

Office of the Vice President for Research  
and  
Information Technology

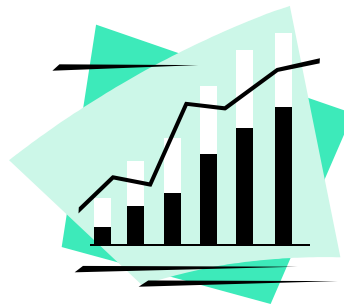
Research Proposals Submitted

*and*

Research Awards Received

Fiscal Year 2001

Annual Report  
July 1, 2000 – June 30, 2001



# Research Proposals Submitted *and* Research Awards Received

July 1, 2000 through June 30, 2001

## 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]).

### **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\***

<b>Fiscal Year/College</b>	<b>Department</b>	<b>Sponsor</b>	<b>Start and End Dates</b>	<b>Total \$</b>
<b>Fiscal Year 1997</b>				
Agricultural Sciences	Entomology	HHS-NIH-National Institutes of Health	4/1/98 - 3/31/03	\$2,251,832
Engineering	Civil Engineering	NSF - Engineering Grant	1/1/98 - 2/31/02	\$9,886,252
Engineering	Mechanical Engineering	DOC-NIST-Nat. Inst. Standards & Tech..	11/1/96 - 0/31/97	\$10,534,405
Engineering	Mechanical Engineering	Kansas State University	1/1/98 - 2/31/02	\$6,178,480
Engineering	Mechanical Engineering	NSF - Engineering Grant	1/1/98 - 1/1/08	\$3,918,091
Other	Cooperative Extension	CCHE-Commission on Higher Education	7/1/97 - 6/30/99	\$2,551,907
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-Occup Safety/Health Research Grants	9/30/96 - 9/29/01	\$3,749,455
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-NIH-Environmental Health Sciences	7/1/97 - 6/30/02	\$3,169,033
Vet. Medicine & Biomedical Sciences	Pathology	HHS-NIH-National Institutes of Health	1/1/98 - 2/31/02	\$2,145,633
<b>Fiscal Year 1998</b>				
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	Phvsics	NSF-MPS-Mathematical & Phvsical Sciences	6/1/98 - 5/31/03	\$3,958,575
Natural Sciences	Psvchologv	HHS-NIH-National Institutes of Health	5/1/99 - 4/30/04	\$6,396,694
Natural Sciences	Psvchologv	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\***

<b>Fiscal Year/College</b>	<b>Department</b>	<b>Sponsor</b>	<b>Start and End Dates</b>	<b>Total \$</b>
<b>Fiscal Year 1999</b>				
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\***

<b>Fiscal Year/College</b>	<b>Department</b>	<b>Sponsor</b>	<b>Start and End Dates</b>	<b>Total \$</b>
<b>Fiscal Year 2000</b>				
Agricultural Sciences	Bioagricultural 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 & Biores 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 \$
<b>Fiscal Year 2001</b>				
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 Awards\***

<b>Fiscal Year/College</b>	<b>Department</b>	<b>Sponsor</b>	<b>Start and End Dates</b>	<b>Total \$</b>
<b>Fiscal Year 1997</b>				
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$2,903,657
<b>Fiscal Year 1998</b>				
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$3,146,303
<b>Fiscal Year 2000</b>				
Natural Resources	Natural Resource Ecology Lab	NSF-Biological Sciences	9/1/99 - 8/31/03	\$2,999,978
<b>Fiscal Year 2001</b>				
Natural Resources	Forest Sciences	Calibre Svstems. 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

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\*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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### **Section VI**

Inter-departmental Projects



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

Please forward any comments, address changes or corrections to:

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Sponsored Programs  
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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**

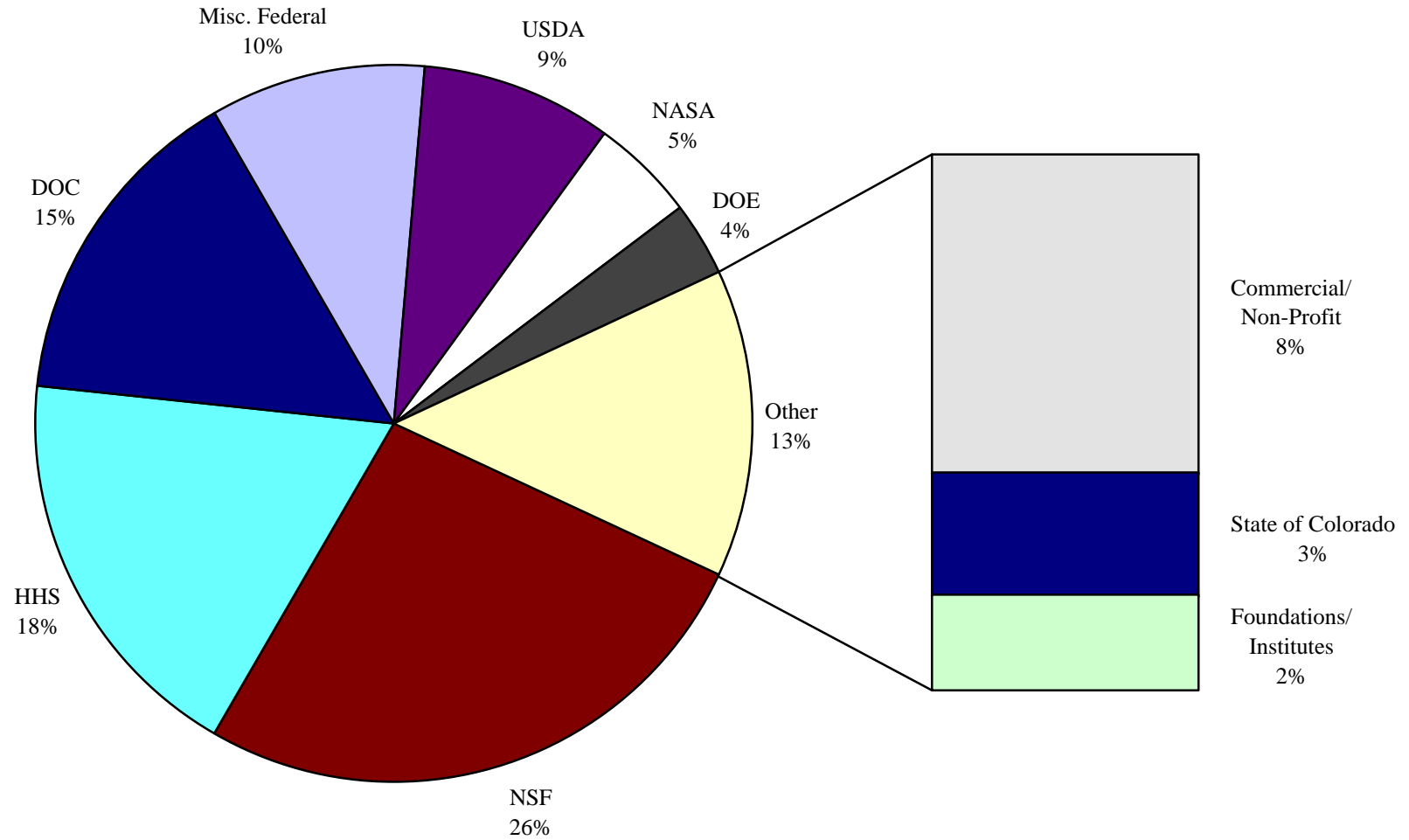
### **Historical Summaries**

## **Proposal Summaries**

# Proposals by Fund Source

Fiscal Year 2001

July 1, 2000 - June 30, 2001



# Proposals by Fund Source

## Five-Year Comparison

### Fiscal Year Data

#### July - June

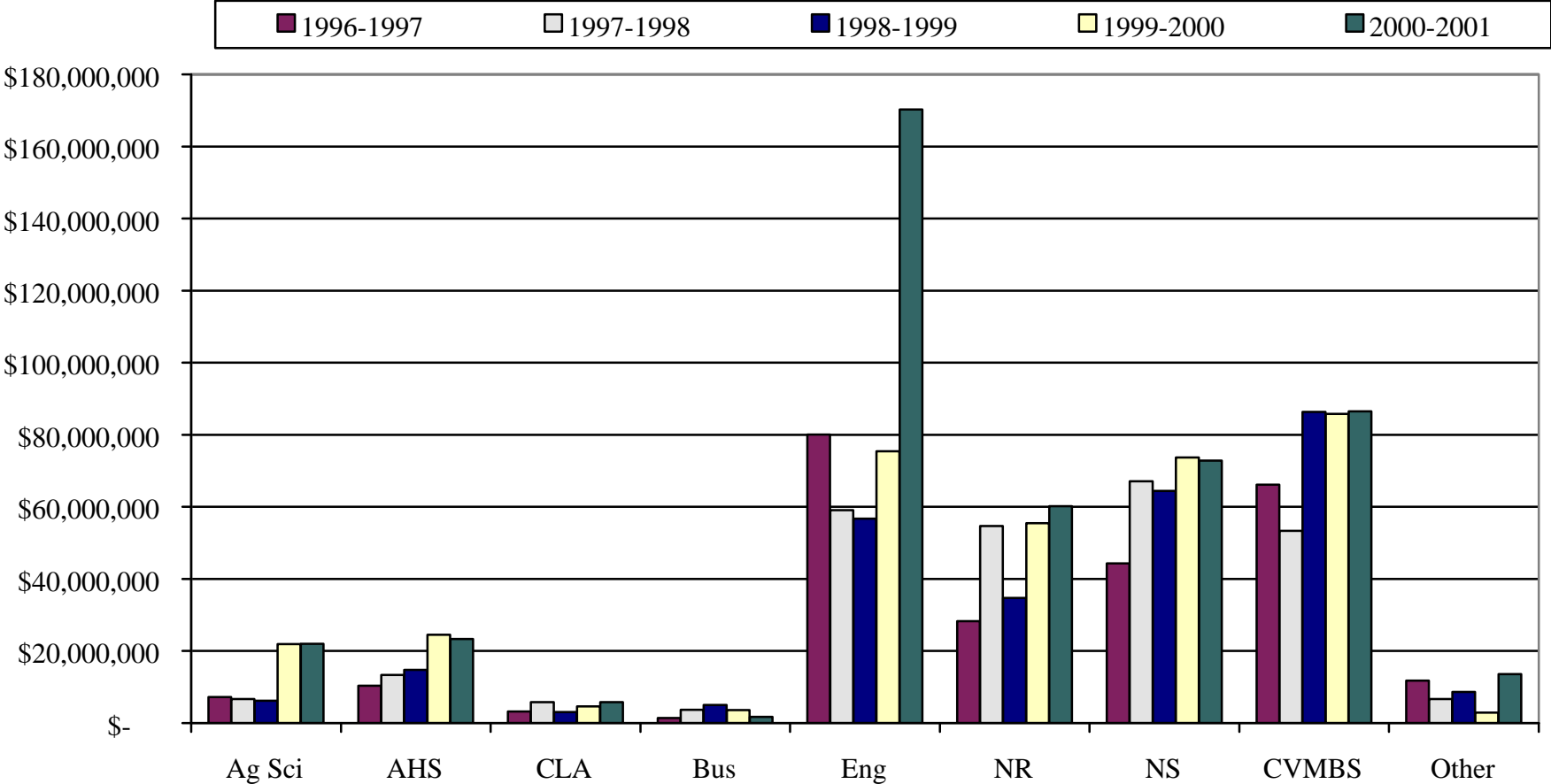
Sponsor	#	1996-1997	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001
Commercial and Non-Profit	157	\$ 26,490,769	164	\$ 24,660,011	155	\$ 17,899,441	226	\$ 32,396,587	226	\$ 37,551,294
Foundations	56	\$ 3,583,692	58	\$ 4,977,129	55	\$ 7,838,917	58	\$ 8,530,123	71	\$ 10,950,095
Institutes	2	\$ 22,868	6	\$ 3,092,910	2	\$ 395,081	4	\$ 1,100,837	1	\$ 47,630
State of Colorado	78	\$ 17,630,960	58	\$ 11,562,107	52	\$ 11,159,714	50	\$ 11,293,101	78	\$ 14,399,433
<b>Subtotal of Non-Federal</b>	<b>293</b>	<b>\$ 47,728,289</b>	<b>286</b>	<b>\$ 44,292,157</b>	<b>264</b>	<b>\$ 37,293,153</b>	<b>338</b>	<b>\$ 53,320,648</b>	<b>376</b>	<b>\$ 62,948,452</b>
USDA - Department of Agriculture	80	\$ 18,663,889	56	\$ 10,427,837	54	\$ 8,137,830	84	\$ 40,021,556	100	\$ 39,475,106
DOC - Department of Commerce	27	\$ 17,595,362	18	\$ 4,570,699	16	\$ 3,314,034	26	\$ 9,595,988	22	\$ 68,681,963
DOD - Department of Defense	45	\$ 11,172,455	41	\$ 22,480,250	64	\$ 22,777,486	54	\$ 12,976,589	27	\$ 8,693,861
DOE - Department of Energy	28	\$ 12,419,302	13	\$ 5,832,108	12	\$ 5,181,635	24	\$ 10,360,331	22	\$ 16,229,927
EPA - Environmental Protection Agency	24	\$ 7,551,649	24	\$ 7,270,031	21	\$ 9,983,794	20	\$ 7,890,018	22	\$ 12,809,116
HHS - Health & Human Services	98	\$ 61,774,553	83	\$ 75,064,401	93	\$ 83,573,419	104	\$ 94,927,979	78	\$ 82,721,828
USDI - Department of the Interior	26	\$ 3,313,467	50	\$ 3,657,984	36	\$ 2,778,724	35	\$ 3,604,386	50	\$ 8,709,353
NASA - National Aeronautics & Space Administration	23	\$ 8,798,281	26	\$ 7,708,891	25	\$ 6,692,199	29	\$ 11,944,809	36	\$ 21,374,519
NSF - National Science Foundation	133	\$ 53,015,826	122	\$ 78,704,906	153	\$ 83,425,958	172	\$ 91,569,250	173	\$ 120,882,136
Miscellaneous Federal	26	\$ 10,725,786	22	\$ 10,468,961	17	\$ 16,866,705	29	\$ 11,800,328	36	\$ 13,697,966
<b>Subtotal of Federal</b>	<b>510</b>	<b>\$ 205,030,570</b>	<b>455</b>	<b>\$ 226,186,068</b>	<b>491</b>	<b>\$ 242,731,784</b>	<b>577</b>	<b>\$ 294,691,234</b>	<b>566</b>	<b>\$ 393,275,775</b>
<b>*** TOTAL ***</b>	<b>803</b>	<b>\$ 252,758,859</b>	<b>741</b>	<b>\$ 270,478,226</b>	<b>755</b>	<b>\$ 280,024,937</b>	<b>915</b>	<b>\$ 348,011,882</b>	<b>942</b>	<b>\$ 456,224,227</b>

# Proposals by College

Five-Year Comparison

Fiscal Year Data

July - June



# Proposals by College

## Five-Year Comparison

### Fiscal Year Data

#### July - June

College	#	1996-1997	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001
Ag Sci - Agricultural Sciences	39	\$ 7,245,550	52	\$ 6,686,777	41	\$ 6,193,390	63	\$ 21,909,983	74	\$ 21,975,300
AHS - Applied Human Sciences	40	\$ 10,333,621	59	\$ 13,378,019	50	\$ 14,761,959	68	\$ 24,551,974	70	\$ 23,346,010
CLA - Liberal Arts	20	\$ 3,206,218	18	\$ 5,828,336	14	\$ 3,073,614	22	\$ 4,660,102	29	\$ 5,775,482
Bus - Business	4	\$ 1,395,836	6	\$ 3,717,494	3	\$ 5,065,168	4	\$ 3,628,145	10	\$ 1,718,246
Eng - Engineering	184	\$ 80,029,310	182	\$ 59,064,769	184	\$ 56,723,430	224	\$ 75,401,371	223	\$ 170,251,452
NR - Natural Resources	120	\$ 28,304,006	125	\$ 54,667,754	148	\$ 34,751,877	166	\$ 55,491,443	182	\$ 60,177,268
NS - Natural Sciences	156	\$ 44,281,751	148	\$ 67,108,796	137	\$ 64,427,292	165	\$ 73,670,618	156	\$ 72,863,817
VMBS - Veterinary Medicine & Biomedical Sciences	202	\$ 66,184,099	139	\$ 53,354,729	164	\$ 86,370,396	184	\$ 85,761,415	172	\$ 86,504,356
Other	38	\$ 11,778,468	12	\$ 6,671,552	14	\$ 8,657,811	19	\$ 2,936,831	26	\$ 13,612,296
<b>*** TOTAL ***</b>	<b>803</b>	<b>\$ 252,758,859</b>	<b>741</b>	<b>\$ 270,478,226</b>	<b>755</b>	<b>\$ 280,024,937</b>	<b>915</b>	<b>\$ 348,011,882</b>	<b>942</b>	<b>\$ 456,224,227</b>

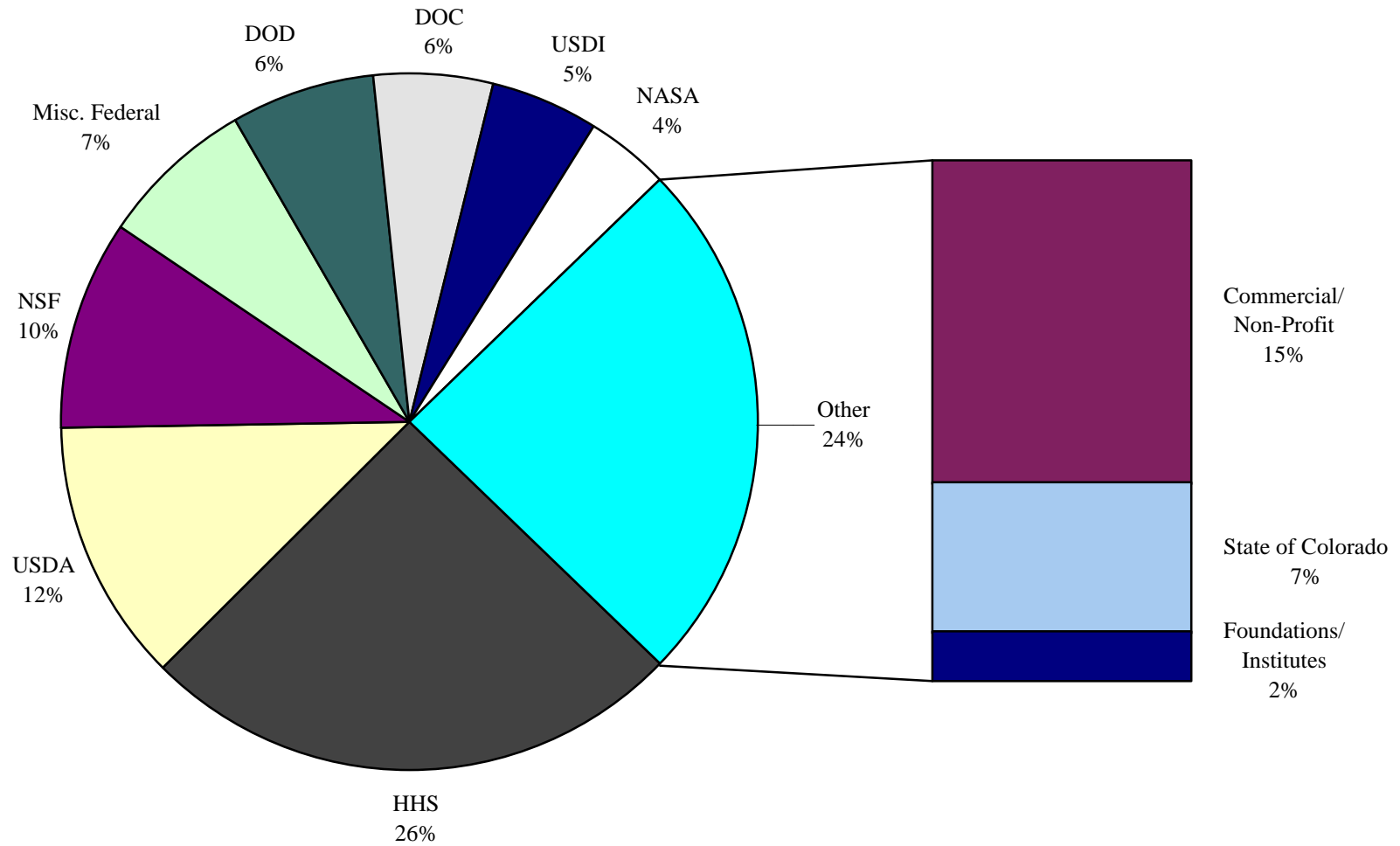
## **Award Summaries**



# Awards by Fund Source

Fiscal Year 2001

July 1, 2000 - June 30, 2001



# Awards by Fund Source

## Five-Year Comparison

### Fiscal Year Data

#### July - June

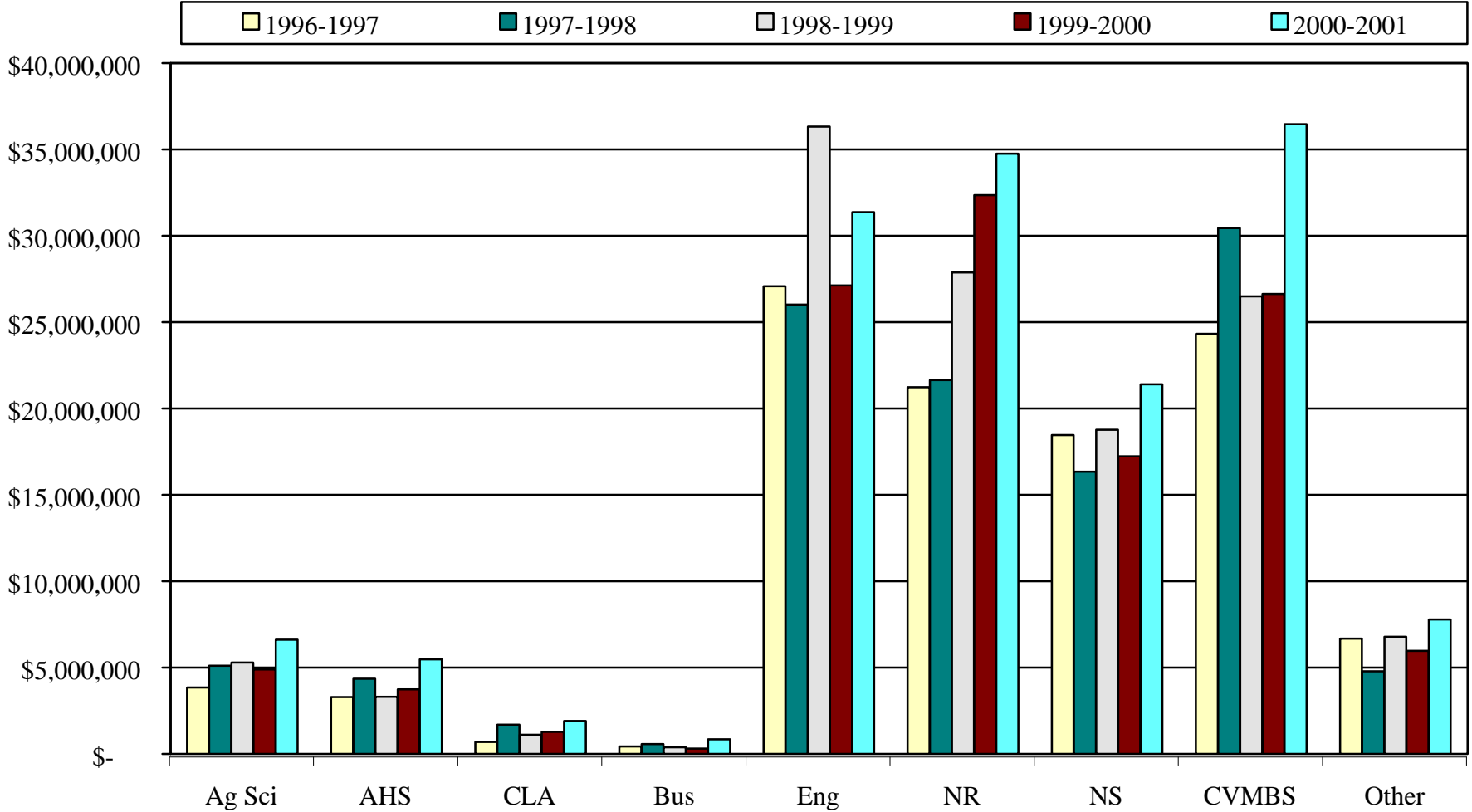
Sponsor	#	1996-1997	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001
Commercial and Non-Profit	452	\$ 18,032,149	476	\$ 17,689,684	488	\$ 19,067,296	423	\$ 17,770,224	437	\$ 22,452,755
Foundations	42	\$ 1,241,744	44	\$ 1,575,505	50	\$ 1,428,603	37	\$ 1,042,703	44	\$ 1,543,526
Institutes	5	\$ 123,562	5	\$ 712,292	18	\$ 1,083,308	9	\$ 1,117,601	16	\$ 1,806,570
State of Colorado	176	\$ 10,259,811	163	\$ 8,998,000	128	\$ 8,898,624	126	\$ 8,545,436	141	\$ 10,229,114
<b>Subtotal of Non-Federal</b>	<b>675</b>	<b>\$ 29,657,266</b>	<b>688</b>	<b>\$ 28,975,481</b>	<b>684</b>	<b>\$ 30,477,831</b>	<b>595</b>	<b>\$ 28,475,964</b>	<b>638</b>	<b>\$ 36,031,965</b>
USDA - Department of Agriculture	210	\$ 10,735,887	199	\$ 9,859,377	223	\$ 12,519,220	198	\$ 12,622,963	233	\$ 17,785,752
DOC - Department of Commerce	33	\$ 7,268,785	28	\$ 8,061,389	42	\$ 8,886,183	33	\$ 7,365,803	37	\$ 8,242,555
DOD - Department of Defense	95	\$ 7,001,261	131	\$ 8,888,952	163	\$ 17,192,385	133	\$ 11,326,657	131	\$ 9,518,107
DOE - Department of Energy	26	\$ 3,558,287	29	\$ 3,482,015	27	\$ 2,813,574	16	\$ 2,116,098	21	\$ 2,743,047
EPA - Environmental Protection Agency	24	\$ 2,199,218	16	\$ 3,486,368	11	\$ 987,585	7	\$ 1,888,084	12	\$ 3,115,281
HHS - Health & Human Services	152	\$ 22,983,558	166	\$ 26,811,863	173	\$ 26,111,801	166	\$ 26,007,768	189	\$ 36,998,335
USDI - Department of the Interior	105	\$ 4,334,893	110	\$ 4,457,033	142	\$ 5,879,221	135	\$ 6,796,848	145	\$ 7,412,408
NASA - National Aeronautics & Space Administration	36	\$ 3,549,625	40	\$ 3,829,488	45	\$ 4,497,666	52	\$ 3,361,405	63	\$ 5,431,674
NSF - National Science Foundation	139	\$ 12,152,065	118	\$ 9,952,170	112	\$ 12,675,880	112	\$ 16,053,126	139	\$ 14,413,970
Miscellaneous Federal	22	\$ 2,592,673	22	\$ 3,141,546	26	\$ 4,316,501	25	\$ 3,504,360	28	\$ 4,927,837
<b>Subtotal Federal</b>	<b>842</b>	<b>\$ 76,376,252</b>	<b>859</b>	<b>\$ 81,970,201</b>	<b>964</b>	<b>\$ 95,880,016</b>	<b>877</b>	<b>\$ 91,043,112</b>	<b>998</b>	<b>\$ 110,588,966</b>
<b>*** TOTAL ***</b>	<b>1,517</b>	<b>\$ 106,033,518</b>	<b>1,547</b>	<b>\$ 110,945,682</b>	<b>1,648</b>	<b>\$ 126,357,847</b>	<b>1,472</b>	<b>\$ 119,519,076</b>	<b>1,636</b>	<b>\$ 146,620,931</b>

# Awards by College

Five-Year Comparison

Fiscal Year Data

July - June



# Awards by College

## Five-Year Comparison

### Fiscal Year Data

#### July - June

College	#	1996-1997	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001
Ag Sci - Agricultural Sciences	168	\$ 3,840,704	169	\$ 5,114,500	162	\$ 5,285,640	128	\$ 4,887,911	128	\$ 6,615,444
AHS - Applied Human Sciences	61	\$ 3,291,381	63	\$ 4,354,707	49	\$ 3,311,223	51	\$ 3,738,608	45	\$ 5,476,548
CLA - Liberal Arts	18	\$ 698,164	16	\$ 1,694,333	12	\$ 1,110,099	27	\$ 1,272,249	28	\$ 1,904,634
Bus - Business	8	\$ 429,788	12	\$ 564,369	8	\$ 383,956	4	\$ 304,678	10	\$ 850,988
Eng - Engineering	320	\$ 27,078,122	303	\$ 26,007,788	333	\$ 36,319,653	266	\$ 27,118,991	310	\$ 31,372,602
NR - Natural Resources	372	\$ 21,228,909	417	\$ 21,645,459	504	\$ 27,880,956	479	\$ 32,358,572	523	\$ 34,758,364
NS - Natural Sciences	223	\$ 18,463,014	210	\$ 16,341,079	212	\$ 18,775,878	168	\$ 17,238,276	205	\$ 21,402,983
VMBS - Veterinary Medicine & Biomedical Sciences	257	\$ 24,319,294	282	\$ 30,443,228	270	\$ 26,499,723	263	\$ 26,636,667	287	\$ 36,460,948
Other	90	\$ 6,684,142	75	\$ 4,780,220	98	\$ 6,790,719	86	\$ 5,963,124	100	\$ 7,778,420
<b>*** TOTAL ***</b>	<b>1,517</b>	<b>\$ 106,033,518</b>	<b>1,547</b>	<b>\$ 110,945,682</b>	<b>1,648</b>	<b>\$ 126,357,847</b>	<b>1,472</b>	<b>\$ 119,519,076</b>	<b>1,636</b>	<b>\$ 146,620,931</b>

## **Section II**

### **Department Summaries**

## **Department Summaries**

## Agricultural 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
Agric & Resource Economics	1172	2	\$377,999	1	\$46,370	9	\$1,001,529	1	\$46,370
Animal Sciences	1171	4	\$1,127,144	6	\$2,118,992	17	\$2,487,034	10	\$2,212,385
Bioagricultural Sci & Pest Mgmt	1177	3	\$3,569,108	7	\$8,008,132	17	\$5,305,185	14	\$9,269,957
Dean Of Agricultural Sciences	1101	0	\$0	0	\$0	0	\$0	1	\$858,685
Fruita Research Center	1146	0	\$0	1	\$351,236	0	\$0	1	\$351,236
Horticulture & Landscape Arch	1173	3	\$2,794,319	2	\$60,007	11	\$5,570,102	8	\$1,411,861
Plant Path & Weed Science	1174	0	\$0	1	\$545,588	0	\$0	1	\$545,588
Soil & Crop Sciences	1170	7	\$1,511,369	5	\$2,815,883	20	\$7,611,450	27	\$7,213,901
<b>Totals</b>		<b>19</b>	<b>\$9,379,939</b>	<b>23</b>	<b>\$13,946,208</b>	<b>74</b>	<b>\$21,975,300</b>	<b>63</b>	<b>\$21,909,983</b>

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
Agric & Resource Economics	1172	3	\$66,305	4	\$67,647	13	\$276,085	12	\$260,585
Animal Sciences	1171	3	\$220,410	6	\$273,100	23	\$1,327,338	22	\$1,035,586
Arkansas Valley Research Ctr	1140	0	\$0	1	\$1,000	0	\$0	1	\$1,000
Bioagricultural Sci & Pest Mgmt	1177	10	\$289,242	6	\$135,160	39	\$1,674,252	34	\$1,104,495
Dean Of Agricultural Sciences	1101	0	\$0	0	\$0	2	\$45,092	1	\$43,303
Fruita Research Center	1146	0	\$0	1	\$5,500	0	\$0	1	\$5,500
Horticulture & Landscape Arch	1173	6	\$324,565	0	\$0	14	\$588,794	8	\$186,300
Intl Agricultural Program	1102	0	\$0	0	\$0	0	\$0	2	\$50,313
Rogers Mesa Research Center	1148	0	\$0	1	\$1,012	0	\$0	1	\$1,012
San Luis Valley Research Ctr	1143	0	\$0	2	\$387,441	0	\$0	12	\$953,422
Soil & Crop Sciences	1170	7	\$98,623	9	\$312,751	37	\$2,703,883	31	\$1,202,735
Southwestern Colorado Res Ctr	1150	0	\$0	1	\$4,400	0	\$0	3	\$43,660
<b>Totals</b>		<b>29</b>	<b>\$999,145</b>	<b>31</b>	<b>\$1,188,011</b>	<b>128</b>	<b>\$6,615,444</b>	<b>128</b>	<b>\$4,887,911</b>

## 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	1	\$7,737	3	\$453,629	6	\$777,801	3	\$453,629
Dept Of Health & Exercise Sci	1582	1	\$46,283	1	\$482,112	5	\$411,130	7	\$2,214,612
Design And Merchandising	1574	1	\$313,980	0	\$0	3	\$610,398	2	\$388,510
Food Science & Human Nutrition	1571	4	\$3,535,574	3	\$1,994,713	14	\$4,440,238	20	\$5,109,372
Human Dev & Family Studies	1570	5	\$3,081,421	2	\$1,784,469	7	\$3,393,199	5	\$2,078,536
Mfg Tech & Constr Mgmt	1584	2	\$1,378,509	2	\$40,365	5	\$1,499,036	10	\$764,792
Occupational Therapy	1573	1	\$315,000	0	\$0	7	\$4,636,742	8	\$5,301,535
School Of Education	1588	5	\$2,697,725	3	\$310,498	15	\$5,557,335	9	\$3,421,803
Social Work	1586	3	\$748,507	2	\$92,374	8	\$2,020,131	4	\$4,819,185
<b>Totals</b>		<b>23</b>	<b>\$12,124,736</b>	<b>16</b>	<b>\$5,158,160</b>	<b>70</b>	<b>\$23,346,010</b>	<b>68</b>	<b>\$24,551,974</b>

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	1	\$3,782	1	\$8,000	3	\$21,555	1	\$8,000
Dept Of Health & Exercise Sci	1582	1	\$95,742	0	\$0	4	\$397,268	2	\$360,448
Design And Merchandising	1574	0	\$0	1	\$9,550	1	\$19,593	2	\$40,855
Food Science & Human Nutrition	1571	3	\$235,786	1	\$10,000	12	\$2,545,555	13	\$855,626
Human Dev & Family Studies	1570	0	\$0	0	\$0	0	\$0	1	\$75,000
Mfg Tech & Constr Mgmt	1584	0	\$0	1	\$3,000	5	\$968,276	10	\$1,062,802
Occupational Therapy	1573	2	\$151,344	1	\$149,624	6	\$261,852	7	\$617,536
School Of Education	1588	2	\$39,678	2	\$343,208	9	\$842,726	8	\$453,005
Social Work	1586	0	\$0	3	\$96,707	5	\$419,723	7	\$265,336
<b>Totals</b>		<b>9</b>	<b>\$526,332</b>	<b>10</b>	<b>\$620,089</b>	<b>45</b>	<b>\$5,476,548</b>	<b>51</b>	<b>\$3,738,608</b>



## Business

<b>Proposals Submitted</b>	<b>Quarter Totals</b>					<b>Fiscal Year to Date Totals</b>			
	<b>Dept #</b>	<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>		<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>	
		<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>
Accounting	1271	0	\$0	0	\$0	1	\$17,912	0	\$0
Business College	1270	0	\$0	0	\$0	1	\$18,756	0	\$0
Computer Information Systems	1277	0	\$0	0	\$0	3	\$200,755	1	\$975,000
Dean Of Business	1201	0	\$0	0	\$0	1	\$616,385	0	\$0
Finance & Real Estate	1272	0	\$0	0	\$0	0	\$0	2	\$98,285
Inst For Transportation Mgt	1276	2	\$125,064	0	\$0	3	\$167,505	0	\$0
Marketing	1278	0	\$0	0	\$0	1	\$696,933	1	\$2,554,860
<b>Totals</b>		<b>2</b>	<b>\$125,064</b>	<b>0</b>	<b>\$0</b>	<b>10</b>	<b>\$1,718,246</b>	<b>4</b>	<b>\$3,628,145</b>

<b>Awards Received</b>	<b>Quarter Totals</b>					<b>Fiscal Year to Date Totals</b>			
	<b>Dept #</b>	<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>		<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>	
		<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>
Computer Information Systems	1277	2	\$190,500	0	\$0	5	\$317,000	0	\$0
Finance & Real Estate	1272	0	\$0	0	\$0	0	\$0	1	\$18,280
Inst For Transportation Mgt	1276	2	\$383,107	0	\$0	4	\$525,003	3	\$286,398
Management	1275	0	\$0	0	\$0	1	\$8,985	0	\$0
<b>Totals</b>		<b>4</b>	<b>\$573,607</b>	<b>0</b>	<b>\$0</b>	<b>10</b>	<b>\$850,988</b>	<b>4</b>	<b>\$304,678</b>

## Engineering

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
Atmospheric Science	1371	8	\$2,607,160	10	\$3,492,201	41	\$23,733,641	42	\$17,672,340
Chemical & Biores Engineering	1370	6	\$3,933,677	9	\$4,256,328	26	\$13,232,094	29	\$10,999,576
CIRA	1375	10	\$2,461,464	9	\$7,222,681	39	\$71,917,722	33	\$11,266,459
Civil Engineering	1372	15	\$8,423,775	16	\$4,845,040	50	\$22,237,125	49	\$12,232,338
Dean Of Engineering	1301	0	\$0	2	\$123,171	2	\$5,298,210	2	\$123,171
Elec. & Computer Engineering	1373	7	\$922,183	11	\$4,205,061	35	\$25,438,777	36	\$16,837,492
Mechanical Engineering	1374	7	\$925,729	14	\$2,125,420	30	\$8,393,883	33	\$6,269,995
<b>Totals</b>		<b>53</b>	<b>\$19,273,988</b>	<b>71</b>	<b>\$26,269,902</b>	<b>223</b>	<b>\$170,251,452</b>	<b>224</b>	<b>\$75,401,371</b>

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
Atmospheric Science	1371	19	\$1,839,009	17	\$1,996,285	86	\$7,451,044	76	\$7,131,463
Chemical & Biores Engineering	1370	3	\$147,402	3	\$300,000	20	\$2,244,180	22	\$1,343,643
CIRA	1375	9	\$567,073	7	\$1,521,406	51	\$9,955,037	44	\$8,912,177
Civil Engineering	1372	19	\$1,117,106	9	\$691,420	74	\$5,355,050	72	\$4,720,783
Dean Of Engineering	1301	1	\$304,434	0	\$0	3	\$954,434	3	\$650,126
Elec. & Computer Engineering	1373	12	\$1,010,289	7	\$520,074	40	\$2,590,316	28	\$2,693,833
Mechanical Engineering	1374	10	\$782,454	7	\$964,136	36	\$2,822,541	21	\$1,666,966
<b>Totals</b>		<b>73</b>	<b>\$5,767,767</b>	<b>50</b>	<b>\$5,993,321</b>	<b>310</b>	<b>\$31,372,602</b>	<b>266</b>	<b>\$27,118,991</b>

## 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	0	\$0	0	\$0	3	\$604,346	2	\$495,823	
Art	1770	1	\$36,400	1	\$6,706	2	\$38,900	1	\$6,706	
Economics	1771	0	\$0	0	\$0	0	\$0	2	\$85,635	
English	1773	2	\$224,829	1	\$25,688	7	\$1,051,767	5	\$2,118,161	
Foreign Languages & Literature	1774	0	\$0	0	\$0	3	\$196,191	1	\$4,000	
History	1776	0	\$0	0	\$0	0	\$0	1	\$4,000	
Journalism & Technical Comm	1785	0	\$0	0	\$0	3	\$2,754,765	3	\$1,238,245	
Music, Theatre & Dance	1778	0	\$0	0	\$0	4	\$569,043	4	\$456,513	
Philosophy	1781	0	\$0	0	\$0	0	\$0	1	\$20,000	
Political Science	1782	1	\$58,832	0	\$0	3	\$82,532	0	\$0	
Sociology	1784	0	\$0	1	\$156,019	4	\$477,938	2	\$231,019	
<b>Totals</b>		<b>4</b>	<b>\$320,061</b>	<b>3</b>	<b>\$188,413</b>	<b>29</b>	<b>\$5,775,482</b>	<b>22</b>	<b>\$4,660,102</b>	

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	0	\$0	1	\$8,805	4	\$396,292	2	\$13,805	
Art	1770	2	\$5,700	0	\$0	2	\$5,700	0	\$0	
Ctr Applied Stu Amer Ethnicity	1790	0	\$0	1	\$1,500	0	\$0	3	\$6,499	
Economics	1771	1	\$31,992	2	\$64,100	3	\$33,919	5	\$160,647	
English	1773	0	\$0	1	\$26,500	2	\$9,231	3	\$37,625	
Foreign Languages & Literature	1774	1	\$33,000	0	\$0	1	\$33,000	1	\$2,000	
History	1776	0	\$0	2	\$24,450	0	\$0	2	\$24,450	
Journalism & Technical Comm	1785	1	\$77,576	0	\$0	8	\$865,209	4	\$705,565	
Music, Theatre & Dance	1778	0	\$0	0	\$0	1	\$171,841	4	\$171,658	
Philosophy	1781	0	\$0	0	\$0	1	\$169,717	0	\$0	
Political Science	1782	0	\$0	0	\$0	1	\$8,500	0	\$0	
Sociology	1784	1	\$26,919	0	\$0	4	\$206,500	3	\$150,000	
Speech Communication	1783	0	\$0	0	\$0	1	\$4,725	0	\$0	
<b>Totals</b>		<b>6</b>	<b>\$175,187</b>	<b>7</b>	<b>\$125,355</b>	<b>28</b>	<b>\$1,904,634</b>	<b>27</b>	<b>\$1,272,249</b>	

## Natural Resources

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
Coop Fish & Wildlife Research	1484	0	\$0	2	\$61,700	2	\$1,524,009	4	\$2,252,428
Earth Resources	1482	4	\$937,349	8	\$920,049	15	\$2,186,767	15	\$2,031,034
Fish & Wildlife Biology	1474	24	\$3,727,981	18	\$1,976,641	74	\$14,635,398	51	\$8,382,511
Forest Sciences	1470	11	\$2,529,864	5	\$1,527,478	30	\$12,372,765	28	\$7,776,952
Nat Res Recreation & Tourism	1480	0	\$0	5	\$208,392	4	\$440,000	7	\$335,092
Natural Resource Ecology Lab	1499	8	\$2,872,561	17	\$9,296,560	46	\$26,897,066	55	\$32,774,611
Rangeland Ecosystem Science	1478	6	\$1,194,053	2	\$1,094,686	11	\$2,121,263	6	\$1,938,815
<b>Totals</b>		<b>53</b>	<b>\$11,261,808</b>	<b>57</b>	<b>\$15,085,506</b>	<b>182</b>	<b>\$60,177,268</b>	<b>166</b>	<b>\$55,491,443</b>

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
Coop Fish & Wildlife Research	1484	3	\$98,322	1	\$27,480	25	\$1,493,942	18	\$675,134
Dean Of Natural Resources	1401	0	\$0	0	\$0	3	\$130,007	3	\$4,863
Earth Resources	1482	7	\$300,470	5	\$275,753	37	\$1,514,805	34	\$1,249,469
Fish & Wildlife Biology	1474	38	\$1,216,018	37	\$1,242,210	126	\$3,453,489	118	\$3,619,767
Forest Sciences	1470	59	\$4,140,951	73	\$6,922,508	217	\$19,012,587	208	\$15,225,255
Nat Res Recreation & Tourism	1480	4	\$155,904	1	\$8,000	19	\$529,804	15	\$345,131
Natural Resource Ecology Lab	1499	16	\$1,882,282	15	\$1,329,366	73	\$8,021,063	63	\$9,932,700
Rangeland Ecosystem Science	1478	6	\$119,627	6	\$389,046	23	\$602,667	20	\$1,306,253
<b>Totals</b>		<b>133</b>	<b>\$7,913,574</b>	<b>138</b>	<b>\$10,194,363</b>	<b>523</b>	<b>\$34,758,364</b>	<b>479</b>	<b>\$32,358,572</b>

## 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	5	\$3,745,138	2	\$1,411,001	16	\$8,176,796	31	\$15,294,090
Biology	1878	4	\$467,289	4	\$1,106,434	38	\$15,628,309	24	\$6,705,314
Center For Sci, Math & Tech Ed	1802	1	\$999,574	10	\$2,025,632	7	\$4,147,579	14	\$5,828,212
Chemistry	1872	8	\$4,300,184	10	\$3,331,471	30	\$14,462,117	40	\$12,356,807
Computer Science	1873	2	\$550,900	3	\$581,466	15	\$5,784,019	28	\$11,813,867
Dean Of Natural Sciences	1801	1	\$199,815	0	\$0	2	\$305,415	3	\$1,344,178
Mathematics	1874	4	\$255,715	0	\$0	11	\$1,088,841	5	\$2,312,811
Physics	1875	2	\$655,686	1	\$427,627	14	\$5,208,605	6	\$4,106,171
Psychology	1876	2	\$1,051,885	3	\$5,350,955	14	\$11,040,963	10	\$13,364,178
Statistics	1877	2	\$2,587,411	1	\$22,000	9	\$7,021,173	4	\$544,990
<b>Totals</b>		<b>31</b>	<b>\$14,813,597</b>	<b>34</b>	<b>\$14,256,586</b>	<b>156</b>	<b>\$72,863,817</b>	<b>165</b>	<b>\$73,670,618</b>

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	5	\$224,165	7	\$776,171	34	\$3,688,092	23	\$2,936,696
Biology	1878	8	\$453,228	4	\$272,979	33	\$2,277,843	19	\$1,053,126
Center For Sci, Math & Tech Ed	1802	0	\$0	2	\$79,846	8	\$435,151	6	\$152,046
Chemistry	1872	12	\$1,483,553	17	\$2,402,150	54	\$5,609,050	50	\$5,993,380
Computer Science	1873	3	\$253,000	3	\$442,840	10	\$1,128,464	8	\$1,324,202
Dean Of Natural Sciences	1801	2	\$210,105	0	\$0	2	\$210,105	3	\$820,126
Mathematics	1874	2	\$38,600	3	\$210,620	9	\$521,627	5	\$275,956
Physics	1875	8	\$817,646	9	\$710,793	23	\$1,734,953	26	\$2,121,619
Psychology	1876	6	\$2,013,770	4	\$132,277	20	\$5,320,184	18	\$2,225,429
Statistics	1877	4	\$160,400	1	\$40,000	12	\$477,514	10	\$335,696
<b>Totals</b>		<b>50</b>	<b>\$5,654,467</b>	<b>50</b>	<b>\$5,067,676</b>	<b>205</b>	<b>\$21,402,983</b>	<b>168</b>	<b>\$17,238,276</b>

## Vet. Medicine & Biomedical Sciences

<b>Proposals Submitted</b>	<b>Quarter Totals</b>					<b>Fiscal Year to Date Totals</b>			
	<b>Dept #</b>	<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>		<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>	
		<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>
Anatomy & Neurobiology	1670	3	\$1,934,296	2	\$1,040,677	13	\$8,457,993	19	\$9,644,413
Clinical Sciences	1678	12	\$2,679,806	10	\$2,660,226	39	\$5,493,337	42	\$4,679,261
Dean Of Vet Medicine	1601	2	\$257,996	1	\$499,603	3	\$287,996	3	\$2,529,603
Environmental Health	1676	8	\$2,027,581	14	\$10,297,765	31	\$20,422,558	33	\$17,395,001
Microbiology	1677	11	\$8,130,050	11	\$10,054,980	28	\$13,858,134	23	\$17,273,227
Pathology	1671	2	\$2,998,744	9	\$3,615,634	11	\$10,613,752	24	\$11,545,007
Physiology	1672	5	\$1,999,479	6	\$6,514,086	27	\$13,672,034	20	\$12,146,001
Radiological Health Sciences	1673	5	\$5,564,225	9	\$3,846,491	20	\$13,698,552	20	\$10,548,902
<b>Totals</b>		<b>48</b>	<b>\$25,592,177</b>	<b>62</b>	<b>\$38,529,462</b>	<b>172</b>	<b>\$86,504,356</b>	<b>184</b>	<b>\$85,761,415</b>

<b>Awards Received</b>	<b>Quarter Totals</b>					<b>Fiscal Year to Date Totals</b>			
	<b>Dept #</b>	<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>		<b><u>Current FY</u></b>		<b><u>Previous FY</u></b>	
		<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>	<b>No.</b>	<b>Amount</b>
Anatomy & Neurobiology	1670	7	\$940,962	8	\$484,232	30	\$4,174,113	30	\$2,579,761
Clinical Sciences	1678	14	\$437,668	15	\$556,865	59	\$2,490,585	64	\$2,646,196
Dean Of Vet Medicine	1601	2	\$2,175,674	0	\$0	3	\$2,342,390	3	\$1,208,099
Environmental Health	1676	6	\$1,251,990	4	\$389,233	45	\$6,849,658	41	\$4,678,259
Microbiology	1677	10	\$3,396,244	8	\$1,020,663	58	\$11,463,351	52	\$7,415,447
Pathology	1671	7	\$935,725	10	\$1,496,808	39	\$4,210,098	31	\$3,417,167
Physiology	1672	10	\$846,643	8	\$587,351	34	\$3,331,158	25	\$2,543,927
Radiological Health Sciences	1673	5	\$406,070	1	\$41,685	19	\$1,599,595	17	\$2,147,811
<b>Totals</b>		<b>61</b>	<b>\$10,390,976</b>	<b>54</b>	<b>\$4,576,837</b>	<b>287</b>	<b>\$36,460,948</b>	<b>263</b>	<b>\$26,636,667</b>

## Other

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
Academic Advancement Center	8100	0	\$0	0	\$0	1	\$1,457,030	0	\$0
Agric Experiment Station	3001	0	\$0	0	\$0	0	\$0	1	\$159,120
Center Educ Access & Outreach	8005	1	\$8,500	0	\$0	1	\$8,500	0	\$0
Center For Ethnicity Studies	1030	0	\$0	0	\$0	1	\$323,987	0	\$0
Colo Water Resources Res Inst	2033	0	\$0	0	\$0	2	\$85,281	1	\$12,388
Cooperative Extension	4040	5	\$3,548,182	1	\$578,906	15	\$7,807,924	7	\$1,996,197
Educ Outreach-Administration	1040	0	\$0	0	\$0	1	\$106,920	0	\$0
Graduate School	2015	0	\$0	0	\$0	1	\$220,000	0	\$0
Hughes Un Bio-Ctr Life Science	1031	0	\$0	2	\$29,906	0	\$0	2	\$29,906
International Programs	1024	1	\$18,829	0	\$0	1	\$18,829	3	\$146,301
Library	1019	0	\$0	0	\$0	0	\$0	1	\$4,991
Native American Student Serv	8013	0	\$0	0	\$0	0	\$0	2	\$142,865
Provost/Academic V P	1001	0	\$0	1	\$5,635	0	\$0	1	\$5,635
San Luis Valley Research Ctr	3043	0	\$0	0	\$0	1	\$160,000	0	\$0
Service Learning & Voluntr Pgm	8040	0	\$0	0	\$0	0	\$0	1	\$439,428
University Health Services	8031	0	\$0	0	\$0	1	\$171,947	0	\$0
Western Colorado Research Ctr	3046	1	\$3,251,878	0	\$0	1	\$3,251,878	0	\$0
<b>Totals</b>		<b>8</b>	<b>\$6,827,389</b>	<b>4</b>	<b>\$614,447</b>	<b>26</b>	<b>\$13,612,296</b>	<b>19</b>	<b>\$2,936,831</b>

## Other

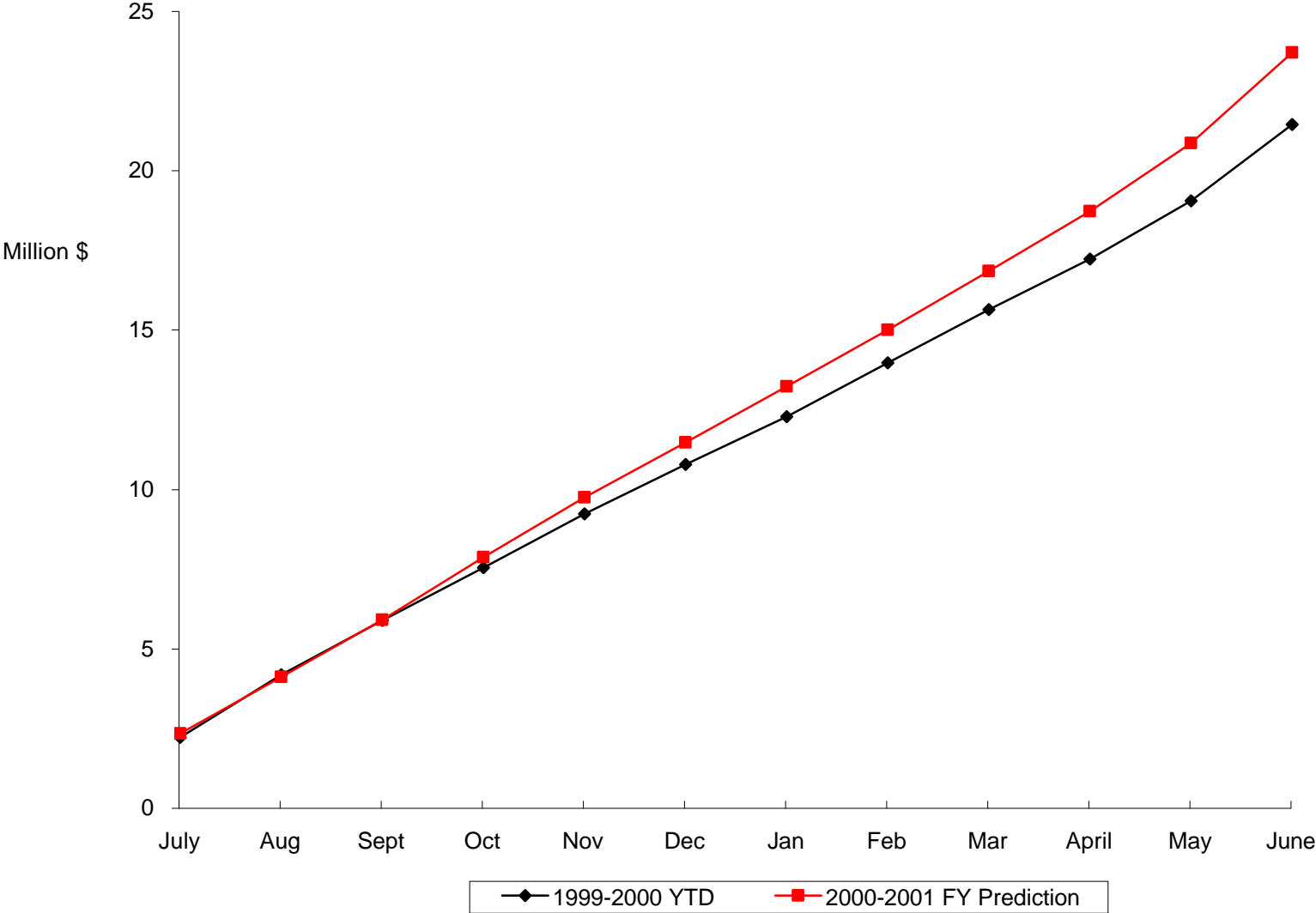
Awards Received	Dept #	Quarter Totals				Fiscal Year to Date Totals			
		Current FY		Previous FY		Current FY		Previous FY	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Acad Computing & Network Serv	2028	0	\$0	1	\$129,600	0	\$0	3	\$261,188
Academic Advancement Center	8100	1	\$275,133	1	\$1,000	2	\$542,252	3	\$262,881
Agric Experiment Station	3001	1	\$14,774	5	\$212,874	6	\$74,096	9	\$252,574
Arkansas Valley Research Ctr	3040	1	\$1,000	0	\$0	1	\$1,000	0	\$0
Asian/Pacific American Stu Ser	8018	0	\$0	0	\$0	1	\$1,200	1	\$1,000
Center Educ Access & Outreach	8005	3	\$456,851	1	\$8,500	6	\$1,290,114	2	\$415,988
Colo Water Resources Res Inst	2033	9	\$95,281	8	\$92,566	12	\$125,281	12	\$349,422
Colorado State Forest Svc-Csu	5060	0	\$0	1	\$94,552	1	\$278,416	1	\$94,552
Cooperative Extension	4040	2	\$178,977	4	\$277,265	19	\$2,482,221	25	\$2,739,671
Educ Outreach-Administration	1040	0	\$0	0	\$0	2	\$127,450	2	\$272,670
El Centro Student Services	8017	0	\$0	0	\$0	1	\$1,500	2	\$4,000
Graduate School	2015	0	\$0	1	\$1,000	10	\$883,927	5	\$285,099
Housing	8032	1	\$750	1	\$2,000	2	\$56,250	1	\$2,000
Hughes Un Bio-Ctr Life Science	1031	0	\$0	0	\$0	5	\$398,050	1	\$100,000
International Programs	1024	1	\$49,367	1	\$40,204	2	\$66,614	6	\$155,556
Library	1019	0	\$0	1	\$4,991	0	\$0	1	\$4,991
Native American Student Serv	8013	0	\$0	0	\$0	0	\$0	1	\$2,000
Provost/Academic V P	1001	0	\$0	0	\$0	1	\$1,950	5	\$400,000
San Luis Valley Research Ctr	3043	2	\$406,600	0	\$0	15	\$810,960	0	\$0
Service Learning & Voluntr Pgm	8040	0	\$0	0	\$0	1	\$133,656	0	\$0
Southwestern Colorado Res Ctr	3050	1	\$2,000	0	\$0	4	\$67,937	0	\$0
Student Center	8033	0	\$0	0	\$0	1	\$1,500	1	\$750
Talent Search Program	0011	0	\$0	0	\$0	2	\$300,907	1	\$294,026
University Police	6023	0	\$0	1	\$2,317	2	\$62,081	3	\$62,790
V P Research & Info Technology	2001	0	\$0	0	\$0	1	\$1,112	1	\$1,966
Western Colorado Research Ctr	3046	2	\$65,252	0	\$0	3	\$69,946	0	\$0
<b>Totals</b>		<b>24</b>	<b>\$1,545,985</b>	<b>26</b>	<b>\$866,869</b>	<b>100</b>	<b>\$7,778,420</b>	<b>86</b>	<b>\$5,963,124</b>



## **Section III**

### **Indirect Cost Earning Projections**

### Facilities and Administrative Cost Recoveries 2000-2001



Based on Previous Year

AVERAGE PERCENT OF F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 Accounts) FY 2000-2001

	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 F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2000

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
Ag Sciences	26,585	51,768	83,696	120,952	154,679	183,744	255,385	297,626	341,255	390,271	431,351	496,364	496,364
Business	4,748	9,220	13,087	17,458	43,939	56,926	66,239	78,168	104,419	116,537	139,127	172,883	172,883
Engineering	626,071	1,157,429	1,639,880	2,135,627	2,635,299	3,092,479	3,576,179	4,052,364	4,544,264	5,075,868	5,681,105	6,451,867	6,451,867
Natural Resources	412,688	704,589	1,036,193	1,403,829	1,726,110	2,023,241	2,276,839	2,556,679	2,878,117	3,192,039	3,608,817	4,163,402	4,163,402
Applied Human Sci	67,484	140,056	204,201	276,036	350,411	404,462	461,049	529,567	597,840	704,067	790,766	893,042	893,042
Vet Medicine	625,014	1,121,009	1,617,185	2,196,184	2,757,167	3,298,374	3,833,130	4,389,712	4,943,046	5,484,703	6,061,423	6,749,121	6,749,121
Liberal Arts	19,577	34,995	51,414	70,359	88,403	100,928	114,452	132,035	147,261	161,222	181,946	228,786	228,786
Natural Sciences	480,144	818,260	1,167,140	1,520,035	1,847,022	2,145,626	2,467,132	2,773,152	3,062,448	3,346,000	3,688,285	4,235,185	4,235,185
Extension Service	15,351	26,986	38,548	61,015	70,805	84,732	102,533	116,851	136,335	152,206	170,387	186,786	186,786
VP Student Affairs	2,022	4,059	6,356	9,594	13,688	17,601	18,912	21,627	24,339	25,852	29,271	31,765	31,765
Other	3,923	5,512	4,423	7,618	8,512	8,062	8,753	11,404	16,024	21,193	27,422	39,841	39,841
2000-01 Actual	2,283,607	4,073,883	5,862,123	7,818,707	9,696,035	11,416,175	13,180,603	14,959,185	16,795,348	18,669,957	20,809,900	23,649,042	23,649,042 *
1999-00 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	23,649,042 **

\*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 F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 Accounts) FY 2000-2001

	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 F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2000

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
Ag Sciences	26,585	51,768	83,696	120,952	154,679	183,744	255,385	297,626	341,255	390,271	431,351	496,364	496,364
Business	4,748	9,220	13,087	17,458	43,939	56,926	66,239	78,168	104,419	116,537	139,127	172,883	172,883
Engineering	626,071	1,157,429	1,639,880	2,135,627	2,635,299	3,092,479	3,576,179	4,052,364	4,544,264	5,075,868	5,681,105	6,451,867	6,451,867
Natural Resources	412,688	704,589	1,036,193	1,403,829	1,726,110	2,023,241	2,276,839	2,556,679	2,878,117	3,192,039	3,608,817	4,163,402	4,163,402
Applied Human Sci	67,484	140,056	204,201	276,036	350,411	404,462	461,049	529,567	597,840	704,067	790,766	893,042	893,042
Vet Medicine	625,014	1,121,009	1,617,185	2,196,184	2,757,167	3,298,374	3,833,130	4,389,712	4,943,046	5,484,703	6,061,423	6,749,121	6,749,121
Liberal Arts	19,577	34,995	51,414	70,359	88,403	100,928	114,452	132,035	147,261	161,222	181,946	228,786	228,786
Natural Sciences	480,144	818,260	1,167,140	1,520,035	1,847,022	2,145,626	2,467,132	2,773,152	3,062,448	3,346,000	3,688,285	4,235,185	4,235,185
Extension Service	15,351	26,986	38,548	61,015	70,805	84,732	102,533	116,851	136,335	152,206	170,387	186,786	186,786
VP Student Affairs	2,022	4,059	6,356	9,594	13,688	17,601	18,912	21,627	24,339	25,852	29,271	31,765	31,765
Other	3,923	5,512	4,423	7,618	8,512	8,062	8,753	11,404	16,024	21,193	27,422	39,841	39,841
2000-01 Actual	2,283,607	4,073,883	5,862,123	7,818,707	9,696,035	11,416,175	13,180,603	14,959,185	16,795,348	18,669,957	20,809,900	23,649,042	23,649,042 *
1999-00 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	23,649,042 **

\*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 3 Years

AVERAGE PERCENT OF F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 Accounts) FY 2000-2001

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Ag Sciences	11%	19%	26%	31%	38%	45%	51%	61%	68%	76%	85%	100%
Business	10%	15%	20%	26%	32%	37%	46%	56%	66%	79%	87%	100%
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 F&A COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2000

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
Ag Sciences	26,585	51,768	83,696	120,952	154,679	183,744	255,385	297,626	341,255	390,271	431,351	496,364	496,364
Business	4,748	9,220	13,087	17,458	43,939	56,926	66,239	78,168	104,419	116,537	139,127	172,883	172,883
Engineering	626,071	1,157,429	1,639,880	2,135,627	2,635,299	3,092,479	3,576,179	4,052,364	4,544,264	5,075,868	5,681,105	6,451,867	6,451,867
Natural Resources	412,688	704,589	1,036,193	1,403,829	1,726,110	2,023,241	2,276,839	2,556,679	2,878,117	3,192,039	3,608,817	4,163,402	4,163,402
Applied Human Sci	67,484	140,056	204,201	276,036	350,411	404,462	461,049	529,567	597,840	704,067	790,766	893,042	893,042
Vet Medicine	625,014	1,121,009	1,617,185	2,196,184	2,757,167	3,298,374	3,833,130	4,389,712	4,943,046	5,484,703	6,061,423	6,749,121	6,749,121
Liberal Arts	19,577	34,995	51,414	70,359	88,403	100,928	114,452	132,035	147,261	161,222	181,946	228,786	228,786
Natural Sciences	480,144	818,260	1,167,140	1,520,035	1,847,022	2,145,626	2,467,132	2,773,152	3,062,448	3,346,000	3,688,285	4,235,185	4,235,185
Extension Service	15,351	26,986	38,548	61,015	70,805	84,732	102,533	116,851	136,335	152,206	170,387	186,786	186,786
VP Student Affairs	2,022	4,059	6,356	9,594	13,688	17,601	18,912	21,627	24,339	25,852	29,271	31,765	31,765
Other	3,923	5,512	4,423	7,618	8,512	8,062	8,753	11,404	16,024	21,193	27,422	39,841	39,841
2000-01 Actual	2,283,607	4,073,883	5,862,123	7,818,707	9,696,035	11,416,175	13,180,603	14,959,185	16,795,348	18,669,957	20,809,900	23,649,042	23,649,042 *
1999-00 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	23,649,042 **

\*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  
July 1, 2000 - June 30, 2001**

## Agricultural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Davies, Stephen P	Primary PI	Agric & Resource Economics	Regional Trends in Russian Agriculture & Implications for International Agricultural Trade	7/1/01 -	01238101
Frasier, W. Marshall	Co-PI	USDA - US Department of Agriculture		6/30/04	\$196,437
Seidl, Andrew F	Co-PI				
Hoag, Dana Loyd	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	A Joint Production-Marketing Approach to Improving Beef Carcass Quality & Producer Returns	7/1/01 - 6/30/04	01239401 \$199,989
Hoag, Dana Loyd	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	A Risk Education Simulation Program/Game	10/1/01 - 9/30/04	01304701 \$299,171
Hoag, Dana Loyd	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	New Financial Tools to Increase Adoption of Long Term Sustainable Crops	2/1/01 - 6/30/04	01208701 \$39,195
Koontz, Stephen R	Primary PI	Agric & Resource Economics Nat'l Cattlemen's Beef Association	Carcass Merit Traits: Development of EPD's & Genetic Marker Validation	12/31/00 - 12/31/01	01251601 \$16,450
Loomis, John B	Primary PI	Agric & Resource Economics Colorado Division of Wildlife	Comparative Trout Production & Distribution Costs of Colorado Division of Wildlife & Fish Hatcheries	10/1/00 - 6/30/01	01202001 \$18,983
Loureiro, Maria L	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	Implications of Labeling, Perceived Quality, and Information in the United States Wine Demand	10/1/01 - 9/30/02	01238601 \$69,774
Pritchett, James G	Primary PI	Agric & Resource Economics Purdue University	Managing Risk Associated with Contracting	10/1/01 - 9/30/04	01306301 \$78,828
Thilmany, Dawn D	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	Immigration & the New Rural Poverty	10/1/01 - 9/30/03	01238801 \$82,702
Belk, Keith	Primary PI	Animal Sciences	Cattle Feeding & Carcass Data Collection Trials	6/1/01 -	02322701
Scanga, John A	Co-PI	Samuel Roberts Noble Foundation		12/31/03	\$83,915
Smith, Gary C	Co-PI				
Belk, Keith	Primary PI	Animal Sciences	Comparison of New Intervention Additives/Chemicals with Interventions Presently Used for Reducing Incidence of E. Coli...	1/8/01 -	01241801
Hossner, Kim L	Co-PI	Nat'l Cattlemen's Beef Association		4/15/01	\$92,960
Scanga, John A	Co-PI				
Smith, Gary C	Co-PI				
Sofos, John N	Co-PI				
Burns, Patrick D	Primary PI	Animal Sciences	Effects of Fishmeal Supplementation on	9/1/01 -	01244801
Engle, Terry E	Co-PI	USDA - US Department of Agriculture	Fertility in First-calf Beef Cows	8/31/04	\$304,643

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Proposals Submitted - 1

## Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Engle,Terry E	Primary PI	Animal Sciences Applied Chemical Magnesium Corporation	Effects of Magnesium Source on Performance, Mineral Status, Digestibility & Carcass Characteristics of Steers	9/15/00 - 01169401 4/30/01 \$16,412
Engle,Terry E	Primary PI	Animal Sciences Zinpro Corporation	Effects of Copper Source & Concentration on Performance, Mineral & Immune Status, Lipid Metabolism, & Carcass ...	9/15/00 - 01169501 5/5/01 \$27,001
Golden,Bruce L	Primary PI	Animal Sciences USDA-CSREES-Coop State Rsrch Edu & Ext	National Beef Cattle Genetic Evaluation Consortium	10/1/00 - 01248301 9/30/01 \$47,500
Hossner,Kim L	Primary PI	Animal Sciences USDA - US Department of Agriculture	Biological Efficacy of a Physiologically Active Bovine Colostral Ultrafiltration Preparation	7/1/01 - 01215701 6/30/03 \$210,579
Lamm,W Dennis	Primary PI	Animal Sciences USDA - US Department of Agriculture	Expanding Markets for Southwest Small-Scale, Alternative, & Minority Producers	10/1/01 - 01288701 9/30/04 \$990,779
Lamm,W Dennis	Primary PI	Animal Sciences USDA - US Department of Agriculture	Professional Development Program for Colorado	10/1/01 - 01275701 9/30/02 \$10,000
Lamm,W Dennis	Primary PI	Animal Sciences University of California at Davis	Sharing Resources to Help Connect Farmers to Direct Marketing Niches	9/1/00 - 01304401 12/31/02 \$12,450
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	6/1/01 - 01236501 7/1/02 \$153,650
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	3/15/01 - 01267901 2/28/02 \$54,054
Schmidt,Glenn R	Primary PI	Animal Sciences American Sheep Industry Association	Lamb Product Development	4/1/01 - 01283401 7/1/02 \$40,000
Siciliano,Paul D	Primary PI	Animal Sciences Zinpro Corporation	Effect of 4-Plex on Hoof Wall Growth Rate & Integrity, Humoral Immune Response & Trace Mineral Balance	11/1/00 - 01226401 11/1/02 \$48,629
Siciliano,Paul D Turner,Anthony Simon	Primary PI Collaborator	Animal Sciences ** Morris Animal Foundation	Effect of Nutrition & Exercise on Bone Growth, Development & Subsequent Bone Health in Weanling Horses	11/15/01 - 01280801 6/1/03 \$70,850

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Proposals Submitted - 2



## Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Sofos,John N	Primary PI	Animal Sciences **	Microbial Ecology & Interactions in	10/1/01 - 01249701
Ikeda,Jack Sen	Co-PI	USDA - US Department of Agriculture	Decontaminated Fresh Meat & Produce	9/30/04 \$298,612
Kendall,Patricia A	Co-PI			
Sofos,John N	Primary PI	Animal Sciences **	Optimization of Antimicrobials for Control of	4/1/01 - 01212301
Belk,Keith	Co-PI	National Pork Producers Council	Listeria monocytogenes & for Acceptable Pork	3/31/02 \$25,000
Ikeda,Jack Sen	Co-PI		Product Quality	
Kendall,Patricia A	Co-PI			
Samelis,Ioannis	Co-PI			
Smith,Gary C	Co-PI			
Beck,K George	Primary PI	Bioagriculturl Sci & Pest Mgmt **	Community-based Programs for Integrated	10/1/01 - 01284801
Knight,Heather A.L	Co-PI	USDA - US Department of Agriculture	Weed Management: Three Program Case	9/30/05 \$1,040,025
Seidl,Andrew F	Co-PI		Studies for Controlling Invasive ...	
Swanson,Louis E. Jr	Co-PI			
Beck,K George	Primary PI	Bioagriculturl Sci & Pest Mgmt **	Does Genetic Variation of Yellow Toadflax	5/1/01 - 01212701
		USDA - US Department of Agriculture	Influence Its Management?	4/30/04 \$128,106
Brown,William M Jr	Primary PI	Bioagriculturl Sci & Pest Mgmt	Sustainable Integrated Pest Management	7/1/01 - 01290201
		USDA-CSREES-Coop State Rsrch Edu & Ext	Irrigated Cropping Systems on the High Plains	6/30/05 \$1,973,361
Hammon,Robert W	Primary PI	Bioagriculturl Sci & Pest Mgmt **	Extending Irrigated Alfalfa Stand Life by	5/1/01 - 01205501
Hooten,Thomas M	Collaborator	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Alteration of Late-Season Harvest Schedules	5/1/04 \$51,526
Sharp,Rodney L	Collaborator			
Hammon,Robert W	Primary PI	Bioagriculturl Sci & Pest Mgmt **	Modifying Late-season Harvest Schedules to	10/1/01 - 01226901
		USDA-Western Region I.P.M. Program	Manage Alfalfa Stand Decline	9/30/03 \$49,036
Hufbauer,Ruth A	Primary PI	Bioagriculturl Sci & Pest Mgmt **	Origins & Hybridization of Diffuse & Spotted	7/1/01 - 01228601
Henk,Shanna C	Co-PI	USDA - US Department of Agriculture	Knapweeds Inferred from Molecular Data	6/30/04 \$264,241
Hufbauer,Ruth A	Primary PI	Bioagriculturl Sci & Pest Mgmt	The Genetic & Environmental Basis for Host-	9/1/01 - 01245201
Norton,Andrew P	Co-PI	USDA - US Department of Agriculture	plant Specificity in a Biocontrol Agent of	8/31/03 \$177,958
			Toadflaxes	
Ishimaru,Carol A	Primary PI	Bioagriculturl Sci & Pest Mgmt	Complete Genome Sequence of Clavibacter	9/1/01 - 01292901
Knudson,Dennis L	Co-PI	USDA-CSREES-Coop State Rsrch Edu & Ext	Michiganensis Subsp. Sepedonicus	8/31/03 \$555,722
Ishimaru,Carol A	Primary PI	Bioagriculturl Sci & Pest Mgmt	Sequence-anchored Physical Mapping of	4/1/01 - 01195201
		USDA-ARS-Agricultural Research Service	Clavibacter Michiganensis Subspecies	6/30/02 \$60,218
			Sepedonicus	

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Proposals Submitted - 3

## Agricultural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Knudson,Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt University of Notre Dame	The Aedes Aegypti Genome Project	12/1/01 - 11/30/03	01256201 \$499,493
Lester,Philip J Holtzer,Thomas O	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt North Carolina State University	The Integration of the National IPM Network Search Engine to the Western Region IPM Site	10/1/00 - 9/30/01	01194501 \$5,000
Norton,Andrew P Caspari,Horst W Larsen,Harold J	Primary PI Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** American Vineyard Foundation	Beneficial Mites as Biological Control Agents for Grape Powdery Mildew	5/1/01 - 4/30/02	01253601 \$24,655
Norton,Andrew P	Primary PI	Bioagricultur Sci & Pest Mgmt ** Cornell University	Biological Control of Grape Powdery Mildew Using Mycophagous Mites	7/1/01 - 6/30/03	01242001 \$69,262
Norton,Andrew P	Primary PI	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Mycophagous Mites as Biological Control Agents of Grape Powdery Mildew	6/1/01 - 5/30/03	01226201 \$60,745
Schwartz,Howard F Brick,Mark A Byrne,Patrick F Lawrence,Christopher B	Primary PI Co-PI Co-PI Co-PI	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Cultural Practice, Cropping System & Host Resistance Effects on Fusarium Wilt of Common Bean	7/1/01 - 6/30/04	01223201 \$229,789
Westra,Philip	Primary PI	Bioagricultur Sci & Pest Mgmt ** USDA-Western Region I.P.M. Program	Sustaining Colorado Agro-ecosystems through Interdisciplinary Site-Specific Pest Management	7/1/01 - 6/30/03	01226101 \$89,276
Zimdahl,Robert L Davis,Jessica G	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt ** USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Exploration of the Ethical Basis for Agricultural Sustainability	1/1/02 - 12/31/02	01208901 \$26,772
Caspari,Horst W	Primary PI	Horticulture & Landscape Arch Washington Tree Fruit Research Commiss.	Partial Rootzone Drying - A New Deficit Irrigation Strategy for Apples & Pears	3/1/01 - 12/31/01	01240101 \$64,693
Jones,Michelle L	Primary PI	Horticulture & Landscape Arch Ohio Floriculture Foundation	Genetic Modification of Alpha-Galactosidase in Petunia to Increase Cold Hardiness	1/1/01 - 12/31/01	01206501 \$7,500
Jones,Michelle L Johnson Potter,Felicity	Primary PI Co-PI	Horticulture & Landscape Arch USDA - US Department of Agriculture	Postpollination Signaling & Senescence in Ethylene Insensitive Petunias	8/1/01 - 7/31/04	01239601 \$288,240
Qian,Yaling	Primary PI	Horticulture & Landscape Arch USDA - US Department of Agriculture	Irrigation Management to Reduce Water Use, Nitrate Leaching, & Trace Gas Fluxes in Urban Turfgrass	6/1/01 - 5/31/04	01229601 \$277,996
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch USDA - US Department of Agriculture	Biochemical Analysis of Ribosome-inactivating Proteins: Compartmentation & RNA Depurination	8/1/01 - 7/31/04	01256801 \$290,364

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Proposals Submitted - 4

## Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch NSF - National Science Foundation	Biochemical, Molecular & Physiological Studies of Plant Ribosome-Inactivating Proteins	5/1/01 - 01175701 5/1/06 \$901,639
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch USDA - US Department of Agriculture	Broad-Spectrum Antimicrobial Activity of Mirabilis of Root-Specific Ribosome- Inactivating Proteins: Agricultural & ...	8/1/01 - 01238501 7/31/04 \$282,589
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch **	Towards a Second Columbian Exchange: Oxalis tuberosa, a Novel Alternative Tuber Crop	10/1/01 - 01289601
Holm,David G	Co-PI	USDA-CSREES-Coop State Rsrch Edu & Ext		9/30/05 \$2,638,739
Loureiro,Maria L	Co-PI			
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch Charles A. Lindberg Fund	Using Extracts of an Endangered Andean Crop as a Biopesticide in Potato Farms to Achieve Pathogen Control While ...	6/2/02 - 01309301 5/31/03 \$10,580
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch CCHE-Commission on Higher Education	Landscape Horticulture/Landscape Architecture	7/1/01 - 01225101 6/30/06 \$662,762
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch	Viticulture & Enology Programs for the	8/1/01 - 02320301
Caspari,Horst W	Collaborator	Colorado Department of Agriculture	Colorado Wine Industry	6/30/02 \$145,000
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences **	Comparison of Reclamation Treatments at the	7/1/01 - 01310201
Redente,Edward F	Co-PI	EPA - Environmental Protection Agency	Buffalo Creek Wildfire Site	9/30/03 \$49,500
Berrada,Abdelfettah	Primary PI	Soil & Crop Sciences **	Meeting the Challenges of Chickpea	3/1/01 - 01202401
Brick,Mark A	Co-PI	USDA-Foreign Agricultural Service	Production in Southwestern Colorado through	2/29/04 \$44,952
Hammon,Robert W	Co-PI		Collaborative Research	
Brummer,Joe E	Primary PI	Soil & Crop Sciences **	Alternative Strategies to Reduce Feeding	10/1/01 - 01208801
Zalesky,Douglas D	Co-PI	USDA - US Department of Agriculture	Costs in Intermountain Beef Cattle Operations	9/30/04 \$146,636
Cooley,Aubrey Wayne	Collaborator			
Lashell,Beth A.S	Collaborator			
Levalley,Roberta Baird	Collaborator			
Sharp,Rodney L	Collaborator			
Whittier,Jack C	Collaborator			
Byrne,Patrick F	Primary PI	Soil & Crop Sciences **	Environmental Risk Associated with the Use of	9/1/01 - 01273601
Bedinger,Patricia A	Co-PI	USDA - US Department of Agriculture	Transgenic Plants in Phytoremediation Systems	8/31/04 \$245,835
Cardon,Grant E	Co-PI			
Henk,Shanna C	Co-PI			
Pilon-Smits,Elizabeth A.	Co-PI			

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Proposals Submitted - 5

## Agricultural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Byrne,Patrick F	Primary PI	Soil & Crop Sciences **	Evaluating New Sources of Heat Tolerant	4/1/01 -	01200101
Haley,Scott D	Co-PI	USDA-Foreign Agricultural Service	Germplasm	3/31/04	\$43,750
Stushnoff,Cecil	Co-PI				
Cardon,Grant E	Primary PI	Soil & Crop Sciences University of Nevada	Water Conservation in Western Irrigated Agriculture: An Institutional Assessment	10/1/01 - 12/31/04	02322901 \$117,894
Cipra,Jan E	Primary PI	Soil & Crop Sciences USDA - US Department of Agriculture	Sampling Protocols & Precision Soil Maps for Improved Yields & Nitrogen Management	6/1/01 - 5/31/05	01228701 \$346,056
Davis,Jessica G	Primary PI	Soil & Crop Sciences Colorado Dept Public Health & Environ	Implementation of the National AFO Strategy in Colorado	7/1/00 - 6/30/02	01169701 \$90,000
Davis,Jessica G	Primary PI	Soil & Crop Sciences Organic Farming Research Foundation	Long-Term Organic Farming Impacts on Soil Fertility	1/1/01 - 12/31/01	01169101 \$6,448
Davis,Jessica G	Primary PI	Soil & Crop Sciences **	Value-added Compost: Creating	10/1/01 -	01313101
Hine,Susan E	Co-PI	USDA - US Department of Agriculture	Diversification for Rural Communities in	9/30/05	\$599,901
Qian,Yaling	Co-PI		Colorado		
Davis,Jessica G	Primary PI	Soil & Crop Sciences EPA - Environmental Protection Agency	Prevention of Phosphorus Pollution from Agricultural Land	10/1/00 - 9/30/01	01178801 \$25,000
Fenwick,Jack R	Primary PI	Soil & Crop Sciences	National Seed Science Distance Education	8/15/01 -	01268601
Brick,Mark A	Co-PI	USDA - US Department of Agriculture	Program	8/15/04	\$248,017
Loeffler,Timothy M	Co-PI				
Waibel,Gilbert P	Co-PI				
Heil,Dean M	Primary PI	Soil & Crop Sciences ** USDA - US Department of Agriculture	Contribution of Soluble Organic Matter to Metal Transport in Sewage Sludge Amended Soils	7/1/01 - 6/30/04	01229501 \$343,083
Kelly,Eugene F	Primary PI	Soil & Crop Sciences	The Role of Aeolian Dust Deposition in	1/1/01 -	01194901
Neff,Jason	Co-PI	NASA-ARC-Ames Research Center	Ecosystem Dynamics on Centennial to Millennial Time Scales: An Evaluation ...	1/1/06	\$4,144,426
Lapitan,Nora	Primary PI	Soil & Crop Sciences Kansas State University	Applying Functional Genomics Toward Durability of Insect Resistance in Cereals	10/1/01 - 9/30/04	01291901 \$338,162
Lapitan,Nora	Primary PI	Soil & Crop Sciences Washington State University	Assessment of Structure & Function of a High- Recombination Genomic Region in a Diploid Triticeae Genome	9/1/01 - 8/31/04	01234601 \$384,436

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Proposals Submitted - 6

## Agricultural Sciences - Proposals

<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Key #</b> <b>\$Amount</b>
Lapitan,Nora	Primary PI	Soil & Crop Sciences University of California at Davis	Bringing Genomics to the Wheat Fields	10/1/01 - 02324801 9/30/05 \$324,912
Larson,Kevin	Primary PI	Soil & Crop Sciences Kansas State University	Canola: Alternative Crop for Southeastern Colorado	7/1/01 - 01290001 7/1/04 \$36,000
Loeffler,Timothy M	Primary PI	Soil & Crop Sciences American Seed Research Foundation	Vigor Tests for Small-Seeded Vegetable Seeds	9/1/01 - 01282901 9/1/04 \$45,000
Smith,Danny H Brummer,Joe E	Primary PI Co-PI	Soil & Crop Sciences Upper Gunnison River Water Conservancy D	Consumptive Irrigation Water Use in the Upper Gunnison River Basin	1/1/01 - 01212201 12/31/03 \$31,442

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Proposals Submitted - 7

## Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Asmus, Cheryl L	Primary PI	Dean Of Applied Human Sciences CHP+ - Child Health Plan Plus	CHP+ Grants Program & Colorado State University Cooperative Extension 9/15/00 - 9/15/01	01193901 \$47,500
Asmus, Cheryl L Mccracken, Pamela S	Primary PI Co-PI	Dean Of Applied Human Sciences ** US Department of Justice	Drug Court as a Systems-based Model for High-risk Drinking on a Campus 9/1/01 - 8/31/03	01263101 \$358,979
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 7/1/01 - 6/30/03	01256301 \$349,615
Lyall, James M Bogenhagen, Julie M Griffith, Scott M	Primary PI Collaborator Collaborator	Dean Of Applied Human Sciences Colorado Institute of Technology	Hands-On to Brains-On: How to Build a Computer 3/1/01 - 9/30/01	01260601 \$5,808
Sheafor, Bradford W Jones, Brian	Primary PI Co-PI	Dean Of Applied Human Sciences ** Universidad de Atacama	Little Shop of Physics 4/1/01 - 12/1/01	01294501 \$7,737
Wallner, Barbara	Primary PI	Dean Of Applied Human Sciences Colorado Institute of Technology	Kids in College 6/1/01 - 5/31/02	01259601 \$8,162
Gotshall, Robert W	Primary PI	Dept Of Health & Exercise Sci Sandler Family Sup Found-Prog for Asthma	Dietary Salt As Modifier of Asthma 7/1/01 - 6/30/04	01222201 \$250,000
Gotshall, Robert W	Primary PI	Dept Of Health & Exercise Sci PADI Foundation	Improved Safety for Asthmatics by Improved Pulmonary Function 6/1/01 - 3/31/02	01255401 \$8,847
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 7/1/01 - 6/30/02	01287601 \$46,283
Nelson, Tracy L	Primary PI	Dept Of Health & Exercise Sci American Heart Association	The Association of Psychosocial Factors with Subclinical Indicators 7/1/01 - 6/30/03	01216601 \$66,000
Nelson, Tracy L	Primary PI	Dept Of Health & Exercise Sci University of Colorado Health Sci Ctr	The Relationship of Psychosocial Factors to Abdominal Body Fat Distribution in Middle- aged & Older Men & Women 1/1/01 - 12/31/02	01210601 \$40,000
Eckman, Molly Hyllegard, Karen H	Primary PI Co-PI	Design And Merchandising NSF - National Science Foundation	Process of International Retail Expansion: Theory Development in the Specialty Retailing Sector 1/1/01 - 12/31/03	01186901 \$249,942
Mckenna, Judy E	Primary PI	Design And Merchandising National Endowment for Financial Educati	The High School Financial Planning Program on WEB CT 9/7/00 - 9/6/01	01172501 \$46,476

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Proposals Submitted - 8

## Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Sarkar,Ajoy	Primary PI	Design And Merchandising NSF - National Science Foundation	Enzymatic Systems as Alternatives to Chemical Bleaching in Textile Manufacturing	12/1/01 - 01299901 11/30/04 \$313,980
Adams,Elizabeth	Primary PI	Food Science & Human Nutrition University of Colorado Health Sci Ctr	Evaluation of the Impact of the Special Supplemental Nutrition Program for Women, Infants & Children on ...	1/1/01 - 01210801 12/31/02 \$39,276
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition University of Pennsylvania	Dining with Diabetes Community Education Project	10/1/01 - 01277501 9/30/02 \$199,783
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition University of Colorado Health Sci Ctr	Nurse Home Visitation to Prevent Latino Infant Obesity	7/1/01 - 01199301 9/30/05 \$203,926
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition University of Colorado Health Sci Ctr	Nurse Home Visitation to Prevent Latino Infant Obesity	4/1/02 - 02314101 3/31/05 \$126,894
Avens,John S	Primary PI	Food Science & Human Nutrition Community Power Corporation	Demonstration of Modular Biopower System Using Poultry Waste	9/1/01 - 01260201 3/31/02 \$15,495
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	10/1/00 - 01288601 9/30/03 \$956,063
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition Ohio State University	Design & Evaluation of Food Safety Educations for High Risk Audiences	9/1/01 - 01242501 3/31/03 \$85,427
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition ** Cornell University	Food Safety Begins on the Fam in Colorado	10/1/00 - 01187001 9/30/01 \$18,714
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	10/1/01 - 01294801 9/30/04 \$588,049
Yu,Liangli	Primary PI	Food Science & Human Nutrition USDA - US Department of Agriculture	Antioxidants in Hard Winter Wheat	10/1/01 - 01238301 9/30/04 \$210,080
Yu,Liangli	Primary PI	Food Science & Human Nutrition Hauser Company	Applications of Rosemary Extracts in Consumer Products	1/1/01 - 01236901 6/30/02 \$25,000

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## Applied Human Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Yu,Liangli	Primary PI	Food Science & Human Nutrition **	Development & Anticancer Effects of a Functional Food Enriched with Natural Antioxidants	10/1/01 -	01288201
Anderson,Jennifer E.L	Co-PI	USDA - US Department of Agriculture		9/30/05	\$1,864,568
Haley,Scott D	Co-PI				
Melby,Christopher L	Co-PI				
Stone,Martha B	Co-PI				
Stushnoff,Cecil	Co-PI				
Yu,Liangli	Primary PI	Food Science & Human Nutrition Colgate-Palmolive Company	Development of Polysaccharide Film(s)	11/1/00 - 1/31/02	01189401 \$94,954
Yu,Liangli	Primary PI	Food Science & Human Nutrition Hauser Company	Effects of Rosemary Extracts on Coffee Quality	10/1/00 - 9/30/01	01192201 \$12,009
Biringen,Zeynep C	Primary PI	Human Dev & Family Studies NSF - National Science Foundation	The Social & Cognitive Development of Young Children: A Divorce & Attachment Perspective	9/1/01 - 8/31/06	01302801 \$761,272
Fetsch,Robert J	Primary PI	Human Dev & Family Studies USDA - US Department of Agriculture	Increasing Farm Efficiency & Profitability in the Great Plains	10/1/01 - 9/30/05	01287801 \$1,596,146
Fetsch,Robert J	Primary PI	Human Dev & Family Studies USDA-CSREES-Coop State Rsrch Edu & Ext	Risk & Resilience in Agriculture	10/1/01 - 9/30/04	01305301 \$299,997
Fidler,Deborah	Primary PI	Human Dev & Family Studies HHS-NIH-National Institutes of Health	Cognitive Strengths & Weaknesses in Down Syndrome	10/1/01 - 9/30/03	01302401 \$138,859
Mcbride,Ruth	Primary PI	Human Dev & Family Studies US Department of Education	Child Care Access Means Parents in School Program	7/1/01 - 6/30/05	01289301 \$285,147
Mcbride,Ruth	Primary PI	Human Dev & Family Studies CORRA-Colo Ofc of Res & Ref Agencies Inc	Child Care Quality Improvement Fund	1/1/01 - 1/1/02	01189101 \$2,000
Zimmerman,Toni S	Primary PI	Human Dev & Family Studies NSF-SBE-Social, Behav & Econ Sciences	Adolescents' Perceptions of Work & Family Balance	8/1/01 - 7/31/03	01245601 \$309,778
Bohren,Lenora	Primary PI	Mfg Tech & Constr Mgmt EPA - Environmental Protection Agency	Pollution Prevention: Cars, Cultures & Cures	7/1/00 - 6/30/02	01221201 \$25,000
Demiranda,Michael A	Primary PI	Mfg Tech & Constr Mgmt NSF - National Science Foundation	Med Tech	4/1/02 - 6/1/06	01301201 \$1,304,389
Koziol,Christopher J	Primary PI	Mfg Tech & Constr Mgmt DOI-NPS-National Park Service	Investigation of Historic Structures with Digital X-ray Technology	7/1/01 - 3/15/03	01257901 \$87,527

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## Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Schaeffer,Steven Lewis	Primary PI	Mfg Tech & Constr Mgmt Colorado Institute of Technology	Career Horizons 2001 6/20/10 - 6/30/01	01258701 \$8,000
Wolff,Birgit H	Primary PI	Mfg Tech & Constr Mgmt EPA - Environmental Protection Agency	Vehicle Emissions & Environmental Justice 6/1/01 - 6/1/02	01294701 \$74,120
Davies,Patricia	Primary PI	Occupational Therapy HHS-NIH-National Institutes of Health	Cognitive Event-Related Potentials & Brain Maturation 8/16/00 - 5/30/03	01176801 \$250,815
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	01218901 \$1,622,838
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	01234901 \$626,753
Schelly,Catherine L	Primary PI	Occupational Therapy HHS-ACF-Admin. for Children & Families	BRIDGES Transitional Living Program for Homeless Youth & Young Adults in Northern Colorado 1/1/01 - 12/31/04	01162701 \$561,253
Schelly,Catherine L	Primary PI	Occupational Therapy US Department of Education	Recreation Works 10/1/01 - 9/30/04	02317701 \$315,000
Schelly,Catherine L	Primary PI	Occupational Therapy US Department of Education	The Life Transitions Outreach Project for Youth with Learning Disabilities 5/1/01 - 4/30/04	01223101 \$464,902
Spencer,Karen Clark	Primary PI	Occupational Therapy US Department of Education	Occupational Therapy Partners: A Public School-University Partnership for Personnel Preparation 8/16/01 - 8/15/05	01217401 \$795,181
Albright,Leonard Smith,Kenneth D	Primary PI Co-PI	School Of Education ** Hospitality Business Alliance	Development of a Model for Evaluating the Prostart School-to-Career Program 10/1/01 - 9/30/03	01307301 \$247,283
Anderson,Sharon K Gould,Lois	Primary PI Co-PI	School Of Education NFAH-Natl Endowment for the Humanities	Ethical Issues in Teaching 9/1/01 - 8/31/02	01292501 \$25,000
Cobb,R Brian	Primary PI	School Of Education ** US Department of Education	Synthesizing Secondary School Effects (Project S3E) 10/1/01 - 9/30/04	01294401 \$1,777,974
Gloeckner,Gene Lyons,Linda M	Primary PI Co-PI	School Of Education NSF - National Science Foundation	Middle School Little Shop of Physics 6/1/01 - 5/31/04	01174901 \$1,309,390
Gloeckner,Gene	Primary PI	School Of Education MPR Associates, Inc	Teacher Preparation, Career & Technical Education 7/1/01 - 6/30/02	01285201 \$15,000

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## Applied Human Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Lehmann,Jean P	Primary PI	School Of Education	Exceeding Expectations: Model Demonstration Project	6/1/01 -	01235301
Davies,Timothy G	Co-PI	US Department of Education		5/31/05	\$630,000
Middleton,Valerie A	Primary PI	School Of Education	Contextualizing Teaching & Learning Through University-School Partnerships & Community Service	7/1/01 -	01263901
Tochterman,Suzanne M	Co-PI	Coca-Cola Foundation, Inc.		6/30/02	\$86,373
Middleton,Valerie A	Primary PI	School Of Education	Eisenhower Teacher Preparation, Professional Development, & Service-Learning Partnership	6/1/01 -	01279301
Tochterman,Suzanne M	Co-PI	CCHE-Commission on Higher Education		10/1/02	\$60,000
Paccione,Angela	Primary PI	School Of Education	Interactive Web-based Video Instruction for Accelerated Teacher Preparation: Preserving Quality in Alternative ...	7/1/01 -	01287201
Mcwhorter,Barbara A	Co-PI	US Department of Education		6/30/04	\$632,468
Paccione,Angela	Primary PI	School Of Education	Project Promise Technology Camp	6/25/01 -	01261701
		Colorado Institute of Technology		6/28/01	\$6,452
Safarik,Lynn	Primary PI	School Of Education	Feminist Transformation at UCLA: A Model of Dynamic Complexity	1/1/01 -	01201801
		Spencer Foundation		12/31/01	\$33,679
Tochterman,Suzanne M	Primary PI	School Of Education	Project Read: University-School Collaborative Joining to Meet the Needs of At-Risk Youth & Their Families	7/1/01 -	01276801
Middleton,Dyann H	Co-PI	United Parcel Service (UPS)		6/30/02	\$99,812
Yohon,Teresa I	Primary PI	School Of Education	Boosting Literacy in Technology Project	6/18/01 -	01261101
		Colorado Institute of Technology		6/29/01	\$25,593
Yohon,Teresa I	Primary PI	School Of Education	Building an On-line Credentialing System for Career/Technical Teachers (Colorado Credentialing Learning System)	10/1/01 -	01273301
		US Department of Education		9/30/04	\$341,296
Yohon,Teresa I	Primary PI	School Of Education	Online Mentoring/Supervision for Teachers & Counselors	10/1/01 -	01257801
Carlson,Laurie A	Co-PI	US Department of Education		9/30/04	\$267,015
Buchan,Victoria	Primary PI	Social Work	Evaluation of the Supporting Immigrant & Refugee Families Initiative	1/1/01 -	01209101
		Colorado Trust		12/31/02	\$250,000
Buchan,Victoria	Primary PI	Social Work	Interventions to Prevent Childhood Agricultural Injury & Disease	9/1/01 -	01274101
Rask,Glen	Co-PI	HHS-CDC-Centers for Disease Control		8/31/04	\$557,475
Seiz,Robert	Co-PI				
Keefe,Thomas J	Collaborator				
Granger,Ben P	Primary PI	Social Work	A Hospice Model for Animal-Assisted Therapy	7/1/01 -	01218201
		Open Society Institute (OSI)		6/30/03	\$60,000

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## Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Granger,Ben P	Primary PI	Social Work	7/1/01 -	01290301
Pope,Ellie T	Collaborator	Colorado Department of Human Service	6/30/02	\$219,990
Tungate,Susan	Collaborator			
Granger,Ben P	Primary PI	Social Work	8/1/01 -	01245901
		DOS - US Department of State	7/31/04	\$299,283
		The Systemic Role of Higher Education in Expanding Societal Inclusion within the Ukraine: Access, Mobility & Partnership		
Schatz,Mona Struhsaker	Primary PI	Social Work **	10/1/01 -	01309901
Cobb,R Brian	Co-PI	HHS-ACF-Admin. for Children & Families	9/30/03	\$499,319
		Children's Perceptions of Permanency: Building a Model that Promotes Successful Placement of Children in Adoption		
Schatz,Mona Struhsaker	Primary PI	Social Work	7/1/01 -	01250801
		University of Colorado	12/31/02	\$104,866
		Tobacco Use by Foster Care Youth & Professional Responses		
Sheafor,Bradford W	Primary PI	Social Work	1/1/02 -	01289801
Foster,Ashley	Collaborator	Dr. Scholl Foundation	1/31/02	\$29,198
Granger,Georgia	Collaborator			
		Human Animal Bond in Colorado		

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## Business - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Widener,Sally K	Primary PI	Accounting CIMA-Chartered Inst of Management Accts	Performance Measurement Systems in B2C Internet Firms	12/1/00 - 01211801 12/1/01 \$17,912
Mccarthy,Anne M	Primary PI	Business College Ewing Marion Kauffman Foundation	Kauffman Entrepreneur Internship Program	7/1/01 - 01237001 6/30/02 \$18,756
Hayne,Stephen C	Primary PI	Computer Information Systems ** NSF - National Science Foundation	Group Decision Making in Strategic Market Games	4/1/99 - 01204901 4/1/01 \$62,522
Hayne,Stephen C	Primary PI	Computer Information Systems DOD-NAVY	Shared Information & Virtual Surfaces	9/1/00 - 01167701 9/30/00 \$57,983
Smith,Charles A.P Clegg,Benjamin A Young,Peter	Primary PI Co-PI Co-PI	Computer Information Systems ** DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	2/12/01 - 01265501 12/31/01 \$80,250
Menon,Ajay	Primary PI	Dean Of Business CCHE-Commission on Higher Education	College of Business - Masters in Business Administration Program	7/1/01 - 01225001 6/30/05 \$616,385
Francis,G James Hivner,Walter	Primary PI Co-PI	Inst For Transportation Mgt LISBOA, Inc.	Denver County Seatbelt Usage Study	11/1/00 - 01174501 6/30/01 \$42,441
Francis,G James	Primary PI	Inst For Transportation Mgt Colorado Department of Transportation	2001 Adult & Juvenile Seatbelt Usage Studies	6/11/01 - 01312801 9/30/01 \$113,000
Hivner,Walter	Primary PI	Inst For Transportation Mgt Colorado Department of Transportation	Colorado State Seatbelt Usage Sample Survey Design	4/1/01 - 01297401 9/30/01 \$12,064
Kelly,Kathleen J Edwards,Ruth W	Primary PI Co-PI	Marketing ** University of Colorado	Preventing Tobacco Use in Rural Towns: Community-Based Media	7/1/01 - 01248601 6/30/04 \$696,933

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Cotton, William R	Primary PI	Atmospheric Science DOE - US Department of Energy	A Generalized Cloud & Convection Scheme	6/1/01 - 5/31/04	01264701 \$275,275
Cotton, William R	Primary PI	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	Estimation of Potential Indirect Cloud Effects of Aerosol Intrusions into the Arctic Basin on Climate	4/1/01 - 3/31/03	01215201 \$349,631
Cotton, William R	Primary PI	Atmospheric Science DOE - US Department of Energy	Estimation of Potential Indirect Radiative Effects of Aerosol Intrusions into the Arctic Basin on Climate	11/1/01 - 10/31/04	01283801 \$679,705
Demott, Paul J	Primary PI	Atmospheric Science NSF - National Science Foundation	Collaborative Research: A Coupled Modeling & Observational Study of Mixed-phase Arctic Stratus Clouds	4/1/02 - 3/31/05	01286901 \$59,322
Denning, A Scott Engelen, Richard J Randall, David A Stephens, Graeme L	Primary PI Co-PI Co-PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Global & Regional Carbon Flux Estimation Using Atmospheric CO2 Measurements from Spaceborne & Airborne Platforms	7/1/01 - 7/31/04	01232001 \$1,364,286
Denning, A Scott	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Improved Parameterization of Land-Surface Hydrology Using Earth Observing System Data Products in the Common ...	7/1/01 - 7/31/04	01220401 \$495,837
Denning, A Scott Suits, Neil S	Primary PI Co-PI	Atmospheric Science University of Colorado	Isotopic Tracers of Coupled Carbon & Water Fluxes Across a Shrub-Grassland Ecotone	1/1/02 - 12/31/05	01276201 \$287,781
Denning, A Scott	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Project Scientist Funds	6/1/01 - 5/31/03	01298101 \$230,225
Kreidenweis-Dandy, Soni	Primary PI	Atmospheric Science DOE - US Department of Energy	Integrated Analysis of In-Situ & Remotely Sensed Aerosol Properties at the SGP Site	11/1/01 - 10/30/03	01299701 \$152,227
Kreidenweis-Dandy, Soni Demott, Paul J	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Single-particle Mass Spectroscopy of Ice Nucleating Particles	9/1/01 - 8/31/03	01303001 \$144,991
Kummerow, Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Data Analysis & Optimization of Algorithmic Code	1/1/01 - 12/31/01	01239901 \$160,000
Kummerow, Christian D Berg, Wesley K	Primary PI Co-PI	Atmospheric Science NASA-Goddard	The Effects of Climate Regime on TRMM Retrievals	1/1/01 - 5/31/03	01231601 \$247,977

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Kummerow,Christian D	Primary PI	Atmospheric Science	The Extension of the TRMM Microwave	10/1/00 -	01193701
Austin,Richard T	Co-PI	NASA - Natl Aeronautics & Space Admin.	Rainfall & Vertical Structure Algorithm to Other Radiometers	9/30/01	\$170,000
Montgomery,Michael T	Primary PI	Atmospheric Science	Energy & Water Cycles within Hurricanes	6/15/01 -	01299301
		NASA - Natl Aeronautics & Space Admin.	Determined from High-Resolution Simulations	6/14/04	\$157,037
Montgomery,Michael T	Primary PI	Atmospheric Science **	Evaluating the Impact of Global Warming on	2/1/01 -	01220601
Kummerow,Christian D	Co-PI	NASA - Natl Aeronautics & Space Admin.	Hurricanes Using Satellite Data & a Suite of Cloud-Resolving	1/31/04	\$531,645
Montgomery,Michael T	Primary PI	Atmospheric Science	Fully Three-dimensional Stability Analyses &	5/1/01 -	01234001
Nolan,David S	Co-PI	NSF - National Science Foundation	Evolution of Hurricanes & Tornadoes with Secondary Circulations	4/30/04	\$428,870
Montgomery,Michael T	Primary PI	Atmospheric Science	Tropical Cyclogenesis via Non-Axisymmetric	3/1/01 -	01214801
		NSF - National Science Foundation	Upscale Cascade & Its Disruption by Vertical Shear	2/28/06	\$1,149,468
Pielke,Roger A	Primary PI	Atmospheric Science	Effects of Anthropogenic Changes in	9/1/01 -	01277601
		NASA - Natl Aeronautics & Space Admin.	Vegetation on the Atmosphere as Simulated by a Coupled Global Meteorological & ...	8/31/02	\$22,000
Pielke,Roger A	Primary PI	Atmospheric Science	Multiscale Convergence of Cold Land Process	5/1/01 -	01222601
Liston,Glen E	Co-PI	NASA - Natl Aeronautics & Space Admin.	Representation in Land Surface Models, Microwave Remote Sensing, & ...	4/30/04	\$297,149
Pielke,Roger A	Primary PI	Atmospheric Science	Regional Climate Modeling of High-Arctic	6/1/01 -	01177001
Liston,Glen E	Co-PI	NSF - National Science Foundation	Land- Snow-Ice-Ocean-Atmosphere Interactions: Application to Svalbard, Norwa	5/31/05	\$758,854
Pielke,Roger A	Primary PI	Atmospheric Science	Spatial Distributions of Solid Orographic	5/1/01 -	01230201
Liston,Glen E	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Precipitation & Snow Cover	4/30/04	\$154,423
Pielke,Roger A	Primary PI	Atmospheric Science	Human-Induced Land Cover Change,	12/1/00 -	01215001
		DOI-USGS-Geological Survey	Biophysical Responses, & Implications for Land Resource Management	11/30/01	\$68,615
Pielke,Roger A	Primary PI	Atmospheric Science	Use of EROS Data Center NDVI Analyses to	8/1/00 -	01166501
Parton,William J	Co-PI	DOI-USGS-Geological Survey	Improve Seasonal Weather Prediction & Regional Climate Analyses	7/31/01	\$64,000
Pielke,Roger A	Primary PI	Atmospheric Science	Services of Regional Atmospheric Modeling	7/1/00 -	01169601
		University of Puerto Rico	System (RAMS)	12/31/00	\$12,000

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Randall,David A	Primary PI	Atmospheric Science	A Geodesic Atmospheric General Circulation	6/1/01 -	01278101
Ringler,Todd D	Co-PI	DOE - US Department of Energy	Model with Quasi-Lagrangian Vertical Coordinates	5/31/04	\$613,930
Randall,David A	Primary PI	Atmospheric Science **	A Geodesic Climate Model with Quasi-	6/1/01 -	01277401
Ringler,Todd D	Collaborator	DOE - US Department of Energy	Lagrangian Vertical Coordinates	5/31/06	\$3,701,424
Schubert,Wayne H	Collaborator				
Randall,David A	Primary PI	Atmospheric Science	A Geodesic Climate Model with Quasi-	9/1/01 -	01222001
		NSF - National Science Foundation	Lagrangian Vertical Coordinates	8/31/06	\$4,123,374
Randall,David A	Primary PI	Atmospheric Science	ITR/AP (GEO): Creating a quasi-Lagrangian	9/1/01 -	01247601
Haertel,Patrick T	Co-PI	NSF - National Science Foundation	Dynamical Core for an Oceanic General Circulation Model	8/31/04	\$442,962
Randall,David A	Primary PI	Atmospheric Science	Variations of Convective Available Potential	5/1/01 -	01218301
Fowler,Laura Dorothy	Co-PI	NASA - Natl Aeronautics & Space Admin.	Energy on Decadal Time Scales	4/30/04	\$452,187
Rutledge,Steven A	Collaborator				
Rutledge,Steven A	Primary PI	Atmospheric Science	Development of an Advanced Multi-	8/1/01 -	01254601
Stephens,Graeme L	Co-PI	UMASS-University of Massachusetts	Frequency Radar for Atmospheric Research	7/31/04	\$215,013
Rutledge,Steven A	Primary PI	Atmospheric Science	ENSO-Forced Variability in the Structure of	6/1/01 -	01219101
Cifelli,Robert C	Co-PI	NASA - Natl Aeronautics & Space Admin.	Deep Convection & Associated Feedbacks to	5/31/04	\$375,180
Petersen,Walter A	Co-PI		Atmospheric Circulations		
Rutledge,Steven A	Primary PI	Atmospheric Science	The Colorado State University - CHILL Radar	7/1/01 -	01260401
Bringi,Viswanathan N	Co-PI	NSF - National Science Foundation	Facility	6/30/06	\$3,508,449
Venkatachalam,Chandras	Co-PI				
Rutledge,Steven A	Primary PI	Atmospheric Science	The Connection Among Water Vapor, Clouds	6/1/01 -	01221001
Petersen,Walter A	Co-PI	GIT-Georgia Institute of Technology	& Precipitation in the Global Hydrological Cycle Deduced from ESE...	5/31/02	\$47,630
Schubert,Wayne H	Primary PI	Atmospheric Science	Observational, Theoretical, & Modeling	3/1/01 -	01206001
Kossin,James P	Co-PI	NASA - Natl Aeronautics & Space Admin.	Research in Support of CAMEX	2/28/04	\$389,739
Sinclair,Peter C	Primary PI	Atmospheric Science	Airborne Clear Air Turbulence Detection &	12/1/00 -	01227101
		Rockwell-Collins Avionics & Communicatio	Warning System (Phase IIA Extension)	4/30/01	\$154,924
Stephens,Graeme L	Primary PI	Atmospheric Science	Application of Ground-based Lidar/Radiometer	11/1/01 -	01299801
Platt,C.Martin R	Co-PI	DOE - US Department of Energy	Methods to the Generation of Cloud Products for the ARM Program	10/31/04	\$403,509

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Stephens,Graeme L	Primary PI	Atmospheric Science	Center for Earth Atmosphere Studies AMSR-E	3/1/01 -	01265801
Kummerow,Christian D	Co-PI	NASA - Natl Aeronautics & Space Admin.	Algorithm Improvement Effort	2/28/02	\$150,000
Stephens,Graeme L	Primary PI	Atmospheric Science	Refinement, Validation & Application of Cloud-	11/1/01 -	01300201
Gabriel,Philip Mitri	Co-PI	DOE - US Department of Energy	Radiation Parameterizations in a GCM	10/31/04	\$780,144
Stephens,Graeme L	Primary PI	Atmospheric Science	Small Grant for Exploratory Research: Toward	4/1/01 -	01274701
		NSF - National Science Foundation	Evaluating a New Radiation Code in the NCAR	3/31/02	\$25,000
			Climate System Model		
Stephens,Graeme L	Primary PI	Atmospheric Science	CloudSat	7/15/00 -	01175501
		Calif. Inst. of Tech/Jet Propulsion Lab		12/31/00	\$65,000
Stephens,Graeme L	Primary PI	Atmospheric Science	Installation & Operation of the CSIRO/ARM	7/15/00 -	01192501
		Battelle, Pacific Northwest Laboratories	Mark II Narrow-Beam Spectral Infrared	12/31/00	\$23,858
			Radiometer at the SGP CART Site		
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering	Nanoscale Clusters in Polymeric Complexes	6/1/02 -	01312101
		Petroleum Research Fund		8/31/05	\$120,000
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering	Nanoscale Clusters in Polymeric Complexes	10/1/01 -	01272801
		DOE - US Department of Energy		9/30/04	\$579,147
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering	Polymeric Complexes with f-Block Salts from	2/1/01 -	01181601
		American Chemical Society	the Lanthanide Series	8/31/04	\$90,000
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering	Stimuli-Responsive Hydrogels Based on	5/1/01 -	01219601
		DOE - US Department of Energy	Polymeric Complexes with f-Block Salts from	4/30/04	\$418,738
			the Lanthanide Series		
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering	A Rational Development of Combinatorial	10/1/01 -	01308601
Ramsdell,Howard S	Co-PI	Utah State University	Phyto-Treatment of Multi-Metal Mine Waste	9/30/03	\$159,976
			Mixtures		
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering	Determining Pharmaceutical Fate in Plant	10/1/01 -	01249901
		EPA - Environmental Protection Agency	Systems & a Framework for Phytoremediation	9/30/04	\$241,403
			of Pharmaceutical-Contaminated Media		
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering **	Determining the Effect of Phosphate on	10/1/01 -	01228501
		USDA - US Department of Agriculture	Uptake, Metabolism & Fate of Arsenic in Plants	9/30/04	\$279,732
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering **	Immobilization of RDX & HMX in	10/1/01 -	01250501
Ramsdell,Howard S	Co-PI	DOD - US Department of Defense	Phytoremediation Systems for Effective Clean-	9/30/04	\$625,897
			up		

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## Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering EPA - Environmental Protection Agency	Pharmaceutical Contamination of Water: Determination of their Fate in Plants & Potential for Phytoremediation	10/1/00 - 01176001 9/30/03 \$212,812
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering **	Studies on the Uptake & Treatability of	10/1/01 - 01250001
Pilon-Smits,Elizabeth A.	Co-PI	EPA - Environmental Protection Agency	Arsenic in Phytoremediation Systems	9/30/04 \$433,901
Ramsdell,Howard S	Co-PI			
Dandy,David S	Primary PI	Chemical & Biores Engineering **	Multianalyte Sensing Based on Optical	5/1/01 - 01213701
Grainger,David W	Co-PI	NSF - National Science Foundation	Detection of Binding to Protein Nanoarrays	4/30/05 \$1,898,188
Lear,Kevin	Co-PI			
Rearдон,Kenneth F	Co-PI			
Van Orden,Alan K	Co-PI			
Wilmsen,Carl W	Collaborator			
Dandy,David S	Primary PI	Chemical & Biores Engineering **	Virus Detection in Aqueous Streams Using	10/1/01 - 02313901
Grainger,David W	Co-PI	EPA - Environmental Protection Agency	Optical Detection of Binding to Protein	9/30/04 \$449,303
Lear,Kevin	Co-PI		Nanoarrays	
Rearдон,Kenneth F	Co-PI			
Van Orden,Alan K	Co-PI			
Wilmsen,Carl W	Co-PI			
Karim,M Nazmul	Primary PI	Chemical & Biores Engineering	Center for Graduate Studies in Agricultural	8/1/01 - 01287701
Batt,Brian C	Co-PI	USDA - US Department of Agriculture	Industry of the Future	7/31/05 \$2,198,229
Broner,Israel	Co-PI			
Byrne,Patrick F	Co-PI			
Henk,Linda L	Co-PI			
Hughes,Harrison G	Co-PI			
Khosla,Raj	Co-PI			
Linden,James C	Co-PI			
Rearдон,Kenneth F	Co-PI			
Vivanco,Jorge M	Co-PI			
Wickramasinghe,Ranil	Co-PI			
Karim,M Nazmul	Primary PI	Chemical & Biores Engineering	Planning Visit to Bangladesh: Arsenic	3/1/01 - 01237601
Wickramasinghe,Ranil	Co-PI	NSF - National Science Foundation	Removal from Drinking Water	2/28/02 \$3,690
Linden,James C	Primary PI	Chemical & Biores Engineering **	Agricultural Industries of the Future	7/1/01 - 01279001
Henk,Linda L	Co-PI	Bateman-Merrick		6/30/05 \$640,981
Karim,M Nazmul	Co-PI			

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Linden,James C	Primary PI	Chemical & Biores Engineering **	Industrial Materials for the Future by Peracetic Acid Treatment of Lignin	11/30/01 -	01303201
Schroeder,Herbert A	Co-PI	DOE - US Department of Energy		11/30/06	\$766,169
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering NSF - National Science Foundation	Advanced Biosensor Technology: Use of DNA Shuffling & Chemometrics for Multianalyte Monitoring	1/1/01 - 12/31/03	01198301 \$598,833
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering **	Elucidating the Roles of Plants & Microorganisms in the Rhizosphere	9/1/01 -	01255701
Duteau,Nancy M	Co-PI	EPA - Environmental Protection Agency	Remediation of Polycyclic Aromatic Hydrocarbons	8/31/04	\$445,772
Klein,Donald A	Co-PI				
Pilon-Smits,Elizabeth A.	Co-PI				
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering DOE - US Department of Energy	Impact of Organic & Metal Co-Contaminants on the Biotransformations of Redox-Active Metals	9/1/01 - 8/31/04	01269601 \$835,692
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Lumped Chemical Approach for Fate & Transport Modeling of Organic Pollutant Mixtures	10/1/00 -	01178701
Duteau,Nancy M	Co-PI	EPA - Environmental Protection Agency		9/30/03	\$721,695
Shackelford,Charles D	Co-PI				
Rinker,Kristina D	Primary PI	Chemical & Biores Engineering Whitaker Foundation	Evaluation of Shear Stress Induced Endothelial Cell Dysfunction	1/1/02 - 12/31/04	01306701 \$240,000
Rinker,Kristina D	Primary PI	Chemical & Biores Engineering PEW Charitable Trusts	Investigation of Molecular & Cellular Events Leading to Initiation & Propagation of Cardiovascular Disease	7/1/01 - 6/30/03	01211601 \$120,000
Rinker,Kristina D	Primary PI	Chemical & Biores Engineering HHS-NIH-National Institutes of Health	Pressure & Angiotensin Effects on Vascular Endothelium	12/1/01 - 11/30/06	01251701 \$999,934
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	01250201 \$109,626
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering NSF - National Science Foundation	Career: Virus Clearance by Flocculation During Bioreactor Harvesting	7/1/01 - 8/31/01	01214701 \$17,376
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering ** NSF - National Science Foundation	Career: Virus Clearance by Flocculation During Bioreactor Harvesting; Matching Award Supplement	3/1/01 - 2/28/02	01200901 \$25,000
Adams,Christopher R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Community & Organizational Use of Short & Mid-Range Heat Wave Climate	9/1/01 - 8/30/04	01286801 \$478,023

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Adams, Christopher R	Primary PI	CIRA	Winter Weather Local Impacts Forecast Assessment: Test of Prototype Improvement of Forecast & Warning Services	1/1/01 -	01225701
		DOC-NOAA-NWS-National Weather Service		12/31/02	\$68,174
Browning, Gerald L	Primary PI	CIRA	Investigation of Boundary Conditions & Numerical Methods for Littoral Flows	1/1/01 -	01207301
		DOD - US Department of Defense		12/31/02	\$224,237
Campbell, G. Garrett	Primary PI	CIRA	Water Vapor, Clouds & Surface Temperature: Empirical Analysis of Daily Data	7/15/01 -	02315301
Forsythe, John M	Co-PI	NSF - National Science Foundation		6/30/02	\$75,397
Vonderhaar, Thomas H	Co-PI				
Connell, Bernadette H	Primary PI	CIRA	Development of a Virtual Laboratory Web Server for International Satellite Meteorology Training	7/1/01 -	02316501
		DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/02	\$35,500
Connell, Bernadette H	Primary PI	CIRA	Thunderstorm Observations & Research	1/1/04 -	01252701
		NASA - Natl Aeronautics & Space Admin.		8/31/06	\$76,730
Connell, Bernadette H	Primary PI	CIRA	Development & Implementation of GOES Rainfall & Fire Detection Products for Guatemala	7/1/01 -	01265301
		DOS-AID-Agency for Inter. Development		6/30/02	\$40,000
Doesken, Nolan J	Primary PI	CIRA	A High Resolution Volunteer Network for Rain & Hail Verification & Research	6/1/01 -	01275201
Pielke, Roger A	Co-PI	UCAR-NCAR-COMET Atmospheric Tech. Divis.		5/31/03	\$64,354
Fox, Douglas G	Primary PI	CIRA	Assistance for Visibility Data Analysis & Image Display Techniques	9/1/01 -	02318801
		DOI-NPS-National Park Service		8/31/02	\$924,651
Fox, Douglas G	Primary PI	CIRA	Regional Modeling Center	3/1/01 -	01216801
		Western States Air Resources Council		12/31/02	\$219,025
Grasso, Lewis O	Primary PI	CIRA	A Study of the Interaction between a Thunderstorm & Pre-existing Cold Pool	12/1/01 -	01288001
		NSF - National Science Foundation		11/30/02	\$91,770
Grasso, Lewis O	Primary PI	CIRA	An Observational & Modeling Study of Left Moving Thunderstorms	7/1/01 -	01200501
		NSF - National Science Foundation		6/30/03	\$99,367
Greenwald, Thomas J	Primary PI	CIRA	Validation of AMSR-E Columnar Cloud Water Product Using Surface Remote Sensing Observations & Visible/Infrared...	1/1/01 -	01168401
		NASA - Natl Aeronautics & Space Admin.		12/31/03	\$329,982
Iyer, Hariharan K	Primary PI	CIRA	Statistical Analyses Related to Air Quality & Atmospheric Visibility	9/1/01 -	02318501
		DOI-NPS-National Park Service		8/31/02	\$73,337

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Johnson,Lynn	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	F2D Flash Flood Forecasting Assessment	7/1/00 - 12/31/00	01182501 \$30,023
Johnson,Richard H	Primary PI	CIRA	Coupling between Monsoon Convection & Subtropical Highs in the PACS Region on Subseasonal to Interannual Time Scales	7/1/01 - 6/30/04	01256001 \$380,621
Schubert,Wayne H	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn			
Kidder,Stanley Q	Primary PI	CIRA	Continued Development of Advanced Applications Products Using Advanced Microwave Sounding Unit Data	7/1/01 - 6/30/04	01273501 \$463,948
Jones,Andrew S	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn			
Knaff,John A	Primary PI	CIRA M.I.T. Massachusetts Institute of Tech.	Advanced Altimeter Analysis to Improve Hurricane Intensity Forecasts	1/1/02 - 12/31/04	01289701 \$124,612
Knaff,John A	Primary PI	CIRA NASA - Natl Aeronautics & Space Admin.	Applications of the TRMM Microwave Imager to Study Tropical Cyclone Intensity, Structure & Precipitation	4/1/01 - 3/31/04	01174601 \$321,460
Knaff,John A	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Beyond El Nino-Southern Oscillation Climatology & Persistence (ENSO-CLIPER): A Second Generation ENSO Forecast Model	7/1/01 - 6/30/03	01250401 \$66,086
Knaff,John A	Primary PI	CIRA DOD-NAVY-ONR-Office of Naval Research	Development & Implementation of a Statistical Typhoon Intensity Prediction Scheme for the Western North Pacific	1/1/01 - 12/31/01	01243701 \$65,000
Kreidenweis-Dandy,Soni	Primary PI	CIRA	Analysis of BRAVO Study Results & Studies of Smoke Aerosol & Its Impact on Regional Haze	9/1/01 - 8/31/02	02316801 \$320,000
Collett,Jeffrey L. Jr	Co-PI	DOI-NPS-National Park Service			
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	6/1/01 - 5/31/04	01225601 \$292,824
Matsumoto,Clifford R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	CIRA Activities & Participation in National Geophysical Data Center Data Repository, Processing & Management	3/1/01 - 9/30/01	01262301 \$55,968
Montgomery,Michael T	Primary PI	CIRA	Theoretical, Observational, & Laboratory Analyses of the Mesoscale Vorticity & Wind Structure in Hurricanes	3/1/01 - 2/28/04	01235801 \$922,423
Schubert,Wayne H	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn			
Pielke,Roger A	Primary PI	CIRA	Ensemble Simulations of Regional Climate Incorporating Explicit Vegetation Dynamics & Terrestrial ...	5/1/01 - 4/30/04	01225801 \$267,905
Liston,Glen E	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn			

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Randall,David A	Primary PI	CIRA	Interactions of the Monsoons & Anticyclones in the Coupled Atmosphere-Ocean System	7/1/01 -	01249801
Ringler,Todd D	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/04	\$327,313
Schubert,Wayne H	Primary PI	CIRA	Development of a Forward Model for Hurricane Initialization	7/1/01 -	01252901
		UCAR-NCAR-COMET Atmospheric Tech. Divis.		6/30/02	\$22,000
Stephens,Graeme L	Primary PI	CIRA	Impact Assessment of Measurements of CO2 from Space, Including CrIS & HIRS/(A)MSU	7/1/01 -	01309001
Denning,A Scott	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/04	\$281,672
Engelen,Richard J	Co-PI				
Vonderhaar,Thomas H	Primary PI	CIRA	Air-Sea Interaction Remote Sensing Processes	7/1/01 -	01302301
Frisch,Alfred S	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/02	\$56,502
Vonderhaar,Thomas H	Primary PI	CIRA	Development of a Statistical Tropical Cyclone Rainfall Algorithm	10/1/00 -	01212101
		Insurance Friends of the National Hurric		9/30/01	\$20,061
Vonderhaar,Thomas H	Primary PI	CIRA	Development of Extend-Range Tropical Cyclone Intensity Forecast Techniques	7/1/00 -	01171101
		Insurance Friends of the National Hurric		6/30/01	\$22,300
Vonderhaar,Thomas H	Primary PI	CIRA	Enhanced Communications at CIRA for the Development of Real-time Evaluation of Advanced Microwave Sounder ...	7/1/01 -	01280501
		DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/02	\$50,000
Vonderhaar,Thomas H	Primary PI	CIRA	Funds for the Cooperative Institute for Research	7/1/01 -	01228001
		DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/06	\$63,875,756
Vonderhaar,Thomas H	Primary PI	CIRA	Investigation of the Information Content of AIRS Measurements: A Necessary Step for Proper Data Utilization	1/1/01 -	01177901
Jones,Andrew S	Co-PI	NASA - Natl Aeronautics & Space Admin.		12/31/02	\$250,370
Kidder,Stanley Q	Co-PI				
Vonderhaar,Thomas H	Primary PI	CIRA	Development of an International Workstation Network to Foster Collaborative Satellite Research, Data ...	7/1/00 -	01170501
		DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$16,000
Vukicevic,Tomislava	Primary PI	CIRA	Fast Fluxes & Slow Pools: Integrating Eddy Covariance & Ecosystem Process Data within a Data Assimilation ...	6/1/01 -	01239101
		NASA - Natl Aeronautics & Space Admin.		5/30/04	\$221,030
Vukicevic,Tomislava	Primary PI	CIRA	Impact of New Satellite Measurements on 4D Data Assimilation & Analysis of the Water Cycle	6/1/01 -	01221101
Greenwald,Thomas J	Co-PI	NASA - Natl Aeronautics & Space Admin.		5/30/04	\$582,755
Jones,Andrew S	Co-PI				
Vukicevic,Tomislava	Primary PI	CIRA	Intercontinental Transport of Asian Anthropogenic Pollutants to North America	5/1/01 -	01221301
		DOC-NOAA-Natl Oceanic & Atmospheric Admn		4/30/04	\$80,546

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## Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Abt,Steven R	Primary PI	Civil Engineering Nuclear Regulatory Commission	Workshop Presentation 10/3/00 - 10/5/00	01194801 \$4,631
Bienkiewicz,Bogusz J	Primary PI	Civil Engineering	Acquition of Instrumentation to Support Integrated Research & Education in	7/1/01 - 01255101
Meroney,Robert N	Co-PI	NSF - National Science Foundation	6/30/03	\$315,258
Neff,David E	Co-PI		Windstorm Hazard Reduction	
Bienkiewicz,Bogusz J	Primary PI	Civil Engineering NSF - National Science Foundation	Wind Loading Assessment for Low-Rise Buildings	8/1/01 - 1/31/03 01285101 \$149,945
Bledsoe,Brian	Primary PI	Civil Engineering	Geomorphic Assessment of Fisheries	7/1/01 - 02316101
Anderson,Russell	Co-PI	DOI-Bureau of Reclamation	Enhancement Features on the Big Sandy River, Wyoming	12/31/02 \$19,297
Broner,Israel	Primary PI	Civil Engineering	Crop Management Decision Support for Farm & Environmental Stability	9/1/01 - 01300301
Bartolo,Michael E	Co-PI	USDA - US Department of Agriculture		8/31/04 \$590,729
Berrada,Abdelfettah	Co-PI			
Dillon,Merlin A	Co-PI			
Schneekloth,Joel	Co-PI			
Sutherland,P Lorenz	Co-PI			
Broner,Israel	Primary PI	Civil Engineering **	Decision Support System Integrating Remote Sensing & Multidisciplinary Precision Farming Strategies	9/1/01 - 01296201
Bausch,Walter C	Co-PI	USDA - US Department of Agriculture		8/31/05 \$1,999,940
Cipra,Jan E	Co-PI			
Kaan,Dennis A	Co-PI			
Khosla,Raj	Co-PI			
Loftis,Jim C	Co-PI			
Westfall,Dwayne G	Co-PI			
Westra,Philip	Co-PI			
Broner,Israel	Primary PI	Civil Engineering **	Developing Agronomic Parameter Estimations from Remote Sensing Data	2/15/01 - 2/14/03 01253801 \$553,965
Westfall,Dwayne G	Co-PI	Astrium		
Westra,Philip	Co-PI			
Carlson,Kenneth H	Primary PI	Civil Engineering	Application of Ground Water Hydrology & Sediment Transport Models to the Evaluation of Riverbank Filtration for...	11/1/00 - 7/1/03 01198501 \$339,096
Bledsoe,Brian	Co-PI	EPA - Environmental Protection Agency		
Durnford,Deanna S	Co-PI			
Carlson,Kenneth H	Primary PI	Civil Engineering USDA - US Department of Agriculture	Evaluation of Enhanced Bank Stabilization Structures for Reducing Nutrient Contamination	6/1/01 - 12/31/04 01229401 \$337,036

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Criswell,Marvin E	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	When Ecologies Collide? Planetary Protection Issues in the Human Exploration of Mars	3/1/01 -	01298301
				9/30/01	\$52,950
Garcia,Luis	Primary PI	Civil Engineering	A Stochastic Approach to Environmental	6/1/01 -	01228201
Durnford,Deanna S	Co-PI	USDA - US Department of Agriculture	Exposure Assessment Related to Groundwater Nitrate Contamination	5/31/04	\$347,925
Garcia,Luis	Primary PI	Civil Engineering DOE - US Department of Energy	Framework for Decision Support System for Rocky Flats	4/15/01 -	01278701
				12/31/06	\$41,927
Garcia,Luis	Primary PI	Civil Engineering Tetra, Inc.	Technical Support for Total Maximum Daily Loads & Watershed Assessments & Total Maximum Daily Load Determinations ...	4/1/01 -	01217101
				3/31/06	\$266,549
Gates,Timothy K	Primary PI	Civil Engineering Fort Lyon Canal Comapny	Evaluation of Seepage Losses from the Fort Lyon Canal	5/15/01 -	01293001
				12/31/01	\$14,792
Gessler,Daniel	Primary PI	Civil Engineering NSF - National Science Foundation	Prediction of Discontinuity in Stdge-Discharge Rating Curves	1/1/01 -	01196301
				12/31/03	\$336,393
Gessler,Daniel	Primary PI	Civil Engineering AJS Hydro, Inc.	Numerical Modeling of Smithland Lock & Dam: Phase I	9/1/00 -	01184401
				11/30/00	\$11,240
Grigg,Neil S	Primary PI	Civil Engineering DOS-AID-Agency for Inter. Development	Building Workforce Capacity in Water Resources Management & Higher Education	12/1/00 -	01202301
				9/30/02	\$99,784
Grigg,Neil S	Primary PI	Civil Engineering	Corporate Environmental Performance: Roles of Scientists & Engineers	10/1/00 -	01175301
Vlachos,Evan C	Co-PI	EPA - Environmental Protection Agency		9/30/03	\$321,009
Grigg,Neil S	Primary PI	Civil Engineering DOC-NIST-Nat. Inst. Standards & Tech..	Information & Communications in Road, Water, & Electricity Infrastructures	10/1/01 -	02314501
				9/30/02	\$97,181
Grigg,Neil S	Primary PI	Civil Engineering American Water Works Assc. Research Fd.	Synthesis Documents on Infrastructure Integrity	9/1/01 -	02319401
				8/31/03	\$250,000
Grigg,Neil S	Primary PI	Civil Engineering USDA - US Department of Agriculture	Water Supply Management for Humid Region Agriculture	11/1/00 -	01225201
				10/31/03	\$480,694
Hartnagel,Bryan	Primary PI	Civil Engineering NSF - National Science Foundation	CAREER: Innovative Uses of the Frequency of Vibration Technique in Structural Engineering	4/1/01 -	01176301
				3/31/06	\$375,000
Hartnagel,Bryan	Primary PI	Civil Engineering National Coop. Highway Research Program	Effective Slab Width for Composite Steel Bridge Members	2/1/01 -	01210201
				1/31/02	\$200,000

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Hartnagel,Bryan	Primary PI	Civil Engineering US Department of Education	Graduate Assistance in Areas of National Need Fellowship Program	7/1/01 - 6/30/04	01235201 \$378,517
Heyliger,Paul R	Primary PI	Civil Engineering USDA - US Department of Agriculture	A Network Model for Wood-Fiber Composites	9/1/01 - 8/30/04	01245501 \$203,052
Heyliger,Paul R	Primary PI	Civil Engineering CAMI-Advanced Materials Institute/Colo.	Electromagnetic & Acoustic Map of Combinatorial Libraries	6/1/01 - 6/30/02	01289901 \$10,000
Heyliger,Paul R Hartnagel,Bryan	Primary PI Co-PI	Civil Engineering NSF - National Science Foundation	REU: Studies in Vibration & Sound	1/1/01 - 12/31/03	01190801 \$303,693
Junna,Mohan Reddy Fontane,Darrell G	Primary PI Co-PI	Civil Engineering NSF - National Science Foundation	Virtual Reality & Remote Web-based Laboratory for Revolutionizing Hydraulic & Hydrologic Engineering Education	1/1/02 - 12/31/04	01307501 \$452,326
Labadie,John W	Primary PI	Civil Engineering State of Oklahoma	Integration of MODSIM & Geographic Information System with Application to the Saradis Lake & Kiamichi River Basin ...	7/1/01 - 6/30/02	01293501 \$105,584
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	10/1/01 - 9/30/04	01295001 \$399,716
Nelson,John D	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Mars Soil Mechanics Investigation	1/1/02 - 12/31/04	01255201 \$178,483
Oad,Ramchand	Primary PI	Civil Engineering State of New Mexico	Improving Performance of the Middle Rio Grande Irrigation System	5/15/01 - 1/14/03	01281001 \$91,922
Podmore,Terence H	Primary PI	Civil Engineering ** HASNA Inc.	Specialized Training in Irrigation Management	9/11/00 - 12/31/00	01169201 \$47,749
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	3/1/01 - 2/28/04	01198401 \$283,687

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Ramirez,Jorge A	Primary PI	Civil Engineering University of Colorado	The Coupled Atmosphere-Surface Hydrologic Response to ENSO Forcing in Northwestern South America: The Impacts of ...	7/1/01 - 6/30/04	01247701 \$131,265
Ramirez,Jorge A	Primary PI	Civil Engineering	The Water, Atmosphere, Terrestrial-ecosystem Education & Research Training Program at Colorado State University	8/1/01 - 7/31/06	01174201 \$2,525,600
Ojima,Dennis	Co-PI	NSF - National Science Foundation			
Pielke,Roger A	Co-PI				
Roesner,Larry A	Primary PI	Civil Engineering **	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
Cheng,Antony S	Co-PI	NSF - National Science Foundation			
Covich,Alan P	Co-PI				
Kondratieff,Boris C	Co-PI				
Saito,Laurel	Co-PI				
Baron,Jill	Collaborator				
Bledsoe,Brian	Collaborator				
Loftis,Jim C	Collaborator				
Saito,Laurel	Primary PI	Civil Engineering **	Modeling Reservoir Ecosystem Dynamics Under Reduced Agricultural Demands	7/1/01 - 6/30/04	01227901 \$347,003
Fontane,Darrell G	Co-PI	USDA - US Department of Agriculture			
Johnson,Brett Michael	Co-PI				
Loftis,Jim C	Co-PI				
Saito,Laurel	Primary PI	Civil Engineering **	Modeling the Effects of Local & Long Distance Demands on Reservoir Ecosystem Dynamics	7/1/01 - 6/30/04	01235701 \$498,404
Fontane,Darrell G	Co-PI	NSF - National Science Foundation			
Johnson,Brett Michael	Co-PI				
Loftis,Jim C	Co-PI				
Salas,Jose D	Primary PI	Civil Engineering NSF - National Science Foundation	Collaborative Research: Characterizing & Modeling the Variability of Hourly Precipitation	1/1/02 - 12/31/04	01301701 \$146,394
Shackelford,Charles D	Primary PI	Civil Engineering **	Acquisition of Equipment for Inter- & Intra-Departmental Integration of Research & Training in ...	8/1/01 - 7/31/03	01257401 \$346,503
Bhadra,Rajiv	Co-PI	NSF - National Science Foundation			
Carlson,Kenneth H	Co-PI				
Reardon,Kenneth F	Co-PI				
Shackelford,Charles D	Primary PI	Civil Engineering Environmental Research & Education Found	Assessing the Design & Performance of Alternative Liners for Municipal Solid Waste Disposal: Research, Education & ...	6/1/01 - 5/31/03	01282701 \$135,276
Shackelford,Charles D	Primary PI	Civil Engineering NSF - National Science Foundation	Matrix Interactions & Diffusive Transport of Permanganate for In Situ Treatment of Organic Compounds	6/1/01 - 5/31/04	01252401 \$169,946

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Shackelford, Charles D	Primary PI	Civil Engineering NSF - National Science Foundation	Membrane Behavior of Clay Soil Barrier Materials	6/1/01 - 5/31/04	01201101 \$172,758
Shackelford, Charles D	Primary PI	Civil Engineering **	Rocky Mountain Regional Hazardous Substance Research Center	10/1/01 -	02316701
Clements, William H	Co-PI	EPA - Environmental Protection Agency		9/30/06	\$3,999,645
Julien, Pierre Y	Co-PI				
Reardon, Kenneth F	Co-PI				
Woods, Sandra L	Co-PI				
Siller, Thomas J	Primary PI	Civil Engineering	Experimental Verification of Fractal Flow Relations	8/15/01 - 8/15/04	01268101 \$414,144
Folkestad, James E	Co-PI	NSF - National Science Foundation			
Thornton, Christopher I	Primary PI	Civil Engineering	Countermeasures to Protect Bridge Abutments from Scour	3/1/01 - 3/31/03	01209501 \$450,000
Abt, Steven R	Co-PI	US Department of Transportation			
Watson, Chester C	Primary PI	Civil Engineering	Mississippi River Dike Field Investigation	7/1/00 -	01167501
Bledsoe, Brian	Co-PI	MEVATEC Corporation		12/31/00	\$78,206
Thornton, Christopher I	Co-PI				
Watson, Chester C	Primary PI	Civil Engineering	Technical Assistance to Tennessee State University to Assist in Preparing a Hydraulic Research Flume	2/15/01 - 12/31/02	01263301 \$29,130
Abt, Steven R	Collaborator	East Tennessee State University			
Wilkins-Wells, John Rees	Primary PI	Civil Engineering **	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado	7/1/01 - 6/30/02	01235501 \$136,132
Podmore, Terence H	Co-PI	Colorado State Water Conservation Board			
Elhakim, Omnia	Primary PI	Dean Of Engineering	Colorado Alliance for Minority Participation - (Co-AMP) - Phase II	11/1/01 - 10/31/06	01260301 \$4,700,000
Gessler, Johannes	Co-PI	NSF - National Science Foundation			
Gallagher, Neal C	Primary PI	Dean Of Engineering	Partnership for Bioengineering Innovation in Colorado	12/1/00 - 11/30/03	01166401 \$598,210
James, Susan P	Co-PI	NSF - National Science Foundation			
Azimi-Sadjadi, Mahmood	Primary PI	Elec. & Computer Engineering	Detection & Classification of Underwater Targets in Heavy Reverberation & Clutter Using Canonical Coordinate ...	10/1/01 - 9/30/03	01278301 \$228,946
Scharf, Louis L	Co-PI	DOD-NAVY-ONR-Office of Naval Research			
Azimi-Sadjadi, Mahmood	Primary PI	Elec. & Computer Engineering	Detection & Classification of Underwater Targets in Heavy Reverberation & Clutter Using Canonical Coordinate ...	10/1/01 - 9/30/03	02317901 \$228,946
Scharf, Louis L	Co-PI	DOD-NAVY-ONR-Office of Naval Research			
Azimi-Sadjadi, Mahmood	Primary PI	Elec. & Computer Engineering	Relevance Feedback	6/1/01 - 5/31/02	01311901 \$62,676
		Hewlett Packard *			

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## Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Azimi-Sadjadi,Mahmood	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	A Biologically Inspired Adaptive Underwater Target Classification - Phase II	11/15/00 - 01216301 11/14/02 \$190,857
Burleigh,Joan M James,Susan P	Primary PI Co-PI	Elec. & Computer Engineering HHS-NIH-National Institutes of Health	Binaural Asynchronies & Human Performance	7/1/01 - 01182401 6/30/06 \$4,090,383
Collins,George J	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Electron Beam Stimulated Nano-scale IC Etching	4/1/01 - 01210401 3/31/02 \$98,917
Collins,George J	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Higher Fidelity Etch Profiles & Reduced Charge Damage in Integrated Circuit Manufacturing by Neutralizing Charge ...	4/1/01 - 01191801 3/31/04 \$456,950
Collins,George J	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Measuring Electron Emission Coefficients, gamma(E) & Modeling Sheath Electron Current for CERMET Plasma Electrodes	4/1/01 - 01185501 3/31/04 \$424,194
Jayasumana,M A Anura	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	ITR/SI: Integrated Protocol Design for Wireless Networks	10/1/01 - 01248501 9/30/03 \$218,670
Lile,Derek L	Primary PI	Elec. & Computer Engineering Purdue University	A Distributed Computing System Resource Management Approach Based on Dynamic Workflows	8/1/01 - 01259101 7/31/04 \$289,709
Lile,Derek L	Primary PI	Elec. & Computer Engineering Purdue University	Network Control via Online Sampling	6/28/01 - 01260501 6/27/03 \$149,966
Lile,Derek L	Primary PI	Elec. & Computer Engineering DOE - US Department of Energy	Remote Autonomous Dexterity	8/1/01 - 01233401 7/31/04 \$396,713
Maciejewski,Anthony Lile,Derek L	Primary PI Co-PI	Elec. & Computer Engineering Florida A&M University	Software for Failure Tolerant Control of Mobile Robotic Systems	6/1/01 - 01247801 5/31/04 \$266,212
Nassar,Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Application of Carrier Interferometry to Fiber- Optic Communications: A Survey	7/1/01 - 01257101 6/30/02 \$30,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Base-Station Antenna Arrays with Combined Directionality & Transmit Diversity: Fading Effect Characterization ...	10/1/01 - 01269501 9/30/03 \$144,279
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 - 01232301 6/30/02 \$40,000

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Enabling Multiple Access Technology for Broadband Wireless Exchange	7/1/01 - 6/30/03	01199901 \$144,653
Nassar,Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Enhancing Bluetooth via Carrier Interferometry: A Survey	5/1/01 - 8/31/01	01257001 \$5,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering CIAN Systems, Inc.	High-Throughput, High-Performance Short- Range Wireless Based on IEEE 802.11	1/1/02 - 1/1/04	02318601 \$237,413
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Joint Multi-Carrier Multi-User Detection for Future-Generation High-Capacity Wireless Networks	7/1/01 - 6/30/03	01200001 \$219,533
Nassar,Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Joint Radio System: Efficiency, Elegance & Power through Carrier Interferometry Technology (Multi-Carrier)	1/1/02 - 1/1/04	02315901 \$265,608
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Multiple Access Technologies for the High- Capacity Wireless Network of the Future	1/1/01 - 12/31/06	01175101 \$315,654
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Soft-Layering for Next-Generation Wireless	6/1/01 - 5/31/04	01217701 \$478,084
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	01252301 \$143,554
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Center for Extreme Ultraviolet Science & Technology	8/1/02 - 7/31/07	01186001 \$11,891,036
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering Univ. California-Lawrence Livermore Lab	Dense Plasma Characterization Using Transient X-ray Laser Interferometry	10/1/01 - 9/30/02	01287301 \$28,940
Rocca,Jorge J G	Primary 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	01308401 \$23,600
Scharf,Louis L	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Collaborative Research: Signal Processing & Channel Modelling in Low-Dimensional Subspaces for Wireless ...	9/1/01 - 8/31/04	01255901 \$250,003
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 ...	3/1/01 - 9/30/02	01280901 \$153,524

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Scharf,Louis L	Primary PI	Elec. & Computer Engineering CASI-Colorado Advanced Software Inst.	Subspace Methods for the Demixing of Hyperspectral Images	7/1/01 - 6/30/02	01250901 \$44,000
Rutledge,Steven A	Co-PI	Elec. & Computer Engineering	ITR/AP Sensor Fusion & Networking of Radars for Multiple Doppler & In-situ Observations	10/1/01 - 9/30/06	01244201 \$2,940,032
Bringi,Viswanathan N	Collaborator	NSF - National Science Foundation			
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	ITR/AP: Virtual Polarimetric Doppler Radar Environment for Research & Education	10/1/01 - 9/30/04	01252201 \$497,075
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA - Natl Aeronautics & Space Admin.	Microphysical Retrieval of Hurricanes	10/1/01 - 9/30/04	01239201 \$386,650
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering Florida State University	Scatterometer-Derived Operational Winds, Surface Pressures, & Rain	8/1/01 - 7/31/04	01289101 \$75,000
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA - Natl Aeronautics & Space Admin.	Spareborne Observations of Precipitation Using NASA/Tropical Rainfall Measurement Mission & GPM Missions	9/1/01 - 6/30/02	01278601 \$22,000
Duff,William S	Primary PI	Mechanical Engineering California Energy Commission	Design, Testing & Evaluation of Low Cost Completely Passive Solar Loop Heat Pipe Domestic Hot Water, Space ...	7/1/01 - 6/30/02	01260901 \$74,923
James,Susan P	Primary PI	Mechanical Engineering	Integrative Doctoral Training in the Design & Analysis of Medical Biomaterials	6/1/01 - 5/31/06	01174101 \$2,641,948
Grainger,David W	Co-PI	NSF - National Science Foundation			
James,Susan P	Primary PI	Mechanical Engineering ** Colorado Institute of Technology	Learn to Dream Summer Camp for Middle School Girls	6/1/01 - 12/1/01	01261901 \$33,986
Mccarthy,Anne M	Co-PI				
Aloise-Young,Patricia A	Collaborator				
James,Susan P	Primary PI	Mechanical Engineering School of Mines	Non-Uniformly Porous Orthopedic Biomaterials	7/1/01 - 6/30/04	01179701 \$160,446
James,Susan P	Primary PI	Mechanical Engineering School of Mines	Normative Model for Bone Ingrowth into Porous Biomaterials in Rabbits	6/1/01 - 5/31/04	01192101 \$55,443
James,Susan P	Primary PI	Mechanical Engineering University of Colorado	Biomedical Engineering Program Collaboration to Expand BioServe's Spaceflight Biomedical Testing Program	2/1/01 - 1/31/04	01247301 \$208,470
Kirkpatrick,Allan T	Primary PI	Mechanical Engineering Pipeline Research Council International	CFD Modeling of Gas Flow & Mixing in a Two- Stroke, Natural Gas Engine	9/1/00 - 6/30/01	01202801 \$102,071

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Olsen,Daniel B	Primary PI	Mechanical Engineering GTI-Gas Technology Institute	Combustion Visualization in a Large Bore Natural Gas Engine	3/1/01 - 2/28/02	01270001 \$249,724
Olsen,Daniel B	Primary PI	Mechanical Engineering GTI-Gas Technology Institute	Emissions Reduction Methods for 4-Stroke Lean-Burn, Industrial, Natural Gas Engines	2/1/01 - 6/1/01	01220701 \$149,429
Olsen,Daniel B Bestor,Ted	Primary PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Fuel & Ignition Control for Articulated Engine Bank Optimization	1/1/01 - 12/31/01	01246701 \$149,438
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Woodward Governor Company *	Scroll Compressor Testing	5/29/01 - 5/29/02	01301601 \$7,493
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Improved Cyclic Pressure-based Parametric Emissions Monitoring System Model	5/1/01 - 4/30/02	01290401 \$120,381
Olsen,Daniel B	Primary PI	Mechanical Engineering GTI-Gas Technology Institute	Investigation of Formaldehyde Chemical Kinetics	1/1/01 - 12/31/01	01246601 \$100,143
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Altronic, Inc.	Evaluation of Developmental Ignition Systems	6/6/01 - 10/1/02	01309601 \$40,844
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	01290501 \$10,000
Sampath,Walajabad S	Primary PI	Mechanical Engineering NSF - National Science Foundation	Fundamental Studies of the Effect of Process Parameters on CdS/CdTe Device Stability Mechanisms	8/1/01 - 8/1/04	01257601 \$334,848
Sampath,Walajabad S Barth,Kurt	Primary PI Co-PI	Mechanical Engineering NSF - National Science Foundation	Fundamental Studies on High Throughput Vacuum Deposition of Thin Films for Replacing Pollution Intensive Industrial	8/1/01 - 8/1/04	01301901 \$294,531
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...	5/1/01 - 5/1/04	01277301 \$933,475
Wheeler,Donna Koenig,Andrea L	Primary PI Collaborator	Mechanical Engineering ** CaP Biotechnology, Inc.	Calcium Phosphate Microcarriers for Bone Cell Culture & Bone Healing Applications	7/1/01 - 6/30/02	01268201 \$40,000

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## Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Wheeler, Donna	Primary PI	Mechanical Engineering ** Stryker Biotech	Healing of Tibial Ostectomy Using Osteogenic Protein-1 Device	6/1/01 -	01295801
Pluhar, G. Elizabeth	Collaborator			6/1/02	\$177,480
Turner, Anthony Simon	Collaborator				
Willson, Bryan D	Primary PI	Mechanical Engineering Waukesha Engine Division	Camless Engine Project	8/1/00 -	01168301
Bestor, Ted	Co-PI			7/31/01	\$499,942
Willson, Bryan D	Primary PI	Mechanical Engineering M.I.T. Massachusetts Institute of Tech.	Friction Reduction Studies	8/1/01 -	02320201
Bestor, Ted	Co-PI			8/1/03	\$275,000
Olsen, Daniel B	Co-PI				
Willson, Bryan D	Primary PI	Mechanical Engineering Cummins Engine Company	Gas Composition Studies & Knock Modeling	8/1/00 -	01174701
Bestor, Ted	Co-PI			7/31/01	\$176,200
Willson, Bryan D	Primary PI	Mechanical Engineering DOE - US Department of Energy	Improvement to Pipeline Compressor Engine Reliability through Retrofit Micro-Pilot Ignition System	1/1/01 -	01247401
				12/31/01	\$249,043
Willson, Bryan D	Primary PI	Mechanical Engineering Cummins Engine Company	Pilot Ignition Project	8/1/00 -	01168101
Bestor, Ted	Co-PI			7/31/01	\$499,942
Willson, Bryan D	Primary PI	Mechanical Engineering Cummins Engine Company	Predictive Engine Models	8/1/00 -	01168201
Bestor, Ted	Co-PI			7/31/01	\$299,485
Willson, Bryan D	Primary PI	Mechanical Engineering Cummins Engine Company	QSK Test Facility	8/1/00 -	01165601
Bestor, Ted	Co-PI			7/31/01	\$124,240
Willson, Bryan D	Primary PI	Mechanical Engineering Woodward Governor Company *	Support on Ignition Systems	8/7/00 -	01185701
Bestor, Ted	Co-PI			10/31/00	\$11,675
Willson, Bryan D	Primary PI	Mechanical Engineering Waukesha Engine Division	VGF Test Facility	8/1/00 -	01168001
Bestor, Ted	Co-PI			7/31/01	\$124,240
Willson, Bryan D	Primary PI	Mechanical Engineering GTI-Gas Technology Institute	Micropilot Ignition for Two-Stroke, Natural Gas, Reciprocating Compressor Engines	1/1/01 -	01246501
				12/31/01	\$249,043

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## Liberal Arts - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Magennis,Ann L	Primary PI	Anthropology Centennial Archaeology, Inc.	Analyze the Human Skeletal Remains from Cemetery No. 2 at the San Carlos Correctional Facility, Colorado Mental...	9/15/00 - 6/30/02	01191901 \$126,831
Pickering,Kathleen A	Primary PI	Anthropology NSF - National Science Foundation	CAREER: Cash & the Social Economy of the Pine Ridge Indian Reservation	6/15/01 - 6/14/06	01175201 \$250,000
Pickering,Kathleen A	Primary PI	Anthropology ** USDA - US Department of Agriculture	Long-term Impacts of Welfare Reform on Rural Poverty	10/1/01 - 9/30/03	01235401 \$227,515
Fahey,Patrick G	Primary PI	Art NEA-National Endowment for the Arts	It's a GAS (Garfield Art Squad/Garfield After School)	9/1/02 - 5/15/04	01300101 \$36,400
Frickman,Linda G	Primary PI	Art City of Fort Collins - Fort Fund	Colorado International Invitational Poster Exhibition	9/13/01 - 10/19/01	01238001 \$2,500
Calderazzo,John	Primary PI	English CCHE-Commission on Higher Education	Creative Writing Program in the English Department	7/1/01 - 6/30/06	01240501 \$562,000
Crow,Mary	Primary PI	English Colorado Council on the Arts & Humanitie	Literacy Through Poetry	7/1/02 - 12/31/02	01306801 \$2,000
Kiefer,Kathleen Estelle	Primary PI	English Spencer Foundation	From Academic to Professional Writing: Mapping the Transition	1/1/01 - 1/1/02	01220201 \$17,700
Milofsky,David	Primary PI	English NEA-National Endowment for the Arts	Center for Literary Publishing - Colorado Review	1/1/02 - 11/1/03	01274901 \$41,900
Odonnell-Allen,Cindy	Primary PI	English Spencer Foundation	Becoming Transformative: Learning to Speak as Teacher Researchers	6/1/01 - 5/31/02	01279401 \$35,000
Palmquist,Michael E	Primary PI	English US Department of Education	Technological Support for Teaching & Learning Writing: Moving Beyond the Legacy of the Printed Page	7/1/01 - 6/30/04	01295601 \$222,829
Palmquist,Michael E	Primary PI	English US Department of Education	Technological Support for Teaching & Learning Writing: Moving Beyond the Legacy of the Printed Page	7/1/01 - 6/30/04	01252001 \$170,338
Castro,Amanda L	Primary PI	Foreign Languages & Literature NEH-DRP-Division of Research Programs	Descriptive Grammar of the Tawahka Language	6/1/01 - 8/1/02	01173401 \$94,427
Velazquez-Castillo,Maur	Co-PI				
Saz,Sara M	Primary PI	Foreign Languages & Literature ** US Department of Education	Preparing the Global Citizen: Study Abroad Enhancement Project	4/1/01 - 4/1/03	01286101 \$67,668

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## Liberal Arts - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Velazquez-Castillo,Maur	Primary PI	Foreign Languages & Literature US Department of Education	Paraguayan Spanish: Language Contact & Dialectology	1/3/02 - 01211401 6/18/02 \$34,096
Luft,Gregory N	Primary PI	Journalism & Technical Comm CCHE-Commission on Higher Education	Department of Journalism & Technical Communication Program of Excellence	7/1/02 - 01222301 6/30/07 \$990,000
Slater,Michael D	Primary PI	Journalism & Technical Comm HHS-NIH-Center for Scientific Review	Alcohol Risk Perceptions & the Media	9/1/01 - 01210101 8/31/05 \$1,761,987
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm DOI-NPS-National Park Service	Technical Review of Park Science, Website Design & Communication Effectiveness	8/15/00 - 01182601 2/8/01 \$2,778
Burns,Morris U	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	Outdoor Café Theatre	5/2/01 - 01240001 7/29/01 \$4,000
de l'Etoile,Shannon	Primary PI	Music, Theatre & Dance	A Music Training Program for Child Care Personnel	10/1/01 - 01240801 5/31/05 \$481,511
Thaut,Michael H	Co-PI	US Department of Education		
Thaut,Michael H	Primary PI	Music, Theatre & Dance United Cerebral Palsy Res & Educ Found	A Comprehensive Neurologic Music Therapy Program for Mobility Training in Children with Cerebral Palsy	7/1/01 - 01246901 6/30/02 \$49,138
Thaut,Michael H	Primary PI	Music, Theatre & Dance National Parkinson Foundation	Long-Term Sensory Facilitated Gait Training for Patients with Parkinson's Disease: A Pilot Study	7/1/01 - 01257701 6/30/02 \$34,394
Betsill,Michele M	Primary PI	Political Science Smith Richardson Foundation	Constructing Climate Change: Environmental Non-governmental Organizations, International Norms & the Politics ...	1/1/02 - 01298401 12/31/02 \$58,832
Hochstetler,Kathryn	Primary PI	Political Science	Common Pool Resource Management in Africa:	7/1/01 - 01261001
Dale,Lisa Allyn	Co-PI	Institute for the Study/World Politics	A Case Study of Community Forestry in Ethiopia	12/31/01 \$11,700
Hochstetler,Kathryn	Primary PI	Political Science	Common Pool Resource Management in Africa:	7/1/01 - 01265701
Dale,Lisa Allyn	Co-PI	Resources for the Future	A Case Study of Community Forestry in Ethiopia	6/30/02 \$12,000
Murray,Douglas Lynn	Primary PI	Sociology	Re-regulating the Global Economy through Fair Trade: A North/South Research Initiative	1/1/01 - 01170901 12/31/03 \$225,975
Raynolds,Laura T	Co-PI	MacArthur Foundation *		
Raynolds,Laura T	Primary PI	Sociology MacArthur Foundation	Fair Trade: Creating An Alternative Global Food System	10/1/01 - 01278401 3/31/03 \$74,980

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## Liberal Arts - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Stretesky,Paul B	Primary PI	Sociology EPA - Environmental Protection Agency	Identifying Methods for Improving the Effectiveness of Audit Policies & Laws	1/1/01 - 6/30/02	01175401 \$139,016
Unnithan,N Prabha	Primary PI	Sociology	Reducing Hispanic Commitment Rates in the	10/1/00 -	01179201
Stretesky,Paul B	Co-PI	Div. of Criminal Justice/CO Dept Pub Saf	8th Judicial Juvenile Justice System	9/30/01	\$37,967

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## Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
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	1/4/01 -	01232801
				12/31/04	\$103,741
Savidge, Julie	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Biology & Control of Brown Treesnakes	8/15/00 -	01161101
				10/1/05	\$1,420,268
Cooper, David Jonathan Woods, Scott	Primary PI Co-PI	Earth Resources National Park Foundation	Geomorphic Processes Controlling the Establishment of Montane Riparian Vegetation in Rocky Mountain National Park	5/1/01 -	01209201
				8/31/03	\$118,331
Cooper, David Jonathan	Primary PI	Earth Resources DOI-USGS-Geological Survey	Status of Fremont Cottonwood Forests in the Upper Colorado River Basin	5/1/01 -	01273801
				5/1/03	\$63,320
Hannah, Judith L Stein, Holly J	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Re-Os Systematics in Proterozoic Anorthosite Complexes	7/1/01 -	01226001
				6/30/03	\$194,997
Macdonald, Lee H	Primary PI	Earth Resources DOI-NPS-National Park Service	Hydrologic Investigations at Bent's Old Fort National Historic Site	3/10/01 -	01275501
				9/30/01	\$9,890
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Sediment Production from Forested Areas in the Central Sierra Nevada	12/1/00 -	01226501
				7/31/01	\$27,000
Magloughlin, Jerry F	Primary PI	Earth Resources NSF - National Science Foundation	Block Rotation Model, North Cascades, Washington	1/1/02 -	01302701
				12/31/04	\$298,853
Sanford, William E Durnford, Deanna S Stednick, John D	Primary PI Co-PI Co-PI	Earth Resources USDA - US Department of Agriculture	Influence of Flow Augmentation on Water Quantity & Quality in the South Platte River	6/1/01 -	01230101
				5/31/04	\$346,907
Sanford, William E	Primary PI	Earth Resources BP Amoco	Investigation of Groundwater Age in the Northern San Juan Basin, Colorado	6/1/01 -	01280701
				5/31/02	\$89,041
Sanford, William E Warnock, Andrew C	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Paleohydrologic Studies Along the Colorado Front Range with Noble Gases	1/1/02 -	01303801
				12/31/04	\$311,646
Smith, Freeman M Kunkle, Samuel	Primary PI Co-PI	Earth Resources DOI-NPS-National Park Service	Develop a Comprehensive Restoration Plan for Agua Fria Creek, El Malpais, New Mexico	10/1/00 -	01262201
				9/30/02	\$29,999
Stednick, John D Macdonald, Lee H	Primary PI Co-PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Monitoring the Effects of the Bobcat Fire	8/1/00 -	01186401
				12/31/00	\$18,000

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## Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Stein,Holly J	Primary PI	Earth Resources	187Re-187Os Calibration of Molybdenite from	7/1/01 -	01244001
Hannah,Judith L	Co-PI	NSF - National Science Foundation	Henderson, Colorado: A New NIST Reference	6/30/03	\$144,995
Markey,Richard J	Co-PI		Material		
Stein,Holly J	Primary PI	Earth Resources	Rhenium & Other Trace Elements in	1/1/02 -	01303401
Hannah,Judith L	Co-PI	NSF - National Science Foundation	Molybdenite as Indicators of Tectonic Setting	12/31/03	\$223,254
Schersten,Anders	Co-PI		& Metallogeny		
Stein,Holly J	Primary PI	Earth Resources	Timing of Major Crust-forming Events &	7/1/01 -	01225901
		NSF - National Science Foundation	Shearing in the Colorado Province Through Re-	6/30/03	\$206,938
			os Dating of Proterozoic Molybdenites		
Wohl,Ellen E	Primary PI	Earth Resources	Collaborative Research: Bedrock Channel	2/1/02 -	01303901
		NSF - National Science Foundation	Incision in the Colorado Front Range	3/1/04	\$103,596
Andelt,William F	Primary PI	Fish & Wildlife Biology	Role of Predators in the Sage Grouse Decline	4/1/01 -	01307201
		Moffat County, Colorado		3/31/02	\$5,168
Anderson,David G	Primary PI	Fish & Wildlife Biology	Noxious Weed Identification Sheets	1/1/01 -	01222501
		Colorado Department of Agriculture		3/31/02	\$6,708
Baker,Barry B	Primary PI	Fish & Wildlife Biology	Gunnison Sage Grouse Conservation Plan	10/1/00 -	01190701
		DOI-BLM-Bureau of Land Management		9/30/01	\$20,551
Baker,Barry B	Primary PI	Fish & Wildlife Biology	WRIS Web Site Task Order FY 00-01	11/15/00 -	01215801
		Colorado Division of Wildlife		6/30/01	\$25,779
Baker,Barry B	Primary PI	Fish & Wildlife Biology	Natural Diversity Information Source Task	8/1/00 -	01168701
		Colorado Division of Wildlife	Order FY 00-01	6/30/01	\$47,451
Baker,Barry B	Primary PI	Fish & Wildlife Biology	Information & Database Development for	10/1/00 -	01189201
Noon,Barry R	Co-PI	DOI-NPS-National Park Service	Wildlife	9/30/02	\$137,535
Wilson,Kenneth R	Co-PI				
Benson,Delwin E	Primary PI	Fish & Wildlife Biology	Implementation & Evaluation of Coached-	1/1/02 -	02325501
		Turner Foundation	planning to Promote Land Help	12/31/03	\$166,661
Benson,Delwin E	Primary PI	Fish & Wildlife Biology	Planning & Evaluation of Coached-planning to	7/1/01 -	01217201
		EPA - Environmental Protection Agency	Promote Landhelp	6/30/03	\$94,342
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology	Colorado Native Fishes Conservation Project	2/1/01 -	01241201
		Colorado Department of Natural Resources		6/30/02	\$548,372

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Larval Native Fishes	12/1/00 -	01213601
				11/30/02	\$139,067
Clements, William H	Primary PI	Fish & Wildlife Biology Wright State University	A Diagnostic Approach for Identifying Biological Impairment & Dominant Stressors	9/15/01 -	01295501
				9/14/04	\$106,665
Clements, William H	Primary PI	Fish & Wildlife Biology Wright State University	Development of National Aquatic Ecosystem Classifications & Reference Conditions	9/15/01 -	01290601
				9/14/04	\$299,204
Clements, William H	Primary PI	Fish & Wildlife Biology Wright State University	Improved Stressor Identification Evaluations in Aquatic Ecosystems Using an In Situ Assessment Scheme	1/1/02 -	02314001
				12/31/04	\$89,128
Clements, William H Baron, Jill	Primary PI Co-PI	Fish & Wildlife Biology ** EPA - Environmental Protection Agency	The Influence of Climate-induced Alterations in Dissolved Organic Matter on Metal Toxicity & Ultraviolet ...	1/1/02 -	01293601
				12/31/04	\$896,212
Clements, William H	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Ecological, Hydrological & Geochemical Effects of the Cerro Grande Fire on Watersheds in Santa Fe National Forest...	9/15/00 -	01182101
				9/14/01	\$5,979
Covich, Alan P	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	Collaborative Research: Assembly & Reliable Function of Food Webs: A Network Approach to Coastal, Tropical River	10/1/01 -	02316301
				9/30/06	\$782,757
Covich, Alan P Laituri, Melinda J Loomis, John B	Primary PI Co-PI Co-PI	Fish & Wildlife Biology ** NSF - National Science Foundation	Rivers, Roads, & People: Biocomplexity of Network Interactions	10/1/01 -	01274301
				9/30/06	\$2,412,431
Covich, Alan P	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	The Collaborative Research: The Variable Roles of Benthic Consumers in Processing Leaf Litter in Tropical Streams	7/1/01 -	01236301
				6/30/05	\$249,788
Culver, Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Catalog of Wetland Protection Grants: 1993- 2000	7/1/01 -	01238201
				6/30/02	\$9,970
Culver, Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Comprehensive Statewide Wetlands Classification & Characterization	7/1/01 -	01238901
				6/30/02	\$100,129
Culver, Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Duck Stamp Program Report	7/1/01 -	01297801
				6/30/02	\$10,000
Culver, Denise R	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Grand Mesa Fen Survey & Classification	7/1/01 -	01307801
				6/30/02	\$25,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Natural Heritage Inventory & Assessment of Wetlands in Gunnison County	7/1/01 - 01237801 6/30/02 \$110,080
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Natural Heritage Inventory & Assessment of Wetlands for La Plata County	7/1/01 - 01235001 6/30/02 \$124,804
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Natural Heritage Inventory & Assessment of Wetlands in Archuleta County	7/1/01 - 01237701 6/30/02 \$104,409
Culver,Denise R	Primary PI	Fish & Wildlife Biology Packard Foundation (David & Lucile) *	Pueblo County Inventory of Critical Biological Resources	3/15/01 - 01220101 6/30/02 \$14,494
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Survey of Critical Wetlands & Riparian Areas in Mesa County	7/1/01 - 01305001 6/30/02 \$55,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Wetland Project Design to the State for Wetland Conservation & Protection	7/1/01 - 02314401 6/30/02 \$40,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology The Nature Conservancy	Riparian CD Rom Project	3/1/01 - 01270601 4/30/01 \$1,499
Douglas,Marlis R Bestgen,Kevin R Douglas,Michael E	Primary PI Co-PI Co-PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Genetic Diversity of Gila Cypha within the Colorado River Ecosystem	3/1/01 - 01236801 8/31/03 \$129,034
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 ...	11/1/01 - 01241001 12/31/04 \$301,214
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology USDA - US Department of Agriculture	Population Effects of Nonnative Brook Trout on Colorado River Cutthroat Trout	1/1/01 - 01189301 12/31/02 \$15,000
Grunau,Lee Schorr,Robert	Primary PI Co-PI	Fish & Wildlife Biology Colorado Department of Transportation	Central Shortgrass Prairie Project, Phase 4 Scope of Work	4/1/01 - 01279901 12/31/02 \$100,003
Grunau,Lee	Primary PI	Fish & Wildlife Biology USDA - US Department of Agriculture	Routt National Forest Threatened, Endangered & Sensitive Database Project	1/1/01 - 01231801 9/30/01 \$6,660
Johnson,Brett Michael	Primary PI	Fish & Wildlife Biology N. Front Range Water Qlty Planning Assoc	Zooplankton Monitoring Plan	5/1/01 - 02313501 4/30/02 \$6,406
Kennedy,Patricia L	Primary PI	Fish & Wildlife Biology National Geographic Society	Effects of Fire Severity & Burn Heterogeneity on Avian Communities in Ponderosa Pine Forests of the Rocky Mountains	8/1/01 - 01247501 12/30/02 \$43,300

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Lambert,Bradley A	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Statewide Boreal Toad Surveys & Monitoring 7/1/01 - 6/30/03	02314301 \$140,026
Lavender,Amy E	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Aquatic GIS Program Manager Task Order Fiscal Year 2002 7/18/01 - 6/30/03	02325101 \$91,062
Lavender,Amy E	Primary PI	Fish & Wildlife Biology University of Colorado	Conservation Biology Mapping Project 1/20/01 - 10/31/01	01240401 \$7,088
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Garfield County Rare Plant Brochure 4/1/01 - 7/31/01	01270201 \$2,434
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Gunnison Gorge NCA Survey of Impacts on Rare Plants 4/1/01 - 12/31/01	01280601 \$15,000
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Rare Plant Collection for a Herbarium 5/1/01 - 9/1/01	01300401 \$2,499
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Rare Plant Survey of San Juan National Forest, Archuleta County, Colorado 5/1/01 - 12/31/01	01301501 \$51,004
Myrick,Christopher A	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	Physiological Ecology of Great Plains Fishes - Integrated Research & Education Plan 7/1/01 - 6/30/06	01175601 \$1,435,938
Myrick,Christopher A	Primary PI	Fish & Wildlife Biology ENTRIX, Inc	Variation in Temperature Tolerance, Hypoxia Tolerance, Growth, & Temperature Preference of Steelhead from Four ... 5/1/02 - 5/1/04	01290801 \$212,916
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology CCHE-Commission on Higher Education	Fishery & Wildlife Biology - Program of Excellence 7/1/01 - 6/30/06	01224701 \$975,725
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	02315401 \$19,311
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Biological Inventory of Gypsum Hills Special Recreation Management Area 2/1/01 - 9/1/01	01195701 \$33,975
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force Academy	Monitoring Bird Populations on the U.S. Air Force Academy 4/1/00 - 5/30/02	01189001 \$59,394
Schorr,Robert	Primary PI	Fish & Wildlife Biology Association for Biodiversity Information	Noise Sensitive Species Project 4/1/01 - 3/31/02	01283001 \$9,979

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Study of Fire Effects to Preble's Meadow	5/1/01 - 01306001
			Jumping Mouse ( <i>Zapus hudsonius preblei</i> ) Habitat & Populations on the ...	4/30/03 \$115,014
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Cave Inventory of Colorado	7/18/01 - 02325301
				6/30/02 \$55,422
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	A Targeted Floristic Inventory of Eastern Pueblo County, Colorado	4/1/01 - 01270401
				5/1/02 \$2,887
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Keeping the Colorado Rare Plant Field Guide Current	4/1/01 - 01270301
				5/1/02 \$2,999
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Noxious Weed Mapping Project	7/1/01 - 01287401
				6/30/02 \$80,883
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Park County Biological Assessment	7/1/00 - 01188501
				6/30/01 \$7,011
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Park County Rare Plant Brochure	4/1/01 - 01270801
				7/31/01 \$2,411
Spackman,Susan	Primary PI	Fish & Wildlife Biology National Fish and Wildlife Foundation	Upper Arkansas River Rare Plants & Pollinators	4/1/01 - 01184901
				6/1/02 \$23,291
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	4/1/01 - 01281201
				6/30/01 \$54,111
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Biological Inventory of Bangs Canyon & South Shale Ridge Wilderness Study Areas	1/1/01 - 01213901
				4/30/02 \$146,266
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Biological Inventory of Colorado Canyons National Conservation Area	1/1/02 - 01228901
				4/30/03 \$176,553
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Biological Inventory of Grazing Allotments for Grand Junction Field Office	1/1/01 - 01227401
				2/28/02 \$100,105
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Colorado State Parks/CO Natural Areas Pg	Colorado Natural Areas Program Ecology & Geographical Information Systems Support	11/1/00 - 01214401
				10/31/03 \$307,692
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	North Fruita Desert Recreation Management Area, Comprehensive Inventory	1/1/01 - 01212901
				12/31/01 \$69,014

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## Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	North Fruita Desert Recreation Management Area, Re-Inventory of Existing EOR's	1/1/01 - 12/31/01	01212801 \$19,701
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force	Preble's Meadow Jumping Mouse Habitat Mitigation Monitoring	6/15/01 - 5/30/02	01307901 \$37,343
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Predictive Habitat Model Development	6/1/01 - 12/31/01	01223801 \$33,717
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Delta Soil Conservation District	Gunnison River Tributaries Riparian Inventory	9/1/00 - 1/31/01	01186101 \$12,114
White,Gary C	Primary PI	Fish & Wildlife Biology Turner Foundation	Experimental Manipulation of Mule Deer Nutrition to Increase Fawn Recruitment	1/1/01 - 12/31/07	01186201 \$1,522,800
White,Gary C	Primary PI	Fish & Wildlife Biology The Nature Conservancy	Regional Associations between Mountain Plovers & Prairie Dogs	8/1/01 - 7/31/03	01258901 \$116,550
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	8/1/01 - 7/30/03	01243101 \$294,838
Wunder,Michael B Mccoy,Timothy D	Primary PI Co-PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Mountain Plovers on Private Lands	6/1/01 - 12/31/04	01295401 \$430,321
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	Resolving Conflicts of Charadrius Montanus Breeding on Private Lands	1/1/01 - 12/31/04	01223601 \$662,781
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Resolving Conflicts of Charadrius Montanus Breeding on Private Lands	1/1/01 - 3/31/02	01223501 \$74,423
Binkley,Daniel E	Primary PI	Forest Sciences NSF - National Science Foundation	Age-related Decline in Growth of Forest Stands: an Individual Tree Hypothesis	7/1/00 - 6/30/03	01237501 \$437,420
Binkley,Daniel E	Primary PI	Forest Sciences The Nature Conservancy	Linking Restoration of Fire Regimes & Control of Biological Invasions at a Landscape Scale	8/1/01 - 7/1/03	01278001 \$119,070
Binkley,Daniel E Stohlgren,Thomas J	Primary PI Co-PI	Forest Sciences National Park Foundation	Predicting the Future of Quaking Aspen in Rocky Mountain National Park, Colorado	7/1/01 - 7/1/02	01222101 \$49,981
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Structure & Function of Northern Ecosystems & Their Response to Global Change	6/15/01 - 6/30/02	01308701 \$40,199

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Binkley, Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Influence of Stand Structure on Growth & Resource Use in Rocky Mountain Forests	6/1/01 - 9/30/02	01302501 \$18,800
Burke, Ingrid C	Primary PI	Forest Sciences ** DOI - US Department of the Interior	Application of Remotely Sensed Hyperspectral Imagery to Assessing the Probabilities & Carbon Consequences of Fire	4/1/01 - 3/31/04	01292101 \$320,883
Burke, Ingrid C	Primary PI	Forest Sciences **	Application of Remotely Sensed Imagery to Assessing the Probabilities & Carbon Consequences of Fire	4/1/01 - 3/31/04	01242301 \$578,581
Vonderhaar, Thomas H	Co-PI	NASA - Natl Aeronautics & Space Admin.			
Burke, Ingrid C	Primary PI	Forest Sciences	Carbon Dynamics in the Western Great Plains: Sensitivity to Landuse & Climate Variability	4/1/01 - 3/31/04	01238701 \$1,517,556
Kelly, Eugene F	Co-PI	NASA - Natl Aeronautics & Space Admin.			
Lauenroth, William K	Co-PI				
Burke, Ingrid C	Primary PI	Forest Sciences NSF - National Science Foundation	Long-Term Ecological Research Program: Shortgrass Steppe	5/1/01 - 4/30/03	01254501 \$84,976
Burke, Ingrid C	Primary PI	Forest Sciences NSF - National Science Foundation	Museum of the Shortgrass Steppe Collections Improvement	1/1/01 - 12/31/01	01193501 \$36,829
Dean, Denis J	Primary PI	Forest Sciences NSF - National Science Foundation	An Investigation of the Comparative Benefits of a True Geographic, Rather Than Cartographic, Information System	7/1/01 - 6/30/04	01198901 \$515,929
Hoffer, Roger M	Primary PI	Forest Sciences	Development of a Combined GIS, Neural Networks & a Bayesian Classifier Approach to Classifying Remotely Sensed Data	5/1/01 - 6/30/02	01268801 \$85,966
Dean, Denis J	Co-PI	NSF - National Science Foundation			
Hoffer, Roger M	Primary PI	Forest Sciences National Systems Research Co	Research in Conjunction with the Midcontinent Ecological Science Center	1/1/01 - 12/31/05	01224501 \$4,793,547
Hoffer, Roger M	Primary PI	Forest Sciences USDA - US Department of Agriculture	Comparison of High Spatial Resolution Sensor Systems for Mapping & Monitoring Forest Insect Infestations	8/4/00 - 5/15/02	01176901 \$63,566
Hoffer, Roger M	Primary PI	Forest Sciences	Analysis of Digital Color Infrared Photography for Mapping Insect & Disease Infestation in Pinyon Pine	12/15/00 - 6/30/01	01226701 \$28,000
Jacobi, William R	Co-PI	USDA - US Department of Agriculture			
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 - 7/31/03	01311801 \$74,112

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount	
Omi,Philip N	Primary PI	Forest Sciences DOI - US Department of the Interior	Optimizing Landscape Treatments for Reducing Wildlife Risk & Improving Ecological Sustainability of Ponderosa ...	4/1/01 - 3/31/04	01287501 \$160,011
Reich,Robin M Shaw,Robert B	Primary PI Co-PI	Forest Sciences University of Colorado	Automating Government Decision Making to Assess Global Germplasm Resources for Crop Improvement & Food Security	1/1/01 - 12/31/04	01166701 \$234,191
Rideout,Douglas B Reich,Robin M	Primary PI Co-PI	Forest Sciences DOI - US Department of the Interior	Forecasting the Fire Year	1/1/02 - 12/31/04	01288401 \$447,350
Rideout,Douglas B	Primary PI	Forest Sciences DOI - US Department of the Interior	Optimizing Fire Management to Include Multiple Fires & Fuels Management	1/1/02 - 12/31/04	01292201 \$518,859
Shaw,Robert B Warren,Steven D	Primary PI Co-PI	Forest Sciences NSF-SBE-Social, Behav & Econ Sciences	A History of Natural Resources Management on US Army Training Lands	1/1/01 - 8/31/02	01175901 \$201,325
Warren,Steven D Kugrens,Paul	Primary PI Co-PI	Forest Sciences DOI - US Department of the Interior	Effects of Fire on Biological Soil Crusts & Their Subsequent Recovery	9/1/01 - 8/31/04	01288101 \$287,109
Warren,Steven D	Primary PI	Forest Sciences NSF - National Science Foundation	Long-Term Post-Fire Recovery of Biological Soil Crust Structure & Function	7/1/01 - 6/30/04	01239801 \$449,329
Warren,Steven D	Primary PI	Forest Sciences USDA - US Department of Agriculture	Post-Fire Recovery of Biological Soil Crusts	3/1/02 - 2/28/07	01229001 \$350,229
Warren,Steven D Kugrens,Paul	Primary PI Co-PI	Forest Sciences ** NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	1/1/02 - 12/31/06	01302901 \$369,290
Warren,Steven D Kugrens,Paul	Primary PI Co-PI	Forest Sciences ** DOD-ARMY-ARO-Army Research Office	Role of Dust in the Recovery of Biological Soil Crusts	5/1/02 - 4/30/05	02317601 \$254,703
Warren,Steven D	Primary PI	Forest Sciences USDA - US Department of Agriculture	The Role of Biological Soil Crusts in the Hydrology of Desert Soils	8/1/01 - 8/31/04	01221801 \$177,312
Warren,Steven D	Primary PI	Forest Sciences NSF - National Science Foundation	Validation of New-Generation Soil Erosion Modeling on China's Loess Plateau	8/1/01 - 7/31/03	01243801 \$101,172
Warren,Steven D	Primary PI	Forest Sciences DOE - US Department of Energy	Arid Land Reclamation Technologies for Fort Irwin, California	8/1/00 - 9/30/00	01172801 \$17,922
Warren,Steven D	Primary PI	Forest Sciences Bechtel Corporation	Services to Schedule & Attend Meetings between Bechtel Nevada & United States Military Installations	7/1/01 - 6/30/02	01308501 \$38,548

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## Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Bright,Alan Manfredo,Michael J	Primary PI Co-PI	Nat Res Recreation & Tourism Intl Assoc of Fish & Wildlife Agencies	Application of Human Dimensions Information on Planning & Policy Development for Fish & Wildlife Management	10/1/00 - 01202201 9/30/02 \$345,000
Bright,Alan Vaske,Jerry J	Primary PI Co-PI	Nat Res Recreation & Tourism USDA - US Department of Agriculture	Recreationists' Acceptability Norms toward Fire Management	3/1/01 - 01251901 3/1/03 \$65,000
Haas,Glenn E Titre,John P	Primary PI Co-PI	Nat Res Recreation & Tourism DOD-ARMY-Corps of Engineers	Boater Recreation at Falls Lake, Jordan Lake, & North Carolina Portion of the Nutbush Arm of Kerr Lake	5/14/99 - 01167101 9/29/00 \$20,000
Manfredo,Michael J Wallace,George N	Primary PI Co-PI	Nat Res Recreation & Tourism USDA - US Department of Agriculture	International Seminar on Protected Area Management	8/22/00 - 01176401 9/22/00 \$10,000
Boone,Randall B	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Assessing the Longevity of Avian Species Predicted Distributions	10/1/01 - 01254701 9/30/04 \$49,726
Conant,Richard T	Primary PI	Natural Resource Ecology Lab Environmental Resources Trust	An Integrated Approach to Develop Baseline Soil Carbon Content in Semiarid Eastern Oregon	1/1/01 - 01198601 12/31/01 \$59,189
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	11/1/00 - 01168501 10/31/03 \$359,069
Conant,Richard T Coughenour,Michael B	Primary PI Co-PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Solidifying the Remote Sensing-Aboveground Net Primary Production-Belowground Net Primary Production Soil Carbon ...	6/1/01 - 01232101 5/31/04 \$578,835
Coughenour,Michael B Pielke,Roger A Baron,Jill Hanan,Niall P Ojima,Dennis Ramirez,Jorge A Theobald,David M	Primary PI Co-PI Collaborator Collaborator Collaborator Collaborator Collaborator	Natural Resource Ecology Lab ** NSF - National Science Foundation	Furthering Our Understanding of Biogeochemistry, Hydrology, the Atmosphere & Human Land Use as a Coupled System	9/1/01 - 01275901 8/31/06 \$2,999,291
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Maasai Settlement, Landscape Mosaics, & the Spatial Patterning of Vegetation & Wildlife in East African Savannas	1/1/01 - 01185901 5/31/02 \$23,692
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab University of Nevada	Modeling Spatial Plant-Herbivore Interactions in the Yukon Delta	6/1/01 - 01268901 5/31/05 \$199,166

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## Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Ellis,James	Primary PI	Natural Resource Ecology Lab **	6/1/01 -	01227501
Galvin,Kathleen	Co-PI	USDA - US Department of Agriculture	5/31/04	\$382,714
Ellis,James	Primary PI	Natural Resource Ecology Lab **	1/1/01 -	01206401
Coughenour,Michael B	Co-PI	DOS-AID-Agency for Inter. Development	4/30/01	\$50,001
Demartini,James C	Co-PI			
Galvin,Kathleen	Co-PI			
Ellis,James	Primary PI	Natural Resource Ecology Lab	11/1/01 -	01272301
Boone,Randall B	Co-PI	NSF - National Science Foundation	10/31/06	\$2,499,774
Hobbs,N. Thompson	Co-PI	ON/OFF CAMPUS		
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab **	10/1/01 -	01276301
Coughenour,Michael B	Co-PI	NSF - National Science Foundation	9/30/05	\$1,424,965
Omi,Philip N	Co-PI			
Dangelmayr,Gerhard H	Collaborator			
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab	10/1/01 -	01276401
		University of Wyoming	9/30/05	\$634,201
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab	6/1/01 -	01234701
		Rutgers - State University of New Jersey	5/31/04	\$65,987
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab **	5/1/01 -	01232201
Denning,A Scott	Co-PI	NASA - Natl Aeronautics & Space Admin.	4/30/04	\$1,061,275
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	8/1/01 -	02316601
		DOI-USGS-Geological Survey	7/31/02	\$110,000
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	9/1/01 -	01236101
		NSF - National Science Foundation	8/31/04	\$689,555
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	4/1/01 -	01273901
Cooper,David Jonathan	Co-PI	DOI-USGS-Geological Survey	3/31/05	\$261,000
Singer,Francis J	Co-PI			
Kalkhan,Mohammed	Primary PI	Natural Resource Ecology Lab	7/1/01 -	01313201
Stohlgren,Thomas J	Co-PI	DOI-USGS-Geological Survey	6/30/03	\$215,255

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## Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Milchunas,Daniel G	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Long-term Impact of Elevated CO2 on Shortgrass Steppe Ecosystem Dynamics	9/1/01 - 01236701 8/31/04 \$598,276
Neff,Jason	Primary PI	Natural Resource Ecology Lab ** California Institute of Technology	A Measurement Program in Siberia to Assess Disturbance-Driven Changes in Artic Carbon Fluxes	8/1/01 - 01194401 7/31/05 \$467,418
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab **	Advanced Computational Design for	9/1/01 - 01224301
Mckeown,Rebecca	Co-PI	NSF - National Science Foundation	Terrestrial Earth System Science Research:	8/31/06 \$4,948,556
Vukicevic,Tomislava	Co-PI		Coupled Land-Atmosphere Simulation ...	
Parton,William J	Collaborator			
Pielke,Roger A	Collaborator			
Schimel,David S	Collaborator			
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab **	Analysis of Observed Terrestrial Ecosystem	4/1/01 - 01219401
Mckeown,Rebecca	Co-PI	NASA - Natl Aeronautics & Space Admin.	Interannual Variability Implementing a Coupled	3/31/04 \$2,970,175
Parton,William J	Co-PI		Land-Atmosphere ...	
Pielke,Roger A	Co-PI			
Schimel,David S	Co-PI			
Vukicevic,Tomislava	Co-PI			
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab University of Illinois	Cheatgrass Invasion & Ecosystem Fluxes in the Great Basin	7/1/01 - 01231701 6/30/04 \$172,197
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab **	Early Forecasting of Forage Production for Use	10/1/01 - 01300901
Bohren,Lenora	Co-PI	University of Wyoming	in Adaptive Management Strategies	9/30/05 \$2,040,156
Doesken,Nolan J	Co-PI			
Galvin,Kathleen	Co-PI			
Parton,William J	Co-PI			
Pielke,Roger A	Co-PI			
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab University of California - San Diego	Global & Regional Productivity Using Biodiversity & Remote Sensing	7/1/01 - 01239501 6/30/04 \$183,665
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	6/1/01 - 01235101 5/30/04 \$599,962

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Ojima,Dennis Baron,Jill Liston,Glen E Pielke,Roger A	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab ** University of New Hampshire	Sub-pixel Mapping & Monitoring of Snow- Ice/Cover & Inland Water: Implications to Meso-Scale Climate/Hydrological...	5/1/01 - 4/30/04 01220901 \$199,991
Pagani,Mark	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Reconstruction of Paleogene Alkenone-based Ep Records	7/1/01 - 6/30/04 02314701 \$155,129
Pagani,Mark Kelly,Eugene F	Primary PI Co-PI	Natural Resource Ecology Lab NSF - National Science Foundation	The Cenozoic Evolution of C4 Photosynthesis	9/1/01 - 8/31/03 01224201 \$194,408
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab ** Battelle, Pacific Northwest Laboratories	Center for Research on Enhancing Carbon Sequestration in Terrestrial Ecosystems	10/1/00 - 9/30/01 01216901 \$60,000
Paustian,Keith H Conant,Richard T	Primary PI Co-PI	Natural Resource Ecology Lab Alcorn State University	Management Intensive Grazing as an Instrument to Increase Farm Efficiency & Soil Quality	1/1/01 - 12/31/03 01185801 \$150,752
Paustian,Keith H Eve,Marlen	Primary PI Co-PI	Natural Resource Ecology Lab EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory	7/1/01 - 9/30/01 02318301 \$10,000
Paustian,Keith H Ojima,Dennis	Primary PI Co-PI	Natural Resource Ecology Lab DOE - US Department of Energy	Regional Ecosystem Climate Impact Program	7/1/01 - 6/30/04 01206301 \$377,082
Six,Johan W Conant,Richard T	Primary PI Co-PI	Natural Resource Ecology Lab USDA - US Department of Agriculture	Development & Assessment of Soil Quality Indicators for Agroecosystems Health & Sustainability	7/1/01 - 6/30/04 01227201 \$279,959
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	4/1/01 - 3/31/03 02318001 \$142,527
Stohlgren,Thomas J Kalkhan,Mohammed Reich,Robin M	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab ** NASA-Goddard	Biotic Prediction: Building the High Performance Computing & Communications Infrastructure for Public Health & ...	5/1/01 - 4/30/04 01220301 \$558,291
Stohlgren,Thomas J	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Invertebrate Survey of Hakalau Forest	5/1/01 - 4/30/02 01214601 \$67,000
Theobald,David M	Primary PI	Natural Resource Ecology Lab University of Colorado	Complex Interactions between Socio-Economic, Landscape, & Ecological Changes in the Rocky Mountain West	5/1/01 - 4/30/05 01268401 \$301,272

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## Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Building Bridges for Biodiversity	4/15/01 -	01273701
Adams,Gina A	Co-PI	Bay Foundation		4/15/02	\$20,000
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	David H. Smith Conservation Research	9/1/01 -	01259001
		The Nature Conservancy	Fellowship for Serigne Kandji	8/31/03	\$128,875
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Soil Foodwebs Under Bt & Non-Bt Corn Grown	5/1/01 -	01225301
Porazinska,Dorota	Co-PI	USDA - US Department of Agriculture	in Till & No-Till Agroecosystems	4/30/04	\$323,378
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Soil Biodiversity & Litter Decomposition	9/15/00 -	01173501
		NSF - National Science Foundation	Network	9/14/02	\$50,000
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Nematode-Destroying Fungi of Costa Rica	11/15/00 -	01214901
		University of Wyoming		11/14/01	\$14,993
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Global Litter Decomposition Experiment	11/1/00 -	01206201
		Soil Science Society of America (SSSA)		10/31/02	\$19,815
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab	Collaborative Research: Isotopic	6/1/01 -	01294901
		NSF - National Science Foundation	Characteristics of Precipitation ...	8/31/04	\$39,494
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab	Collaborative Research: Species Responses to	6/1/01 -	01291701
		NSF - National Science Foundation	Changes in Climate	5/31/02	\$160,000
Bartlett,Ellsworth T	Primary PI	Rangeland Ecosystem Science	Sustainable Rangelands Roundtable	5/1/01 -	01303701
		DOI-BLM-Bureau of Land Management		9/30/02	\$20,000
Bartlett,Ellsworth T	Primary PI	Rangeland Ecosystem Science	Criteria & Indicators of Sustainable Rangeland	9/18/00 -	01185601
Manfredo,Michael J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Management	9/18/05	\$45,455
Lauenroth,William K	Primary PI	Rangeland Ecosystem Science	Analysis of the Vulnerability of Shortgrass	5/1/01 -	01229101
Burke,Ingrid C	Co-PI	USDA - US Department of Agriculture	Rangelands to Plant Invasions	4/30/04	\$299,974
Lauenroth,William K	Primary PI	Rangeland Ecosystem Science **	Ecosystem Effects of Bromus tectorum	1/1/02 -	02313701
Burke,Ingrid C	Co-PI	NSF - National Science Foundation	Invasion	12/31/04	\$905,700
Paschke,Mark W	Primary PI	Rangeland Ecosystem Science	Evaluation of the Long-term Effects of	10/1/00 -	01203001
Redente,Edward F	Co-PI	Colorado Dept Public Health & Environ	Biosolids on Revegetation in Northwestern	9/30/01	\$18,788
			Colorado		
Paschke,Mark W	Primary PI	Rangeland Ecosystem Science	Management of Soil Nitrogen Availability for	10/1/01 -	01229301
Redente,Edward F	Co-PI	USDA - US Department of Agriculture	the Control of Cheatgrass	9/30/04	\$245,278

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## Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Redente,Edward F	Primary PI	Rangeland Ecosystem Science	Metal Toxicity Thresholds for Important	9/1/01 -	01299501
Paschke,Mark W	Co-PI	Montana State University	Reclamation Species	8/31/03	\$174,835
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science	Assess Range Condition & Trend on Mantle	6/1/01 -	01311401
		DOI-NPS-National Park Service	Grazing Allotment in Dinosaur National Monument	7/1/02	\$23,682
Woodmansee,Robert G	Primary PI	Rangeland Ecosystem Science	Implementing On-line Natural Resource Course	6/1/01 -	01299201
		NSF - National Science Foundation	Material & Research Opportunities for Native American Students, ...	5/31/02	\$36,608
Woodmansee,Robert G	Primary PI	Rangeland Ecosystem Science	Implementing On-Line Natural Resource	3/1/01 -	01274001
		DOI-BLM-Bureau of Land Management	Course Material for Native American Students, Instructors, & Managers	2/28/06	\$317,715
Woodmansee,Robert G	Primary PI	Rangeland Ecosystem Science	Implementing On-line Natural Resource Course	5/15/01 -	01292001
		DOI-OSM-Office of Surface Mining	Material for Native American Students, Instructors & Managers	5/14/06	\$33,228

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## Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio Christopher Reeve Paralysis Foundation	Guiding Growth Cones through Integration of Actin Dynamics	1/1/02 - 02313801 12/31/03 \$132,664
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio Spinal Cord Research Foundation	Guiding Growth Cones: Signal/Response Integration through Actin Dyna	1/1/02 - 02315101 12/31/03 \$97,160
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio NSF - National Science Foundation	Integrated Courses in Genetics & Cell Biology for Community Colleges	6/1/02 - 01295901 5/31/05 \$776,535
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	Isolation of Actin Depolymerizing Factor/Cofilin Phosphatase & Its Regulation of Actin Dynamics during Metastases	7/1/01 - 01279201 6/30/02 \$22,765
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio Alzheimers Association	Mechanisms of Persistent ADF-actin Rod Formation in Hippocampal Neurons	6/1/01 - 01237901 5/31/04 \$240,000
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio **	Training in Synaptic Neurobiology	4/1/02 - 01296101
Beam,Kurt G	Collaborator	HHS-NIH-National Institutes of Health		3/31/07 \$1,275,029
Dudek,F Edward	Collaborator			
Handa,Robert J	Collaborator			
Ishii,Douglas N	Collaborator			
Tamkun,Michael	Collaborator			
Wilcox,Christine L	Collaborator			
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio HHS-NIH-Center for Scientific Review	Control of Renal Glutaminase Induction During Acidosis	4/1/02 - 02319701 3/31/07 \$1,463,750
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio **	Mitochondrial Glutaminase: A Novel Target for	7/1/01 - 01251201
Anderson,Oren P	Co-PI	University of Colorado	Stroke Therapy	12/31/02 \$104,925
Lacour,Agnete	Co-PI			
Florant,Gregory L	Primary PI	Biochemistry & Molecular Bio	Molecular Mechanisms of Obesity & Insulin	7/1/01 - 01251801
Summers,Scott A	Co-PI	HHS-NIH-National Institutes of Health	Resistance: A New Approach	6/30/03 \$287,575
Kraemer,Susan M	Primary PI	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	Transcriptional Activation by YAP1 via the General Transcription Factor TFIIA	7/1/01 - 01276601 6/30/02 \$25,540
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio HHS-NIH-Center for Scientific Review	Assembly of Macromolecular Complexes	12/1/01 - 01264101 11/30/06 \$1,481,290
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio NSF - National Science Foundation	Molecular Recognition by Disordered Proteins	1/10/01 - 01162801 1/9/04 \$394,974

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<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Key #</b>	<b>\$Amount</b>
Lumb, Kevin J	Primary PI	Biochemistry & Molecular Bio American Cancer Society, Inc.	Structural Basis of Transcriptional Activation by Jun	1/1/02 - 12/31/05	01281101 \$750,000
Paule, Marvin R	Primary PI	Biochemistry & Molecular Bio US Department of Education	Graduate Training in Biochemistry & Molecular Biology	8/15/01 - 8/14/04	01235601 \$655,200
Schenck, Craig C	Primary PI	Biochemistry & Molecular Bio NSF - National Science Foundation	Collaborative Research: Light-harvesting (LH1) Protein Distance Constraints by EPR	1/1/01 - 12/31/03	01164501 \$439,389
Summers, Scott A	Primary PI	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	The Role of Glycogen Synthase Kinase 3 Beta in Tax-mediated T-cell Transformation	7/1/01 - 6/30/02	01276701 \$30,000
Antolin, Michael F	Primary PI	Biology National Fish and Wildlife Foundation	Ecology & Genetics of Plague in Wildlife	8/15/01 - 5/15/02	02318701 \$33,362
Antolin, Michael F Van Horne, Beatrice	Primary PI Co-PI	Biology NSF - National Science Foundation	The Effects of Fragmentation of the Population Genetics & Dispersal of Black-tailed Prairie Dogs	7/1/01 - 6/30/04	01237201 \$600,536
Baker, Myron C	Primary PI	Biology NSF - National Science Foundation	Animal Culture - Vocal Signal Function	12/1/00 - 11/30/03	01161201 \$59,947
Baker, Myron C	Primary PI	Biology NSF - National Science Foundation	Cultural & Morphological Traits in a Parrot Hybrid Zone	5/15/02 - 5/14/04	01302601 \$39,838
Bedinger, Patricia A	Primary PI	Biology NSF - National Science Foundation	The Role of Pollen Extension Chimeras in Pollen-pistil Interactions	1/1/01 - 12/31/03	01170201 \$391,795
Henk, Shanna C	Primary PI	Biology NSF - National Science Foundation	Indirect Effects of Biological Invasions: Argentine Ants & Plant Fitness	5/1/02 - 4/30/05	01313301 \$329,968
Florant, Gregory L	Primary PI	Biology University of British Columbia	Are Nutritional Factors Involved in the Decrease of the Vancouver Island Marmot Population?	5/1/01 - 12/31/03	01276901 \$124,334
Herbers, Joan M	Primary PI	Biology NSF - National Science Foundation	Coevolution Between Slavemaking Ants & Their Hosts	5/1/01 - 4/30/05	01243201 \$668,314
Herbers, Joan M Judd, Timothy M	Primary PI Co-PI	Biology NSF - National Science Foundation	Doctoral Dissertation: Nutritional Ecology in Social Insects	4/1/01 - 4/1/02	01217801 \$3,633

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Medford,June I	Primary PI	<b>Biology</b> **	A Photonics-based System for High	9/1/01 -	01245101
Alciatore,David	Co-PI	NSF - National Science Foundation	Throughput in vivo Screening of Plants &	8/31/04	\$2,495,356
Bedinger,Patricia A	Co-PI		High Throughput in vivo Imaging of Gene ...		
Beveridge,J Ross	Co-PI				
Medford,June I	Primary PI	<b>Biology</b>	Optical Coherence Microscopy for High	10/1/00 -	01193601
		Novartis Agric Discovery Institute, Inc.	Throughput Screening of Plants	9/30/01	\$222,467
Moore,Janice K	Primary PI	<b>Biology</b>	Mainland-island Patterns in Wild Turkey	1/1/02 -	01233801
		NSF - National Science Foundation	Intestinal Helminth Communities: Introduced	12/31/06	\$451,716
			Species as a Probe for Community ...		
Mykles,Donald L	Primary PI	<b>Biology</b>	Regulation of Fiber Switching in Lobster	4/1/01 -	01256401
		NSF - National Science Foundation	Muscle	3/31/02	\$10,000
Nash,Donald J	Primary PI	<b>Biology</b>	Potential Indicators in Puppies of Adult	8/1/01 -	01218401
Willis Jamtgaard,Jennie	Collaborator	Canine Health Foundation, Inc.	Aggression Dogs: Influence of Early	7/29/03	\$70,126
			Treatment on Eventual Outcome...		
Packard,Gary C	Primary PI	<b>Biology</b>	Life in the Cold: the Adaptive Strategy for	1/1/01 -	01171201
Packard,Mary Johnson	Co-PI	NSF - National Science Foundation	Overwintering by Hatchling Painted Turtles	12/31/03	\$448,279
Packard,Gary C	Primary PI	<b>Biology</b>	The Ecological Physiology of a Supercooled	6/1/01 -	01255801
Packard,Mary Johnson	Co-PI	NSF - National Science Foundation	Vertebrate	5/31/04	\$388,130
Packard,Mary Johnson	Primary PI	<b>Biology</b>	The Physiological Consequences of Life in a	6/1/01 -	01242701
		NSF - National Science Foundation	Supercooled State	5/31/04	\$344,576
Pilon,Marinus	Primary PI	<b>Biology</b>	Metal Homeostasis & Tolerance in Plant	1/1/01 -	01164401
		NSF - National Science Foundation	Chloroplasts - the Role of PAA1 & AtCutA	12/31/03	\$342,952
Pilon,Marinus	Primary PI	<b>Biology</b>	The Role of Glutathione in Phytoremediation of	9/1/01 -	01250101
Pilon-Smits,Elizabeth A.	Co-PI	EPA - Environmental Protection Agency	Organics & Inorganics	8/31/04	\$410,033
Pilon,Marinus	Primary PI	<b>Biology</b>	The Role of the Novel Copper Binding Protein	7/1/01 -	01227301
Pilon-Smits,Elizabeth A.	Co-PI	USDA - US Department of Agriculture	CutA in Plant Metal Tolerance	6/30/04	\$300,449
Reddy,Anireddy S N	Primary PI	<b>Biology</b>	Calmodulin-Binding Proteins in Mature &	8/1/01 -	01277101
		American Seed Research Foundation	Germinating Seeds of Arabidopsis	7/31/04	\$45,000
Reddy,Anireddy S N	Primary PI	<b>Biology</b>	Functional Analysis of a Pollen-specific	7/1/01 -	01238401
		USDA - US Department of Agriculture	Calmodulin Binding Protein from Arabidopsis	6/30/04	\$329,982

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## Natural Sciences - Proposals

<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Key #</b> <b>\$Amount</b>
Reddy,Anireddy S N	Primary PI	Biology NSF - National Science Foundation	Genome-wide Characterization of Calmodulin-binding Proteins from Arabidopsis	9/1/01 - 01258101 8/31/05 \$1,294,887
Reddy,Anireddy S N	Primary PI	Biology NSF - National Science Foundation	Genome-wide Characterization of Calmodulin-binding Proteins from Arabidopsis	1/1/01 - 01166601 12/31/04 \$594,490
Reeves,F Brent Jr	Primary PI	Biology NSF - National Science Foundation	Fungi & Allies - Inquiry-based Learning Modeled on Cognitive Instructional Design	3/15/02 - 01308901 3/15/04 \$64,121
Stack,Stephen	Primary PI	Biology NSF - National Science Foundation	Mapping Recombination Nodules on Synaptonemal Complexes of Maize - REU Supplement	3/1/98 - 01246301 2/28/02 \$5,000
Van Horne,Beatrice Antolin,Michael F	Primary PI Co-PI	Biology NSF - National Science Foundation	Demographic & Genetic Model of a Prairie Dog Metapopulation	6/1/01 - 01237101 5/31/04 \$571,405
Van Horne,Beatrice Lehmer,Erin M	Primary PI Co-PI	Biology NSF - National Science Foundation	Torpor Patterns, Diet, & Lipid Composition of Free-ranging Prairie Dog	4/1/01 - 01217301 3/31/03 \$18,236
Voss,S. Randal	Primary PI	Biology NSF - National Science Foundation	CAREER: Evolutionary Research & Education at Colorado State University	2/1/01 - 01173601 1/31/06 \$581,177
Voss,S. Randal	Primary PI	Biology NSF - National Science Foundation	Ecological Physiology of Urodele Metamorphosis	2/1/01 - 01170101 12/31/03 \$298,580
Voss,S. Randal	Primary PI	Biology HHS-NIH-National Institutes of Health	Genome Resources for Model Amphibians	10/1/01 - 01200401 9/30/06 \$1,292,500
Voss,S. Randal	Primary PI	Biology NSF - National Science Foundation	Physiological Genetic Basis of Metamorphic Timing in a Urodele	5/15/01 - 01264401 8/15/01 \$4,875
Wiens,John A	Primary PI	Biology NSF - National Science Foundation	Climate Change & Migratory Shorebirds: Ingrating the Effects of Climate Variation, Habitat Quality, & Landscape Change	9/1/01 - 01233901 8/31/04 \$487,069
Wiens,John A Bossenbroek,Jonathan M	Primary PI Co-PI	Biology NSF - National Science Foundation	Dissertation Research: Scaling Functions & Mechanisms in Beetle Responses to Patterns of Landscape Structures	5/1/01 - 01217501 5/1/03 \$7,400
Wilson,Thomas G	Primary PI	Biology NSF - National Science Foundation	A Drosophila Juvenile Hormone Receptor	6/1/01 - 01242101 5/31/05 \$513,398
Wilson,Thomas G	Primary PI	Biology University of Colorado	Genetic Analysis of Nicotine Tolerance	6/1/01 - 01247201 5/31/04 \$493,274

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<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Key #</b>	<b>\$Amount</b>
Wilson,Thomas G	Primary PI	Biology HHS-NIH-National Institutes of Health	Genetics of Juvenile Hormone Action in Drosophila	7/1/01 - 6/30/05	01200301 \$859,731
Wright,William G	Primary PI	Biology NSF - National Science Foundation	Evolution of Mechanisms of Classical Conditioning	1/1/01 - 12/31/03	01169801 \$431,373
Butler,Courtney M	Primary PI	Center For Sci, Math & Tech Ed Colorado Institute of Technology	Advanced Placement Small-Scale Chemistry Institute	5/1/01 - 8/31/01	01259501 \$12,020
Butler,Courtney M	Primary PI	Center For Sci, Math & Tech Ed Colorado Institute of Technology	First-Year Small-Scale Chemistry Institute	5/1/01 - 8/31/01	01260701 \$12,020
Butler,Courtney M	Primary PI	Center For Sci, Math & Tech Ed Colorado Institute of Technology	Summer Math Teaching Institute	5/1/01 - 8/31/01	01259201 \$26,500
Geary,Edward E	Primary PI	Center For Sci, Math & Tech Ed ** Montana State University	Center for Learning & Teaching in the West	9/15/01 - 8/31/06	01273201 \$1,576,481
Geary,Edward E	Primary PI	Center For Sci, Math & Tech Ed NSF - National Science Foundation	Integrating Science & Technology in Middle Schools	3/1/01 - 2/28/06	01211301 \$1,494,484
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	01287001 \$999,574
Jones,Christine S	Primary PI	Center For Sci, Math & Tech Ed Colorado Institute of Technology	Integrating Science & Technology in Middle Schools	5/1/01 - 4/30/02	01259801 \$26,500
Barisas,B George	Primary PI	Chemistry NSF - National Science Foundation	Fluorescence Lifetime Spectrometer with Interfaced Microscope	1/1/01 - 12/31/01	01210501 \$116,780
Barisas,B George	Primary PI	Chemistry HHS-NIH-National Institutes of Health	Membrane Dynamics & Function of MHC Class II Mutants	4/1/01 - 3/31/06	01174801 \$1,894,681
Bernstein,Elliot R	Primary PI	Chemistry DOD-ARMY-ARO-Army Research Office	Decomposition of Energetic Material from Excited Electronic States-RDX, HMX, Model Nitramines	10/1/01 - 9/30/04	01308201 \$405,755
Bernstein,Elliot R	Primary PI	Chemistry NSF - National Science Foundation	Hydrogen Abstraction Radical Reactions: Entrance Channel Control	2/1/01 - 12/31/03	01170001 \$481,184
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	01255301 \$25,000

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## Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount	
Chen,Eugene Y	Primary PI	Chemistry Research Corporation / Foundation	Chiral Surface-Confined Polymerization Catalysts: From Stereoselective Synthesis to Building Chiral Nano-Reactors	7/1/01 - 6/30/02	01291001 \$35,000
Chen,Eugene Y	Primary PI	Chemistry American Chemical Society	Development of New Syntheses of the Polymers from Heterocyclic Monomers	11/1/00 - 10/31/02	01171001 \$25,000
Chen,Eugene Y	Primary PI	Chemistry Pennzoil-Quaker State Company	Synthetic Green Polymers as Lubricants & Packaging Materials	4/1/01 - 3/31/02	01257501 \$62,386
Chen,Eugene Y	Primary PI	Chemistry Dow Chemical Company	Well-Defined Surface-Bound Reactive Chiral Organometallic Species: From Stereoselective Synthesis to Porous ...	11/1/00 - 11/1/01	01198801 \$69,658
Dorhout,Peter K	Primary PI	Chemistry CRDF Civilian Rsrch & Dvlpmt Foundation	Synthesis & Characterization of New Rare- Earth Metal Oxide & Oxide Sulfide Materials	1/1/02 - 12/31/03	01295201 \$16,000
Elliott,C Michael	Primary PI	Chemistry NSF - National Science Foundation	ITR/SY (MPS): Molecular-Based Optical Detection of Weak Magnetic Fields	8/17/01 - 8/16/04	01248401 \$498,598
Fisher,Ellen R Chandler,John P	Primary PI Co-PI	Chemistry ** NSF - National Science Foundation	Acquisition of an Integrated Scanning Electron Microscope System	7/1/01 - 6/30/02	01247901 \$434,833
Fisher,Ellen R	Primary PI	Chemistry DOD - US Department of Defense	Design Rules for High Temperature Microchemical Systems	5/1/01 - 4/30/04	01219701 \$313,815
Fisher,Ellen R Dandy,David S Grainger,David W	Primary PI Co-PI Co-PI	Chemistry ** NSF - National Science Foundation	Towards the Rational Design & Control of Plasma Polymerized Materials for Biocompatible Coatings & Electronic Devices	7/1/01 - 6/30/04	01268501 \$1,064,032
Greenberg,Marc M	Primary PI	Chemistry HHS-NIH-Center for Scientific Review	Mechanistic Studies of DNA Damage & Their Application	7/1/01 - 6/30/05	01210701 \$1,045,958
Kennan,Alan J	Primary PI	Chemistry HHS-NIH-National Institutes of Health	Biologically Inspired Molecular Recognition Motifs	7/1/01 - 6/30/06	01200201 \$1,098,046
Kennan,Alan J	Primary PI	Chemistry HHS-NIH-National Institutes of Health	Control of Coiled-Coil Association with Unnatural Sidechains	1/1/02 - 12/31/06	01306601 \$1,098,056
Kennan,Alan J	Primary PI	Chemistry NSF - National Science Foundation	Design of Peptide-Based Molecular Recognition Motifs	4/1/01 - 3/31/06	01175801 \$554,772
Maciel,Gary E	Primary PI	Chemistry Philip Morris, Incorporated	Time-Temperature-Conditions Experiments on Paramagnetic Centers in Heated Plant Material	10/1/00 - 9/30/02	01195601 \$178,828

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Meersmann,Thomas	Primary PI	Chemistry NASA - Natl Aeronautics & Space Admin.	Probing the Porous Structure of Interplanetary Dust Particles by Diffusion Measurements with Laser Spin-Polarized ...	1/1/02 - 12/31/04	01307101 \$419,566
Parkinson,Bruce Alan	Primary PI	Chemistry NSF - National Science Foundation	Fundamental Studies of Novel Inorganic Fullerenes	6/1/01 - 5/31/04	01233201 \$447,438
Rovis,Tomislav	Primary PI	Chemistry Boehringer Ingelheim Pharmaceuticals	Catalytic Generation of Carbon-Carbon Bonds: Towards a General Csp <sup>3</sup> -Csp <sup>3</sup> Cross-Coupling Reaction	5/1/01 - 4/30/03	01223401 \$70,000
Rovis,Tomislav	Primary PI	Chemistry HHS-NIH-National Institutes of Health	Development, Scope & Synthetic Applications of the Stereoretentive O & C Rearrangement	4/1/02 - 3/31/07	01306501 \$1,293,490
Rovis,Tomislav	Primary PI	Chemistry American Chemical Society	Stereoselective Catalytic Generation of Carbon- Carbon Bonds	9/1/01 - 8/31/02	01181501 \$25,000
Rovis,Tomislav	Primary PI	Chemistry Research Corporation / Foundation	Transition Metal Complex as a Bronsted Base: A New Reactivity Manifold for the Hydroalkoxylation, Hydroamination & ...	7/1/01 - 6/30/02	01305201 \$35,000
Szamel,Grzegorz	Primary PI	Chemistry NSF - National Science Foundation	Statistical Mechanics of Supercooled Liquids & the Glass Transition	8/15/01 - 8/14/04	01245801 \$384,454
Van Orden,Alan K	Primary PI	Chemistry NSF - National Science Foundation	Probing the Biomaterial Interface with Single Molecule Spectroscopy & Atomic Force Microscopy	8/1/01 - 7/31/06	01175001 \$573,808
Van Orden,Alan K	Primary PI	Chemistry HHS-NIH-Center for Scientific Review	Rapid Screening in Electrophoresis Microarrays (R21/R33)	4/1/02 - 3/31/07	01306201 \$997,317
Van Orden,Alan K	Primary PI	Chemistry NSF - National Science Foundation	Single Molecule Protein Dynamics at the Biomaterial Interface	9/1/01 - 8/31/04	01245701 \$414,961
Van Orden,Alan K	Primary PI	Chemistry DOD-NAVY-ONR-Office of Naval Research	Single Molecule Protein Dynamics at the Biofilm-Liquid Interface	5/1/01 - 5/1/04	01214101 \$382,701
Andrews,Anneliese A	Primary PI	Computer Science CCHE-Commission on Higher Education	Fiscal Year 02 Colorado Advanced Software Institute (CASI) Program Plan	7/1/01 - 6/30/02	01290701 \$325,355
Bieman,James M	Primary PI	Computer Science NSF - National Science Foundation	Evaluating Object-Oriented Designs	6/1/01 - 5/31/04	01199101 \$265,633

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Bieman,James M	Primary PI	Computer Science CASI-Colorado Advanced Software Inst.	Software Design Repository Tool Development	8/1/01 - 6/30/02	01263401 \$3,000
Draper,Bruce	Primary PI	Computer Science DOD - US Department of Defense	Modeling the Ventral Visual Pathway: Abiomimetic Approach to Object Recognition	7/18/01 - 7/17/03	01293401 \$225,545
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	01269701 \$86,000
France,Robert Ghosh,Sudipto Turk,Daniel E	Primary PI Co-PI Co-PI	Computer Science NSF - National Science Foundation	ITR/SY: An Enterprise Architecture Reuse Framework	7/1/01 - 8/31/04	01248101 \$499,960
France,Robert Bieman,James M	Primary PI Co-PI	Computer Science NSF - National Science Foundation	Multi-view Software Evolution	9/1/01 - 8/31/06	01221901 \$2,137,296
France,Robert	Primary PI	Computer Science U.S. West Communications, Inc. *	An Architectural Approach to Systematic Reuse	8/17/00 - 6/16/01	01186301 \$20,943
Ghosh,Sudipto	Primary PI	Computer Science CASI-Colorado Advanced Software Inst.	A Software Visualization System for CORBA- based Heterogeneous Distributed Applications	8/1/01 - 6/30/02	01263501 \$3,000
Ghosh,Sudipto	Primary PI	Computer Science NSF - National Science Foundation	Testing Heterogeneous Distributed Component-Based Applications	7/1/01 - 6/30/03	01199201 \$202,427
Howe,Adele	Primary PI	Computer Science NSF - National Science Foundation	A Metaplanner Approach to Modeling Planner Performance	5/16/01 - 5/15/04	01196401 \$187,581
Malaiya,Yashwant K	Primary PI	Computer Science NSF - National Science Foundation	Assessing & Controlling the Impact of Requirements Volatility on Defect Density	9/1/01 - 8/31/04	01252601 \$299,055
Malaiya,Yashwant K Ghosh,Sudipto Schauble,Carolyn J.C Schleiffers,Sandra M	Primary PI Co-PI Co-PI Co-PI	Computer Science Colorado Institute of Technology	Introducing Computer Science: A Summer Program	6/1/01 - 8/15/01	01259401 \$68,271
Vose,Michael D	Primary PI	Computer Science NSF - National Science Foundation	Practical Application of Genetic Algorithm Theory	1/1/02 - 12/31/06	01267801 \$1,194,834
Whitley,L Darrell	Primary PI	Computer Science NSF - National Science Foundation	Adaptive Representations for Genetic Algorithms & Local Search	7/1/01 - 6/30/04	01256901 \$265,119

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Sneider,Thomas W	Primary PI	Dean Of Natural Sciences ** Arnold & Mabel Beckman Foundation	Beckman Scholars Program - Undergraduate Research	6/1/01 - 9/30/03	01210001 \$105,600
Sneider,Thomas W	Primary PI	Dean Of Natural Sciences **	Technology Integration into Core Laboratory Education	1/1/02 - 12/31/03	01303301 \$199,815
Bamburg,James R	Co-PI	NSF - National Science Foundation			
Bedinger,Patricia A	Co-PI				
Fisher,Ellen R	Co-PI				
Pilon-Smits,Elizabeth A.	Co-PI				
Dangelmayr,Gerhard H	Primary PI	Mathematics	Control & Design of Complex Systems	2/1/01 - 1/31/04	01209001 \$355,492
Anderson,Charles	Co-PI	NSF - National Science Foundation			
Kirby,Michael J	Co-PI				
Dangelmayr,Gerhard H	Primary PI	Mathematics	Dynamics, Modulation & Control of Networks of Neural Oscillators	1/1/02 - 12/31/04	01312301 \$34,128
		NSF - National Science Foundation			
Estep,Donald J	Primary PI	Mathematics	Computational Error Estimation & Adaptive Error Control for Multiscaled Differential Equations	6/30/01 - 6/30/04	01235901 \$157,465
		NSF - National Science Foundation			
Estep,Donald J	Primary PI	Mathematics	Workshop on the Preservation of Stability Under Discretization	6/1/00 - 5/31/02	01211901 \$12,600
Tavener,Simon J	Co-PI	NSF - National Science Foundation			
Killpatrick,Kendra	Primary PI	Mathematics	A Charge Statistic for the Hyperoctahedral Group	8/21/01 - 8/20/04	01202901 \$55,813
		NSF - National Science Foundation			
Kirby,Michael J	Primary PI	Mathematics	A Mathematical Modeling Program for Undergraduates in Science, Mathematics, Engineering & Technology	1/1/02 - 12/31/04	01303501 \$85,588
Dangelmayr,Gerhard H	Co-PI	NSF - National Science Foundation			
Kirby,Michael J	Primary PI	Mathematics	Assess Utility of Wavelet Analysis for Detecting & Characterizing Landscape-Scale Patterns of Forest Disturbance	6/15/01 - 6/1/02	01305601 \$11,000
		USDA-USFS-Rocky Mtn. Rsrch Station - CO			
Kirby,Michael J	Primary PI	Mathematics	Image Mining of Sensed Data	9/21/00 - 2/21/01	01201701 \$19,597
		Technical Management Concepts, Inc.			
Mueller,Jennifer L	Primary PI	Mathematics	A Direct Reconstruction Algorithm for the 2-D Inverse Conductivity Problem	6/1/01 - 5/31/04	01217901 \$81,031
		NSF - National Science Foundation			
Poore,Aubrey B	Primary PI	Mathematics	Advanced Tracking Techniques for Foliage Penetrating (FOPEN) GMTI Radars	11/1/01 - 4/30/03	01306101 \$124,999
		Integrated Sensors, Inc. (ISI)			

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Tavener,Simon J	Primary PI	Mathematics NSF - National Science Foundation	Quantitative Analysis of Nonlinear Phenomena in Finite Physical Systems	7/1/01 - 6/30/04	01212001 \$151,128
Field,Stuart	Primary PI	Physics NSF - National Science Foundation	Collaborative Research: Imaging of Static & Dynamic Vortex Phases in Artificially- Structured Magnetic & ...	8/1/01 - 7/31/04	01257201 \$195,966
Hochheimer,Hans D	Primary PI	Physics ** University of Wyoming	High Pressure Brillouin Scattering Studies of Amorphous Phase Structural Transitions	6/1/01 - 5/31/04	01223301 \$193,330
Hochheimer,Hans D	Primary PI	Physics NATO-North Atlantic Treaty Organization	High Pressure Raman Measurements on Semiconducting Polymer Films	5/28/01 - 6/15/01	01242201 \$3,000
Hochheimer,Hans D	Primary PI	Physics NSF - National Science Foundation	High Pressure Study of Complex Electronic Materials Characterized by Strong Coupling Between Charge, Spin & ...	1/1/01 - 12/31/03	01170701 \$639,628
Hochheimer,Hans D	Primary PI	Physics CRDF Civilian Rsrch & Dvlpmt Foundation	High Pressure Study of Novel Materials & Liquids	7/1/01 - 6/30/02	01280101 \$17,275
Hochheimer,Hans D Dorhout,Peter K	Primary PI Co-PI	Physics NSF - National Science Foundation	Study of Structure-physical Properties Relation of New Materials with Reduced Dimensionality	1/1/01 - 12/31/03	01170801 \$567,192
Lee,Siu Au Bradley,Richard M Menoni,Carmen S	Primary PI Co-PI Co-PI	Physics DOD-ARPA-Advanced Research Proj. Agency	Composition Modulation & Patterning with Laser Assisted Molecular Beam Exptial Growth of Low Dimensional ...	5/1/01 - 4/30/04	01179101 \$1,811,000
Patton,Carl E	Primary PI	Physics NSF - National Science Foundation	From Solitons to Precessional Dynamics & Chaos - Nonlinear Spin Waves in Magnetic Thin Film	8/1/01 - 7/31/04	01234501 \$432,446
Patton,Carl E	Primary PI	Physics DOD-ARMY-ARO-Army Research Office	Microwave Solitons & Precessional Dynamics in Magnetic Thin Films-Physics & Devices	7/1/01 - 6/30/04	01307401 \$639,686
Patton,Carl E	Primary PI	Physics NATO-North Atlantic Treaty Organization	Nonlinear Dynamics in Magnetic Thin Films - Wave Interactions, Microwave Envelope Solitons, & Bistability	9/1/01 - 8/31/03	01270701 \$30,000
Sites,James R	Primary PI	Physics CRDF Civilian Rsrch & Dvlpmt Foundation	Development of New Techniques of CdS-CdTe Solar Cell Enhancement	6/1/01 - 12/31/02	01253501 \$7,000
Sites,James R	Primary PI	Physics Midwest Research Institute - NREL	Device Physics of Thin-film Polycrystalline Solar Cells	8/16/01 - 8/15/04	01280001 \$602,782

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## Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount	
Sites,James R	Primary PI	Physics CRDF Civilian Rsrch & Dvlpmt Foundation	Laser Enhancement of CdTe Solar-Cell Efficiency	10/1/01 - 9/30/03	01300601 \$16,000
Wilson,Robert	Primary PI	Physics DOE - US Department of Energy	Detector Research Proposal: Focusing Detection of Internally Reflected Cerenkov Light & UV Photodetector Studies	6/1/01 - 5/30/02	01231101 \$53,300
Aloise-Young,Patricia A Swaim,Randall C	Primary PI Co-PI	Psychology HHS-NIH-National Institutes of Health	Substance Use Among Children of Hispanic School Dropouts	1/1/02 - 12/31/06	01201001 \$609,822
Beauvais,Frederick	Primary PI	Psychology HHS-NIH-National Institutes of Health	Reduction of Alcohol Use through a Collaborative Research Project	11/1/00 - 10/31/03	01174301 \$433,438
Borrayo,Evelinn	Primary PI	Psychology Susan G. Komen Breast Cancer Foundation	Ethnic Minority Women's Participation in Breast Cancer Clinical Trials	10/1/01 - 9/30/03	01272901 \$249,687
Borrayo,Evelinn	Primary PI	Psychology Susan G. Komen Breast Cancer Foundation	Latina's Participation in Breast Cancer	1/1/01 - 12/31/01	01189601 \$49,950
Buki,Lydia	Primary PI	Psychology Susan G. Komen Breast Cancer Foundation	Mental Health Needs of Latina Breast Cancer Survivors	1/1/01 - 12/31/01	01188901 \$49,498
Chen,Peter	Primary PI	Psychology ** American Psychological Association	Colorado State University Occupational Health Psychology Graduate Training	9/1/01 - 5/30/02	01272601 \$24,792
James,Keith	Primary PI	Psychology NSF - National Science Foundation	Collaborative for Environmental Science & Indigenous Knowledge Education	7/1/01 - 7/31/04	01244301 \$1,174,053
James,Keith	Primary PI	Psychology NSF - National Science Foundation	ITR/PE Integrating Information Technology & Human Systems in Work Organizations	1/31/02 - 2/1/05	01222401 \$6,133,993
James,Keith Sarason,Yolanda	Primary PI Co-PI	Psychology ** NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male, Majority & Minority	9/30/01 - 10/1/04	01280201 \$496,354
Loomis,Ross J	Primary PI	Psychology Spencer Foundation	The Effects of Teacher Gender & Race on Gaining Compliance in Educational Settings	1/1/01 - 6/30/01	01214301 \$23,324
Nerger,Janice L Volbrecht,Vicki J	Primary PI Co-PI	Psychology NSF - National Science Foundation	Color Vision in the Peripheral Retina	1/1/02 - 12/31/05	02317001 \$401,947
Seger,Carol A	Primary PI	Psychology HHS-NIH-National Institutes of Health	Neural Substrates of Concept Learning	8/1/01 - 7/31/02	01201601 \$72,306

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## Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Swaim,Randall C	Primary PI	Psychology University of Colorado	Prediction of Tobacco-Using Groups in Pre-Adolescent Youth	7/1/01 - 6/30/04	01250301 \$671,861
Thurman,Pamela J	Primary PI	Psychology US Department of Justice	A Longitudinal Study of Native Youth Risk for Delinquency Using the Community Readiness Model	1/1/02 - 12/31/03	01309801 \$649,938
Breidt,F.Jay	Primary PI	Statistics NSF - National Science Foundation	Collaborative Research: Nonparametric Model-Assisted Survey Estimation	7/1/01 - 6/30/04	01222801 \$195,619
Breidt,F.Jay	Primary PI	Statistics Oregon State University	Applying Design-Based Model Assisted Survey Methodology to Aquatic Resources	10/1/01 - 9/30/05	01264001 \$541,191
Urquhart,N. Scott	Co-PI				
Breidt,F.Jay	Primary PI	Statistics Iowa State University	Statistical Methods for Soil Survey Updates	4/1/01 - 11/30/01	01283601 \$23,639
Davis,Richard A	Primary PI	Statistics EPA - Environmental Protection Agency	Applying Spatial & Temporal Modeling of Statistical Surveys to Aquatic Resources	10/1/01 - 9/30/05	01264301 \$2,998,331
Urquhart,N. Scott	Co-PI				
Davis,Richard A	Primary PI	Statistics ** NSF - National Science Foundation	Program for Interdisciplinary Statistics Ecology & Mathematics	8/1/02 - 7/31/07	02319801 \$2,563,772
Givens,Geof H	Primary PI	Statistics North Slope Borough (Alaska)	Development of a Bowhead Aboriginal Whaling Management Procedure	8/15/00 - 6/30/01	01181201 \$59,549
Hannig,Jan	Primary PI	Statistics NSF - National Science Foundation	Filtrations & Threshold Stochastic Differential Equations	6/1/01 - 5/31/04	01214001 \$194,852
Lee,Chun Man	Primary PI	Statistics NSF - National Science Foundation	Collaborative Research: Self-Consistency & Wavelet Regressions with Irregular Designs	6/1/01 - 5/31/04	01211101 \$212,173
Lee,Chun Man	Primary PI	Statistics NSF - National Science Foundation	Regularization Methods for Some Ill-Posed Inverse Problems	6/1/01 - 5/31/04	01219001 \$232,047

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Beam, Kurt G	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Regulation of Membrane Excitability	7/1/01 - 6/30/06	01216701 \$1,812,500
Handa, Robert J	Primary PI	Anatomy & Neurobiology NSF - National Science Foundation	Estrogen Receptor Beta Splice Variants: Role in Brain Development	3/1/01 - 2/28/03	01170301 \$248,093
Handa, Robert J	Primary PI	Anatomy & Neurobiology NASA - Natl Aeronautics & Space Admin.	Sex Differences in the Response to Microgravity Stress	5/1/01 - 4/30/04	01250601 \$978,584
Magnusson, Kathy	Primary PI	Anatomy & Neurobiology HHS-NIH-Center for Scientific Review	Caloric Restriction, Antioxidants, & Aging N- methyl-D-aspartate Receptors	7/1/01 - 6/30/05	01219501 \$894,941
Magnusson, Kathy	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institute on Aging	Subunit Changes in Aging N-methyl-D- aspartate Receptors Memory	10/1/01 - 9/30/02	02322601 \$141,137
McConnell, Sherry Bowen, Richard A	Primary PI Co-PI	Anatomy & Neurobiology ** US Department of Education	Establishing an Upper Division Science Consortium	1/1/01 - 12/20/03	01274201 \$814,189
McConnell, Sherry Schoenfeld, Regina M Whalen, Lawrence Ray	Primary PI Co-PI Co-PI	Anatomy & Neurobiology USDA-CSREES-Coop State Rsrch Edu & Ext	Virtual Farm Animal Anatomy	1/1/02 - 12/31/04	01268001 \$99,245
Ogura, Tatsuya	Primary PI	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	Acetylcholine Receptors in Taste Receptor Cells	8/1/01 - 7/31/04	01239701 \$217,500
Partin, Kathryn M	Primary PI	Anatomy & Neurobiology HHS-NIH-Center for Scientific Review	Glutamate Receptor Desensitization & Its Modulation	12/1/01 - 11/30/06	01262101 \$1,103,784
Rash, John E Furman, C. Sue Davidson, Kimberly Gail Partin, Kathryn M Yasumura, Thomas	Primary PI Co-PI Collaborator Collaborator Collaborator	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Gap Junctions & Connexins in Developing Central Nervous System	11/1/01 - 10/30/05	01302001 \$1,305,000
Whalen, Lawrence Ray Lee, Robert E	Primary PI Co-PI	Anatomy & Neurobiology NSF - National Science Foundation	Virtual Anatomy of the Dog	7/1/02 - 6/30/05	01303101 \$488,159
Williams, Philip A	Primary PI	Anatomy & Neurobiology American Heart Association	Synaptic Reorganization in a Perinatal Model of Hypoxia/Ischemia	7/1/01 - 6/30/04	01232401 \$130,697
Wuarin, Jean-Pierre	Primary PI	Anatomy & Neurobiology University of Colorado	Role of BDNF in Epilepsy in the Mouse	7/1/01 - 6/30/04	01218101 \$224,164

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Billingham, R. Clark	Primary PI	Clinical Sciences	Immunoassays to Measure Body Fluid Levels of Collagen Fragments in a Guinea Pig Model of Osteoarthritis	1/1/01 -	01187301
McIlwraith, C Wayne	Co-PI	Pfizer Inc - Animal Health		12/31/01	\$27,206
Bright, Janice M	Primary PI	Clinical Sciences University of Tennessee	Doppler Parameters of Left Ventricular Diastolic Function in Cats: Normal Values & Relation to Age & Heart Rate	7/1/01 -	01253401
				6/30/02	\$9,769
Bright, Janice M	Primary PI	Clinical Sciences American Assoc. of Feline Practitioners	Doppler Parameters of Left Ventricular Function in Cats: Normal Values & Relation to Age & Heart Rate	7/1/01 -	01242401
				6/30/02	\$9,769
Bright, Janice M	Primary PI	Clinical Sciences Canine Health Foundation, Inc.	Long-Term Effects of Metoprolol Administration on Cardiac Function & Heart Rate in Irish Wolfhounds with Lone Atrial ...	7/1/01 -	01270901
				6/30/05	\$26,300
Dernell, William S	Primary PI	Clinical Sciences National Jewish Center	Adjuvant Tumor Vaccine For Dog Osteosarcoma Metastases	7/1/01 -	01258001
				6/30/06	\$407,396
Dernell, William S	Primary PI	Clinical Sciences University of Colorado	Design, Synthesis, & Evaluation of Activated Doxorubicin Targeted to Advanced Prostate Cancer	6/1/01 -	01260801
				5/31/04	\$47,885
Dernell, William S	Primary PI	Clinical Sciences DOD-ARMY-Military Medical Research & Dev	Evaluation of Intracavitary Chemotherapy Delivery for Treatment of Mammary Carcinoma	1/1/02 -	02314601
				12/31/04	\$110,019
Dernell, William S	Primary PI	Clinical Sciences DOD-ARMY	Evaluation of Intracavitary Chemotherapy Delivery for Treatment of Mammary Cancer	1/1/02 -	01307701
				12/31/04	\$328,883
Dernell, William S	Primary PI	Clinical Sciences University of Colorado	New Therapy for Metastatic Lung Cancer	4/1/01 -	01251001
				3/31/04	\$88,572
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 -	01200801
				3/30/04	\$74,847
Frisbie, David D	Primary PI	Clinical Sciences Bayer Corp / Ag - Animal Health Division	Evaluation of Interleukin-1 Receptor Antagonist Delivered Using an Adeno-associated Viral Vector for Treatment of ...	9/1/00 -	01201201
				10/1/01	\$258,678
Frisbie, David D	Primary PI	Clinical Sciences Nutramax Laboratories, Inc.	Evaluation of Sodium Pentosan Polysulfate in an Experimental Model of Osteoarthritis in Horses	11/21/00 -	01216501
				6/30/01	\$0

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Frisbie,David D	Primary PI	Clinical Sciences	Evaluating Reduction in Lameness or	1/1/01 -	01213801
Kawcak,Christopher E	Co-PI	Dynamix	Prevention of Pathological Bone Changes Following Application of Dynamix Shoes	12/31/02	\$515,964
Garry,Franklyn B	Primary PI	Clinical Sciences **	Intergrated Livestock Management Approach	10/1/01 -	01287101
Frasier,W. Marshall	Co-PI	USDA - US Department of Agriculture	to Dairy Quality Assurance	9/30/05	\$1,304,384
Hoag,Dana Loyd	Co-PI				
Salman,M D	Co-PI				
Gaynor,James S	Primary PI	Clinical Sciences	Survey of Veterinarian & Pet Owner Attitudes	7/1/01 -	01277201
Hellyer,Peter W	Co-PI	Morris Animal Foundation	towards Pain in Dogs & Cats	6/30/02	\$52,904
Lacy,Michael G	Co-PI				
Hackett,Timothy B	Primary PI	Clinical Sciences **	Investigation of Metabolic & Endocrine	7/1/01 -	01279701
Fettman,Martin J	Co-PI	Morris Animal Foundation	Changes in the Canine Critical Patient	6/30/04	\$67,618
Mazzaferro,Elisa M	Co-PI				
Ogilvie,Gregory K	Co-PI				
Wingfield,Wayne E	Co-PI				
Hellyer,Peter W	Primary PI	Clinical Sciences	A Proposed Model to Test the Efficacy of Pain	7/1/01 -	01283901
Hendrickson,Dean A	Co-PI	Stuart Foundation (Hadley & Marion)	Relieving (Analgesic) Drugs in Horses	6/30/03	\$61,662
Frisbie,David D	Collaborator				
Mama,Khursheed R	Collaborator				
Wagner,Ann E	Collaborator				
Kawcak,Christopher E	Primary PI	Clinical Sciences	Acquisition of Bone Imaging Equipment in the	1/1/01 -	01206101
Mcilwraith,C Wayne	Co-PI	Kleberg Foundation (Robert J. and Helen)	Equine Othopaedic Research Laboratory at	12/31/02	\$230,300
Park,Richard D	Co-PI		Colorado State University		
Kawcak,Christopher E	Primary PI	Clinical Sciences	Effects of Early Exercise on Osteochondral	9/1/01 -	01278901
Mcilwraith,C Wayne	Collaborator	Morris Animal Foundation	Tissues	8/30/04	\$86,806
Kawcak,Christopher E	Primary PI	Clinical Sciences	Evaluation of the Degree & Pattern of Skin	8/1/01 -	01306901
		Daiichi Fine Chemicals	Cooling by the Winback Horse Cooling Sheet	6/30/02	\$34,416
Kawcak,Christopher E	Primary PI	Clinical Sciences **	Experimental Analysis of Osteochondral	9/1/01 -	01265201
James,Susan P	Co-PI	Whitaker Foundation	Host/Graft Tissue Interfaces During Simulated	8/31/04	\$202,792
Smith,Frederick W	Collaborator		Physiological Loading		
Wheeler,Donna	Collaborator				
Kawcak,Christopher E	Primary PI	Clinical Sciences	Shear Stress Detection in Equine	4/1/01 -	01201901
James,Susan P	Co-PI	Grayson-Jockey Club Research Foundation	Osteochondral Tissue	3/31/03	\$60,666

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
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 02316901 \$290,175
Monnet,Eric	Primary PI	Clinical Sciences	Adynamic Cardiomyoplasty for the Treatment of Naturally Occurring Dilated Cardiomyopathy of Dogs	7/1/01 - 7/1/04 01277001 \$147,462
Bright,Janice M	Co-PI	Morris Animal Foundation		
Gaynor,James S	Co-PI			
Hackett,Timothy B	Co-PI			
Orton,E Christopher	Co-PI			
Salman,M D	Co-PI			
Monnet,Eric	Primary PI	Clinical Sciences American College of Veterinary Surgeons	Effect of Positive End Expiratory Pressure on Oxygen Delivery During One Lung Ventilation in Dogs Undergoing ...	6/1/01 - 6/1/02 01231301 \$8,280
Monnet,Eric	Primary PI	Clinical Sciences Cohesion Corporation	Evaluation of a Cohesion Polymer for the Prevention of Seroma Formation in a Canine Model: Pilot Study	11/1/00 - 11/1/01 01207501 \$13,716
Mortimer,Robert G	Primary PI	Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Evaluation of Forages on Sheep Operations in 22 States	3/12/01 - 9/30/01 01292301 \$8,335
Mueller,Ralf S	Primary PI	Clinical Sciences **	Conventional & Rush Immunotherapy in Canine Atopic Dermatitis	7/1/01 - 12/31/03 01279801 \$25,507
Avery,Anne C	Co-PI	Morris Animal Foundation		
Bettenay,Sonya V.T	Collaborator			
Rosychuk,Rod A W	Collaborator			
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 01288501 \$331,444
Pluhar,G. Elizabeth	Primary PI	Clinical Sciences Veterinary Orthopedic Society	Comparison Between Total Hip Arthroplasty Wear & Failure Mechanisms in Dogs & Humans	4/1/01 - 3/31/02 01231201 \$10,000
Turner,Anthony Simon	Primary PI	Clinical Sciences Hospital for Special Surgery	An Evaluation of Osteochondral Allograft Transplantation in an Ovine Model	7/1/01 - 6/30/02 01283501 \$69,335
Turner,Anthony Simon	Primary PI	Clinical Sciences Henry Ford Health System (Hospital)	Modulation of Local Bone Tissue Material Properties	7/1/01 - 6/30/05 01210301 \$225,172
Turner,Anthony Simon	Primary PI	Clinical Sciences Medtronic, Inc.	Neck Fusion in an Ovine Model	1/1/01 - 12/31/01 01239001 \$43,076

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Turner,Anthony Simon	Primary PI	Clinical Sciences Medtronic, Inc.	Nucleus Implant & Annular Repair: A Pilot Study in Sheep	9/1/00 - 8/31/01	01187101 \$48,051
Turner,Anthony Simon	Primary PI	Clinical Sciences Hospital for Special Surgery	Evaluation of Rotator Cuff Repair Using Allograft Bone Screws: Early & Delayed Repair	1/1/01 - 12/31/01	01224601 \$76,572
Turner,Anthony Simon	Primary PI	Clinical Sciences St. Francis Medical Technologies, Inc.	Use of Peptide to Prevent Lumbar Disk Degeneration: A Pilot Study in Sheep	1/1/01 - 12/31/01	01240601 \$48,223
Turner,Anthony Simon	Primary PI	Clinical Sciences EBI-Electro-Biology, Inc.	Absorbable Plating System for Cervical Fusion in an Ovine Model	6/5/01 - 6/4/02	01304501 \$72,451
Turner,Anthony Simon	Primary PI	Clinical Sciences Medtronic, Inc.	Fusionless Thoroscope Correction of Scoliosis in Children: A Pilot Study Using Sheep	7/1/01 - 6/30/02	01300701 \$24,502
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 - 6/30/01	01300801 \$44,200
Mcconnell,Sherry Schoenfeld,Regina M	Primary PI Co-PI	Dean Of Vet Medicine NSF - National Science Foundation	Seeing Up Close From a Distance: Development & Evaluation of an Online Histology Course	5/15/02 - 11/14/03	01303601 \$74,996
Nett,Torrance M	Primary PI	Dean Of Vet Medicine Merck Company Foundation	Animal Health Grants Program	1/1/01 - 12/31/01	01220801 \$30,000
Powers,Barbara E	Primary PI	Dean Of Vet Medicine USDA-APHIS-Animal Plant Health Insp Srvc	Tissue Digestor Waste Reduction Plan	4/10/01 - 9/30/01	02315201 \$183,000
Andersen,Melvin E Yang,Raymond S H	Primary PI Collaborator	Environmental Health HHS-NIH-Center for Scientific Review	Applying Chemical Engineering Concepts to Toxicology	9/1/01 - 8/31/03	01283701 \$72,634
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 ...	2/1/01 - 1/31/03	01248001 \$277,410
Andersen,Melvin E	Primary PI	Environmental Health Chemical Manufacturers Association (CMA)	Non-Linear Dose Response Relationships for Developmental Responses: An Example with Defeminization by ...	12/1/00 - 11/30/03	01201301 \$597,672
Bachand,Annette M	Primary PI	Environmental Health March of Dimes Birth Defects Foundation	Exposure to Disinfection Byproducts & Risk of Preterm Birth & Growth Retardation	2/1/02 - 1/31/04	01308101 \$150,000

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Blehm,Kenneth D	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Industrial Hygiene Training Program 7/1/02 - 6/30/07	01310301 \$172,012
Buchan,Roy M	Primary PI	Environmental Health **	Centers for Agricultural Disease & Injury	10/1/01 - 01280301
Ayers,Paul D	Co-PI	HHS-CDC-Centers for Disease Control	Research, Education & Prevention	9/30/06 \$4,809,638
Rask,Glen	Co-PI			
Sandfort,Delvin R	Co-PI			
Seiz,Robert	Co-PI			
Tessari,John Domenic	Co-PI			
Tillery,Marvin I	Co-PI			
Todd,Brit E	Co-PI			
Dekrey,Gregory K	Primary PI	Environmental Health HHS-NIH-Center for Scientific Review	Ethanol & Gene Expression 5/1/01 - 7/31/03	01227001 \$108,017
Hanneman,William H	Primary PI	Environmental Health Medical College of Ohio	Analysis of Meiotic Recombination & DNA Repair in Response to Ionizing Radiation 9/1/01 - 8/31/04	01295101 \$231,035
Hanneman,William H	Primary PI	Environmental Health Searle Scholars Program	Cellular & Phenotypic Analysis of Neurodevelopmental Gene Expression 7/2/01 - 7/1/04	01201501 \$180,000
Hanneman,William H	Primary PI	Environmental Health Burroughs-Wellcome Fund Foundation	Cellular & Phenotypic Analysis of Dioxin- Induced Developmental Genes 7/1/01 - 6/30/04	01211701 \$210,000
Hanneman,William H	Primary PI	Environmental Health HHS-NIH-Center for Scientific Review	Identifying Genes Linked to Cancer Using Gene Traps 4/1/02 - 3/31/04	01305101 \$287,456
Hanneman,William H	Primary PI	Environmental Health Texas A & M	Impairment of Neuritogenesis by Lead in Vivo 7/1/01 - 6/30/05	01195801 \$87,000
Hanneman,William H	Primary PI	Environmental Health University of Colorado	Tobacco & Gene Expression 7/1/01 - 12/31/02	01249301 \$104,925
Lapidot,Smadar A	Primary PI	Environmental Health	Modeling Chlorobenzene Mixture's	7/1/01 - 01252801
Andersen,Melvin E	Co-PI	HHS-NIH-National Institutes of Health	Carcinogenic Potential	6/30/06 \$654,551
Yang,Raymond S H	Co-PI			
Legare,Marie E	Primary PI	Environmental Health Cure Autism Now Foundation	Analysis of the Effects of Mercury (Hg) on Inositol Polyphosphate 4-Phosphatase Gene (INPP4A) & Neurodegeneration 7/1/01 - 6/30/03	01254001 \$168,606

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Nuckols,John R	Primary PI	Environmental Health HHS-NIH-Center for Scientific Review	Geographic-based Exposure Assessment of Agricultural Chemicals & Childhood Cancer	9/1/01 - 01215101 8/31/05 \$1,182,880
Ramsdell,Howard S	Primary PI	Environmental Health **	Environmental Fate & Toxicology of CL-20	10/1/01 - 01249501
Bhadra,Rajiv	Co-PI	DOD - US Department of Defense		9/30/04 \$1,199,038
Durnford,Deanna S	Collaborator			
Legare,Marie E	Collaborator			
Reif,John S	Primary PI	Environmental Health	Fecundability & Exposure to Disinfection	10/1/01 - 01282101
Bachand,Annette M	Co-PI	American Water Works Assoc. Research Fd.	Byproducts	9/30/03 \$149,999
Salman,M D	Primary PI	Environmental Health University of California at Davis	Certification of Disease Freedom in Animal Populations: Use of Bayesian Methods	11/1/01 - 01232901 10/31/03 \$49,593
Salman,M D	Primary PI	Environmental Health **	Escherichia coli O157 in Cattle & Beef: Risks & Outreach Control Efforts	10/1/01 - 01295301
Smith,Gary C	Co-PI	USDA-CSREES-Coop State Rsrch Edu & Ext		9/30/03 \$526,662
Sofos,John N	Co-PI			
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Establishment of Center for Economically Important Infectious Animal Diseases	6/1/01 - 01247001 5/31/02 \$280,623
Salman,M D	Primary PI	Environmental Health	Evaluation & Mitigation of Verotoxigenic E. coli O157 in Feedlot & Slaughter Plant Beef	11/1/01 - 01245401
Smith,Gary C	Co-PI	USDA - US Department of Agriculture		10/31/04 \$1,036,178
Sofos,John N	Co-PI			
Salman,M D	Primary PI	Environmental Health **	Preliminary Study of the Respiratory Disease Status of Wild Horses & Burros	6/1/01 - 01309201 5/31/02 \$49,785
Traub-Dargatz,Josie L	Co-PI	DOI-BLM-Bureau of Land Management		
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Serologic & Molecular Approach for the Diagnosis of Tuberculosis in Cattle & Cervidae	11/1/01 - 01276001 10/31/02 \$74,489
Salman,M D	Primary PI	Environmental Health Morris Animal Foundation	Social & Economic Impact of Dog & Cat Populations on a Community: a Quantitative Model	10/1/01 - 01279501 9/30/04 \$157,140
Salman,M D	Primary PI	Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	Participation in National Surveillance & Survey Systems: Design, Analysis, & Interpretation	7/1/00 - 01174001 6/30/01 \$27,547
Stallones,Lorann	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Adolescent Sleep Patterns & Injuries	9/1/01 - 01268301 8/31/04 \$739,516
Stallones,Lorann	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Colorado Injury Control Research Center	9/1/01 - 01209901 8/31/06 \$4,525,249

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Yang, Raymond S H	Primary PI	Environmental Health	Biologically Based Reaction Network Modeling of P4502E1	10/1/01 -	01200601
Reardon, Kenneth F	Co-PI	HHS-NIH-National Institutes of Health		9/30/06	\$677,403
Reisfeld, Bradley	Co-PI				
Yang, Raymond S H	Primary PI	Environmental Health Burroughs-Wellcome Fund Foundation	Integration of Computer Modeling & Experimental Validation for Predicting Carcinogenic Potential	1/1/02 - 12/31/06	01290101 \$537,997
Yang, Raymond S H	Primary PI	Environmental Health HHS-NIH-NCI-National Cancer Institute	Reaction Network Modeling of Combination Chemotherapy	7/1/01 - 6/30/05	01242601 \$1,097,503
Beaty, Barry J	Primary PI	Microbiology HHS-CDC-Centers for Disease Control	Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States	10/1/01 - 9/30/06	01312201 \$1,410,545
Beaty, Barry J	Primary PI	Microbiology HHS-CDC-Centers for Disease Control	Trafficking Potential of West Nile Virus into Mexico	9/30/01 - 8/31/04	02313601 \$731,762
Beaty, Barry J	Primary PI	Microbiology Burroughs-Wellcome Fund Foundation	West Nile Virus Surveillance in the Yucatan, Mexico	7/1/01 - 6/30/02	01278501 \$50,000
Blair, Carol D	Primary PI	Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Interference to Dengue Virus Replication in Mosquitoes	4/1/02 - 3/31/07	02320101 \$1,108,756
Brennan, Patrick Joseph	Primary PI	Microbiology HHS-NIH-National Institutes of Health	Biosynthesis of Arabinogalactan of Mycobacteria	1/1/01 - 12/31/02	01176101 \$76,797
Chatterjee, Delphi	Primary PI	Microbiology HHS-DRR-Fogarty International Center	Role of Lipoarabinomannan in Host Cell Signalling	9/1/01 - 8/31/04	01280401 \$115,889
Cooper, Andrea M	Primary PI	Microbiology University of Iowa	Innate Immunity to Tuberculosis: Macrophages & Surfactant	7/1/01 - 6/30/04	01201401 \$22,752
Cooper, Andrea M Ellis, Deborah L	Primary PI Collaborator	Microbiology Denver Health Medical Center	Regulation & Function of Surfactant Protein D	7/1/02 - 6/30/06	01310501 \$124,731
Cooper, Andrea M	Primary PI	Microbiology University of California - San Diego	Superoxide Dependent Control of Mtb in Lungs	7/1/01 - 6/30/04	01231901 \$116,472
Cusick, John K	Primary PI	Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Virulence Production & Antibiotic Resistance of Pseudomonas Aeruginosa	10/1/01 - 10/1/04	01282801 \$108,731

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount
Howell,Mark D	Primary PI	Microbiology CIRB-Colo. Inst.of Research in Biotech.	7/1/00 - 6/30/01	01168801 \$19,961
Howell,Mark D	Primary PI	Microbiology CytoLogic, Inc.	7/1/00 - 6/30/01	01169001 \$28,943
Inamine,Julia M Belisle,John T Chatterjee,Delphi	Primary PI Co-PI Collaborator	Microbiology HHS-NIH-Center for Scientific Review	4/1/02 - 3/31/06	01301101 \$1,179,787
Jones,Robert L	Primary PI	Microbiology Aventis Pasteur, Inc.	9/1/00 - 8/31/01	01185001 \$90,563
Klein,Donald A Paschke,Mark W	Primary PI Co-PI	Microbiology ** USDA - US Department of Agriculture	8/1/01 - 7/31/04	01229201 \$343,454
Linden,James C Tengerdy,Robert	Primary PI Co-PI	Microbiology ** USDA-Foreign Agricultural Service	2/1/01 - 1/31/04	01199801 \$45,000
Linden,James C Hughes,Harrison G	Primary PI Co-PI	Microbiology ** AgriHouse, Inc	12/1/01 - 11/30/03	01293801 \$148,252
Mcneil,Michael R	Primary PI	Microbiology HHS-NIH-National Institutes of Health	9/1/03 - 8/31/08	02317801 \$1,937,947
Orme,Ian M Turner,Joanne Keefe,Robert G Rush,Erik B	Primary PI Co-PI Collaborator Collaborator	Microbiology HHS-NIH-Center for Scientific Review	12/1/01 - 11/30/06	01265601 \$1,625,837
Orme,Ian M	Primary PI	Microbiology HHS-NIH-Center for Scientific Review	4/1/01 - 3/31/03	01217601 \$106,686
Schweizer,Herbert P Karkhoff-Schweizer,Rox	Primary PI Co-PI	Microbiology HHS-NIH-National Institutes of Health	4/1/02 - 3/31/07	01302101 \$1,287,139
Slayden,Richard A Shankar,Sandeep	Primary PI Co-PI	Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	9/1/01 - 8/31/06	01246801 \$1,253,529

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Suchman, Erica L	Primary PI	Microbiology	A 2nd Year Microbiology Course for	9/1/01 -	01269801
Smith, Ralph E	Co-PI	USDA-CSREES-Coop State Rsrch Edu & Ext	Agriculture, Food Science & Prevet Students	8/31/03	\$53,874
Cobb, R Brian	Collaborator				
Tengerdy, Robert	Primary PI	Microbiology DOS - US Department of State	Cooperative Research in Environment Friendly Agrobiotechnology	1/1/02 - 12/31/03	02322801 \$19,900
Turner, Joanne	Primary PI	Microbiology HHS-NIH-National Institutes of Health	CD8 T Cell Responses to M. tuberculosis in Old Mice	1/1/02 - 12/31/02	01308301 \$72,500
Turner, Joanne	Primary PI	Microbiology AFAR-American Federation-Aging Research	CD8+ T Lymphocytes & Early Resistance to Tuberculosis in the Aging Lung	7/1/01 - 6/30/02	01231001 \$49,970
Van Campen, Hana	Primary PI	Microbiology USDA - US Department of Agriculture	Statistical Model to Predict the Spread of Bovine Viral Diarrhea Virus in Range Beef Herds	10/1/01 - 9/30/04	01245001 \$352,042
Wilcox, Christine L	Primary PI	Microbiology HHS-NIH-National Institutes of Health	HSV Latency in Neurons	4/1/01 - 3/31/06	01178601 \$1,376,315
Akkina, Ramesh K	Primary PI	Pathology National Jewish Center	HIV gp120 Desensitization of T Cell Receptor Function	6/1/01 - 5/31/06	01240901 \$501,973
Akkina, Ramesh K	Primary PI	Pathology HHS-NIH-National Institutes of Health	Modeling RNA-based HIV Gene Therapeutics in SCID-hu Mice	7/1/01 - 6/30/06	01241101 \$1,450,000
Akkina, Ramesh K	Primary PI	Pathology HHS-NIH-National Institutes of Health	University of Colorado Center for AIDS Research (SCID Mice Core)	7/1/02 - 6/30/07	01299401 \$1,206,359
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	01277901 \$30,102
Demartini, James C	Primary PI	Pathology	A New Mechanism of Retroviral Induced	7/1/01 -	01263601
Perrott, Matthew R.F	Co-PI	Yale University	Carcinogenesis	6/30/02	\$112,250
Demartini, James C	Primary PI	Pathology HHS-NIH-National Institutes of Health	The Role of Jaagsiekte Sheep Retrovirus in Ovine Pulmonary Carcinoma	6/1/01 - 5/31/06	01168601 \$3,399,394
Hoover, Edward A	Primary PI	Pathology	Assessing Topical Microbicides in Mucosal	10/1/01 -	01274601
Vandewoude, Sue	Co-PI	North Carolina State University	FIV Infection	9/30/05	\$1,541,288

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Dates	Key # \$Amount	
Smith,Joseph D	Primary PI	Pathology Infectious Diseases Society of America	Functional & Immunological Characterization of a Plasmodium Falciparum Cytoadherent Protein Family	7/1/01 - 6/30/03	01253701 \$80,000
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	7/1/01 - 6/30/05	01278201 \$200,000
Titus,Richard G	Primary PI	Pathology HHS-NIH-National Institutes of Health	The Immune Response to Leishmania Major	4/1/02 - 3/31/07	02319101 \$1,792,385
Vandewoude,Sue Hoover,Edward A	Primary PI Co-PI	Pathology University of Glasgow	Receptor Usage & Pathogenicity of Feline Lentiviruses	7/1/01 - 6/30/04	01187201 \$300,001
Anthony,Russell V	Primary PI	Physiology HHS-NIH-Child Health & Human Development	Placental Development in Intrauterine Growth Restriction Pregnancies	7/1/01 - 6/30/06	01211501 \$1,529,502
Anthony,Russell V	Primary PI	Physiology USDA - US Department of Agriculture	Transcriptional Regulation of Placental Growth Hormone	9/1/01 - 8/31/03	01257301 \$194,961
Bowen,Richard A	Primary PI	Physiology Acambis, Inc.	Preliminary Clinical Testing of the ChimeriVax- WN Vaccine in Horses	3/1/01 - 6/30/01	01256701 \$20,008
Bowen,Richard A	Primary PI	Physiology DynPort Vaccine Company, LLC	Safety & Efficacy Evaluation of Two Candidate Equine Encephalidities Vaccines	7/1/01 - 6/30/02	01264601 \$335,329
Carnevale,Elaine	Primary PI	Physiology Grayson-Jockey Club Research Foundation	Computer Analysis of Ultrasound Images for Breeding Management	4/1/01 - 3/31/03	01198701 \$96,700
Carnevale,Elaine Mccue,Patrick M	Primary PI Co-PI	Physiology American Horse Shows Association	Use of GnRH Analog to Suppress Reproductive Behavior in Horses: A Method to Increase Performance Potential & ...	4/1/01 - 3/31/02	01240701 \$10,000
Clay,Colin	Primary PI	Physiology HHS-NIH-National Institutes of Health	Regulation of GnRH Receptor Gene Expression	2/1/01 - 12/31/04	01236601 \$413,907
Irwin,David C	Primary PI	Physiology American Heart Association	The Role of Atrial Natriuretic Peptide in Ameliorating High Altitude Pulmonary Edema	7/1/01 - 6/30/03	01219801 \$36,000
Ishii,Douglas N	Primary PI	Physiology Denver VA Medical Center	Down Regulation of CREB in Neurons by Diabetes Induced Oxidative Stress	4/1/02 - 3/31/06	02315701 \$44,204
Ishii,Douglas N Whalen,Lawrence Ray	Primary PI Collaborator	Physiology Juvenile Diabetes Foundation Intl	Insulin-like Growth Factor & Diabetic Central Nervous System	7/1/01 - 6/30/04	01270101 \$495,356

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Ishii,Douglas N	Primary PI	Physiology	Insulin-like Growth Factor & Diabetic CNS	4/1/02 -	01305801
		HHS-NIH-Center for Scientific Review		3/31/05	\$746,109
Ishii,Douglas N	Primary PI	Physiology	Insulin-like Growth Factor-II: Learning/Memory	4/1/02 -	01302201
		HHS-NIH-National Institutes of Health		3/31/05	\$965,094
Marley,Wanda Gotshall,Robert W	Primary PI	Physiology **	The Contribution of Angiotensinogen to Abdominal Fat-related Hypertension & Nephropathy	7/1/01 -	01217001
	Co-PI	American Heart Association		6/30/03	\$66,000
Nett,Torrance M	Primary PI	Physiology	Use of Gonadotropin-releasing Hormone- Pokeweed Antiviral Protein (GnRH-PAP) for Chemical Sterilization	10/1/01 -	01243901
				USDA - US Department of Agriculture	9/30/04
Niswender,Gordon D	Primary PI	Physiology	Luteal Secretion & Metabolism of Prostaglandins in Control of Luteal Function	10/1/01 -	01243501
				University of West Virginia	9/30/03
Rhodes,Jann	Primary PI	Physiology	Nitric Oxide Modulation of MMP & TIMP Expression in a Model of Neonatal Hypoxic Pulmonary Hypertension	7/1/01 -	01231401
				American Heart Association	6/30/03
Rhodes,Jann	Primary PI	Physiology	Vascular Endothelial Growth Factor & Matrix Metalloproteinase Expression in Neonatal Hypoxic Pulmonary ...	7/1/01 -	01219901
				American Heart Association	6/30/04
Roess,Deborah A	Primary PI	Physiology	Membrane Events Following Hormone Binding to Leutinizing Hormone (LH) Receptors	4/1/01 -	01173801
				HHS-NIH-National Institutes of Health	3/31/05
Roess,Deborah A	Primary PI	Physiology	Organization of LH Receptors During Signaling	7/1/01 -	01243301
				NSF - National Science Foundation	6/30/05
Roess,Deborah A	Primary PI	Physiology	Role of the LH Receptor C-terminus in Receptor Desensitization	3/1/02 -	01305901
				HHS-NIH-Center for Scientific Review	2/29/04
Seidel Jr,George E	Primary PI	Physiology	Influence of Sexed Seamen on the Profitability of Livestock Operations	10/1/01 -	01291801
				University of Arkansas	9/30/03
Squires,Edward L	Primary PI	Physiology	Methods to Assess & Minimize Sperm Damage During Cooling & Storage	10/1/01 -	01261801
				AQHA-American Quarter Horse Assoc.	9/30/02
Tamkun,Michael	Primary PI	Physiology	Regulatory Mechanisms of Cardiac Repolarization	1/1/02 -	01211001
				HHS-NIH-National Institutes of Health	12/31/06

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Proposals Submitted - 75

## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Tucker,Alan	Primary PI	Physiology	Colorado State University VETPREP	8/1/01 -	01246201
		HHS-Health Resources & Services Admin.		7/31/06	\$936,813
Tucker,Alan	Primary PI	Physiology	Vascular Endothelial Growth Factor & Atrial Natriuretic Peptide Modulation of Hypoxic Pulmonary Hypertension	7/1/01 -	01211201
		HHS-NIH-Center for Scientific Review		6/30/06	\$1,255,528
Veeramachaneni,D N Rao	Primary PI	Physiology	Impact of Phthalates on the Male: Frog & Rabbit Models	10/1/01 -	01268701
		EPA-Office of Research and Development		9/30/04	\$852,709
Veeramachaneni,D N Rao	Primary PI	Physiology	Phthalates: Impact on Male Reproduction & Development	7/1/01 -	01200701
		HHS-NIH-Environmental Health Sciences		6/30/04	\$899,656
Bedford,Joel S	Primary PI	Radiological Health Sciences	Genetic Factors Affecting Susceptibility to Low Dose & Low Dose-Rate Radiation Exposure	9/1/01 -	01298001
		DOE - US Department of Energy		8/31/06	\$2,394,850
Bedford,Joel S	Primary PI	Radiological Health Sciences	Genetic Toxicity from Standardized & Eclipse Cigarettes	7/1/01 -	01250701
		University of Colorado		6/30/04	\$730,459
Bedford,Joel S	Primary PI	Radiological Health Sciences	Radiation Cytogenetics: Complex Aberrations	12/1/01 -	01253001
		HHS-NIH-National Institutes of Health		11/30/05	\$1,154,492
Durham,James S	Primary PI	Radiological Health Sciences	Development & Demonstration of an Insitu Subsurface Contamination Monitor	7/1/01 -	01260101
		DOE - US Department of Energy		6/30/04	\$516,154
Kamstock,Debra A	Primary PI	Radiological Health Sciences	cJun Modulation of p53 Dependent p21 Expression	12/1/01 -	01258201
		HHS-NIH-National Institutes of Health		11/30/06	\$614,190
Nyborg,Jennifer K	Collaborator	HHS-NIH-National Institutes of Health			
Malone,Jennifer L	Primary PI	Radiological Health Sciences	Identification of Novel Genes Affected by Gamma-Irradiation Using a Gene-Trapped Library of Human Mammary ...	2/1/02 -	01310401
		DOD-ARMY		1/31/05	\$66,000
Mcniel,Elizabeth Ann	Primary PI	Radiological Health Sciences	Evaluation of Mutagenicity of Feline Vaccines Using the AL Assay	5/1/01 -	01253901
		VAFSTF-Vaccine Assoc Feline Sarcoma Task		4/30/02	\$49,579
Mcniel,Elizabeth Ann	Primary PI	Radiological Health Sciences	Feline Vaccine-associated Sarcoma: A Unique Model for Cancer Susceptibility & Carcinogenesis	9/1/01 -	01202101
		Burroughs-Wellcome Fund Foundation		8/31/07	\$443,000
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences	A Mouse Model for DNA Repair & Solid Tumor Formation	12/1/01 -	01274801
		HHS-NIH-National Institutes of Health		11/30/05	\$725,000

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## Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences American Cancer Society, Inc.	A Mouse Model for DNA Repair & Solid Tumor Formation	7/1/01 -	01206601
				6/30/05	\$968,783
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences University of Colorado	DNA Double Strand Break Repair in Tobacco Carcinogenesis	7/1/01 -	01251101
				12/31/02	\$108,750
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences DOD-ARMY	New Strategies for Prostate Cancer Treatment	11/1/01 -	01279101
				10/30/04	\$609,700
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences DOE - US Department of Energy	The Mechanism of Genomic Instability in BALB/c Mice	9/1/01 -	01300001
				8/31/04	\$978,889
Smith,Maria Leia M	Primary PI	Radiological Health Sciences Sidney Kimmel Foundation for Cancer Res.	Mechanism of Increased Oncogenicity by cJun/p53 Interaction in Breast Cancer	7/1/01 -	01239301
				6/30/03	\$200,001
Ullrich,Robert L	Primary PI	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Carcinogenic Interactions of Radiation & Chemicals	3/1/01 -	01259301
				11/30/01	\$143,634
Ullrich,Robert L	Primary PI	Radiological Health Sciences HHS-NIH-Center for Scientific Review	Carcinogenic Interactions of Radiation & Chemicals	12/1/01 -	01269401
				11/30/06	\$1,576,250
Ullrich,Robert L	Primary PI	Radiological Health Sciences DOE - US Department of Energy	Genetic Mechanisms of Induced Chromosomal Instability & their Relationships with Radiation Tumorigenesis	9/1/01 -	01309401
				8/31/06	\$1,974,487
Ullrich,Robert L	Primary PI	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Genomic Instability in High LET Carcinogenesis	4/1/01 -	01256601
				3/31/02	\$214,768
Whicker,F Ward	Primary PI	Radiological Health Sciences University of Georgia	Estimate the Cumulative Lifetime Dose to Green Sea Turtles Inhabiting Johnston Atoll, & to Determine Plutonium ...	10/1/00 -	01193401
				9/30/01	\$79,567
Zou,Wei	Primary PI	Radiological Health Sciences DOD-ARMY	Identification & Characterization of Putative Tumor Suppressor Genes Involved in Early Breast Carcinogenesis	8/1/02 -	01312001
Smith,Maria Leia M	Co-PI			7/31/05	\$149,999

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## Other - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Wilcox,Anne M	Primary PI	Academic Advancement Center US Department of Education	Student Support Services (Academic Advancement Center)	9/1/02 - 8/31/06	01191601 \$1,457,030
Felix,Oscar	Primary PI	Center Educ Access & Outreach Colorado Department of Education	Upward Bound Summer Food Service Program	6/1/01 - 7/31/01	01288801 \$8,500
Huaco-Nuzum,Carmen Eisenberg,Jacob	Primary PI Co-PI	Center For Ethnicity Studies Rockefeller Foundation	Humanities Fellowships	8/1/01 - 6/1/05	01254201 \$323,987
Ward,Robert C Waskom,Reagan M	Primary PI Co-PI	Colo Water Resources Res Inst Colorado Dept Public Health & Environ	Implementing Best Management Practices in Colorado's Irrigated Agriculture	3/1/01 - 11/30/01	01272701 \$9,960
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Annual State Water Institute Program	3/1/01 - 2/28/02	01246401 \$75,321
Brown,Karla A	Primary PI	Cooperative Extension EPA - Environmental Protection Agency	Evaluation of Elevated Fecal Coliform Concentrations in the Uncompahgre River: Preliminary Data ...	7/1/01 - 6/30/03	01249401 \$65,237
Carroll,Jan B	Primary PI	Cooperative Extension Colorado Trust *	After School Initiative	9/1/00 - 12/31/05	01181001 \$1,769,800
Carroll,Jan B Steele,Douglas L	Primary PI Co-PI	Cooperative Extension USDA - US Department of Agriculture	Colorado Organizing for Children, Youth, & Families at Risk	5/1/97 - 3/31/02	01226301 \$150,000
Cotton,Scott E Benson,Delwin E Hackett,Jan J	Primary PI Co-PI Co-PI	Cooperative Extension ** USDA-CSREES-Coop State Rsrch Edu & Ext	Coached Land Planning & Care	6/1/01 - 12/31/02	01207401 \$98,000
Cotton,Scott E Ayers,Paul D Beck,K George Steffens,Tim J	Primary PI Collaborator Collaborator Collaborator	Cooperative Extension ** USDA-CSREES-Coop State Rsrch Edu & Ext	Monitoring Landscape Disturbances Using Geospatial Technologies	7/1/01 - 9/30/05	01300501 \$1,992,753
Jonsson,Sheri Lynn	Primary PI	Cooperative Extension March of Dimes	Folic Acid Education in Prowers, Otero & Crowley Counties	1/1/01 - 12/31/01	01209301 \$4,300
Kaan,Dennis A Fetsch,Robert J	Primary PI Co-PI	Cooperative Extension ** USDA-CSREES-Coop State Rsrch Edu & Ext	Risk & Resilience in Agriculture Education Project in Colorado	10/1/01 - 9/30/02	01304801 \$22,895
Knop,Sheila A Laughlin,Diana C	Primary PI Co-PI	Cooperative Extension ** EPA - Environmental Protection Agency	Building Local Capacity Through Land Use Decision Making: AgLandWest: the Workshop	7/1/01 - 6/30/02	01220501 \$4,980

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## Other - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Dates	Key # \$Amount
Levalley,Stephen Byron	Primary PI	Cooperative Extension USDA-AMS-Agricultural Marketing Service	Sheep Quality Assurance, Including Individual Identification Technology, Good Manufacturing Practices, Standard ...	2/1/01 - 7/30/02	01233101 \$97,696
Miller,Jacque L	Primary PI	Cooperative Extension **	Colorado State University Community Outreach Partnership Center	10/1/01 -	01307601
Asmus,Cheryl L	Co-PI	US Dept Housing & Urban Development		9/30/04	\$397,165
Miller-Heyl,Janet L	Primary PI	Cooperative Extension	DARE to be You ((DTBY) Program for Adolescent Parents	1/1/01 -	01189701
Fritz,Janet J	Co-PI	HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn		12/31/03	\$1,002,499
Macphee,David L	Co-PI				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension McHugh Family Foundation	DARE to be You Summer Adventure Camp (Montezuma County)	6/1/01 - 9/15/01	01299601 \$9,991
Miller-Heyl,Janet L	Primary PI	Cooperative Extension **	Families-School Bridge for Children Entering School	8/1/01 -	01263801
Macphee,David L	Co-PI	HHS-PHS-Public Health Services		7/31/05	\$894,070
Miller-Heyl,Janet L	Primary PI	Cooperative Extension **	Family School Bridge for Children Entering School	7/1/01 -	01289001
Macphee,David L	Co-PI	HHS-SAMHSA-Subt Abuse & Mental Hlth Srv		6/30/04	\$1,125,378
Robb,James G	Primary PI	Cooperative Extension ** USDA-CSREES-Coop State Rsrch Edu & Ext	Livestock Marketing Information Center: Multi-State Research Support	1/1/01 - 12/31/01	01253101 \$173,160
Thorson,Shari L	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Accident Investigation & Driving Under the Influence/SFST Training Programs	10/1/01 - 9/30/02	01276501 \$106,920
Fry,James L	Primary PI	Graduate School NSF - National Science Foundation	Fast Track to Work: Scholarships for Graduate Students in Computer Science, Engineering & Mathematics	1/1/01 - 12/31/02	01176201 \$220,000
Denney,Martha Annette	Primary PI	International Programs Action/Peace Corps	Peace Corps Strategy Contract 2001-2002	8/15/01 - 8/14/02	02320001 \$18,829
Thompson,Asunta L	Primary PI	San Luis Valley Research Ctr	Potato Breeding & Cultivar Development in the Southwest	9/1/01 -	01252101
Holm,David G	Co-PI	USDA - US Department of Agriculture		8/31/02	\$160,000
Morris,Debra A	Primary PI	University Health Services ** University of Northern Colorado	Affiliated Behavior & Peer Led Education to Prevent HIV/AIDS	1/1/01 - 12/31/06	01186801 \$171,947
Pearson,Calvin H	Primary PI	Western Colorado Research Ctr USDA - US Department of Agriculture	Commerical & Strategic Rubber from Crop Plants & Bioreactors	10/1/01 - 10/1/05	01284001 \$3,251,878

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## **Section V**

**Awards Received**  
**July 1, 2000 – June 30, 2001**

## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Eckert, Jerry	Primary PI	Agric & Resource Economics	On-Line Farm Risk Assessment: Manual & Modules	8/1/00 - 7/31/01	1376 \$30,000
Dalsted, Norman L	Co-PI	American Distance Educ Consortium (ADEC)			
Hine, Susan E	Primary PI	Agric & Resource Economics Rocky Mountain Farmers Union	Colorado Mile High Growers Cooperative: Marketing, Processing & Business Plan Study	4/6/01 - 8/29/01	2220 \$36,850
Hine, Susan E	Primary PI	Agric & Resource Economics Colorado Certified Potato Growers Assn	Marketing of San Luis Valley Potatoes	6/1/00 - 5/31/07	5543 \$13,005
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 - 12/31/01	5093 \$16,450
Loomis, John B	Primary PI	Agric & Resource Economics Colorado Division of Wildlife	Comparative Trout Production & Distribution Costs of Colorado Division of Wildlife & Fish Hatcheries	10/3/00 - 6/30/01	0021 \$19,000
Loomis, John B	Primary PI	Agric & Resource Economics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Theories & Methods for Measuring Environmental Values & Modeling Consumer & Policy Decision Processes	9/17/98 - 9/30/01	8742 \$1,000
Loomis, John B	Primary PI	Agric & Resource Economics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Reliability & Validity of Assessments of Public Goods	9/23/99 - 11/1/02	8763 \$6,000
Loureiro, Maria L	Primary PI	Agric & Resource Economics Colorado Department of Agriculture	Assessing Consumer's Response to Colorado Wine	12/1/00 - 6/30/01	0063 \$12,071
Spencer, William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Faculty Exchange Program	4/20/97 - 12/31/01	2099 \$28,600
Spencer, William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Faculty Exchange Program	4/20/97 - 12/31/01	2099 \$48,109
Spencer, William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Non-Degree Training Program	7/1/98 - 7/30/03	2158 \$5,000
Spencer, William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Non-Degree Training Program	7/1/98 - 7/30/03	2158 \$20,000
Thilmany, Dawn D	Primary PI	Agric & Resource Economics Colorado Department of Agriculture	Analyze the Feasibility of a Farmer-Chef Distribution System in Colorado	10/1/00 - 9/30/01	0328 \$40,000
Belk, Keith	Primary PI	Animal Sciences	Comparison of New Intervention Additives/ Chemicals (Lactoferricin B; Peroxyacetic Acid...	1/1/01 - 3/31/01	5018 \$92,960
Hossner, Kim L	Co-PI	Natl Cattlemen's Beef Association			
Scanga, John A	Co-PI				
Smith, Gary C	Co-PI				
Sofos, John N	Co-PI				

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

Awards Received - 1

## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Belk,Keith	Primary PI	Animal Sciences	9/5/00 -	5252
Smith,Gary C	Co-PI	AMIF - American Meat Institute Foundatio	1/19/01	\$123,202
Sofos,John N	Co-PI			
Belk,Keith	Primary PI	Animal Sciences	6/1/99 -	5311
Smith,Gary C	Co-PI	Natl Cattlemen's Beef Association	1/31/01	\$3,050
Tatum,Joseph D	Co-PI			
Belk,Keith	Primary PI	Animal Sciences	9/1/00 -	8231
		Roche	6/30/01	\$25,074
		Determination of Appropriate Vitamin E Supplement Levels & Administration Times to Insure Adequate Muscle Tissue		
Belk,Keith	Primary PI	Animal Sciences	3/5/01 -	8246
Scanga,John A	Co-PI	Novozymes North America, Inc	6/1/01	\$21,979
Smith,Gary C	Co-PI			
Engle,Terry E	Primary PI	Animal Sciences	7/20/00 -	8227
		Zinpro Corporation	5/15/01	\$27,001
		Effects of Copper Source & Concentration on Performance, Mineral & Immune Status, Lipid Metabolism, & Carcass ...		
Engle,Terry E	Primary PI	Animal Sciences	9/15/00 -	8232
		Applied Chemical Magnesias Corporation	12/31/01	\$10,035
		Effects of Magnesium Source on Performance, Mineral Status, Digestibility & Carcass Characteristics of Steers		
Engle,Terry E	Primary PI	Animal Sciences	9/15/00 -	8232
		Applied Chemical Magnesias Corporation	4/30/01	\$6,377
		Effects of Magnesium Source on Performance, Mineral Status, Digestibility & Carcass Characteristics of Steers		
Golden,Bruce L	Primary PI	Animal Sciences	8/18/00 -	2061
		USDA-ARS-Agricultural Research Service	7/31/03	\$16,500
		Determine the Genetic Similarity Between Two Separate Lines of Hereford Cattle		
Irlbeck,Nancy A	Primary PI	Animal Sciences	2/19/97 -	5440
		Denver Zoological Foundation	2/28/01	\$9,000
		Development of Browse Data Base		
Irlbeck,Nancy A	Primary PI	Animal Sciences	2/19/97 -	5440
		Denver Zoological Foundation	2/28/03	\$2,000
		Development of Browse Data Base		
Lamm,W Dennis	Primary PI	Animal Sciences	10/1/00 -	1367
		Utah State University	12/31/01	\$10,000
		Western Sare Professional Development Program		
Lamm,W Dennis	Primary PI	Animal Sciences	9/1/00 -	1373
		University of California at Davis	12/31/02	\$12,450
		Sharing Resources to Help Connect Farmers to Direct Marketing Niches		
Levalley,Stephen Byron	Primary PI	Animal Sciences	11/20/00 -	2082
		USDA-AMS-Agricultural Marketing Service	7/21/02	\$115,000
		Colorado State/Mountain States Lamb Cooperative		

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## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Schmidt,Glenn R	Primary PI	Animal Sciences Natl Cattlemen's Beef Association	Presence of Central Nervous System (CNS) Tissue in Advanced Meat Recovery (AMR) Products	3/1/00 - 12/31/00	5606 \$63,950
Schmidt,Glenn R	Primary PI	Animal Sciences Natl Cattlemen's Beef Association	Presence of Central Nervous System (CNS) Tissue in Advanced Meat Recovery (AMR) Products	3/1/00 - 3/31/01	5606 \$60,000
Siciliano,Paul D	Primary PI	Animal Sciences Y-TEX Corporation	Efficacy of Candidate Formulation for Palatability with Horse	5/24/99 - 6/30/01	8221 \$3,261
Siciliano,Paul D	Primary PI	Animal Sciences Zinpro Corporation	Effect of 4-plex on Hoof Wall Growth Rate & Integrity, Humoral Immune Response & Trace Mineral Balance	12/18/00 - 11/1/01	8242 \$48,629
Smith,Gary C Belk,Keith Scanga,John A	Primary PI Co-PI Co-PI	Animal Sciences American Sheep Industry Association	Sheep Quality Assurance Program Review and Development Proposal	10/1/00 - 12/31/01	5314 \$95,880
Smith,Gary C Belk,Keith Scanga,John A	Primary PI Co-PI Co-PI	Animal Sciences American Sheep Industry Association	Sheep Quality Assurance Program Review and Development Proposal	10/1/00 - 12/31/01	5314 \$5,000
Sofos,John N Kendall,Patricia A Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences USDA-Natl Integrated Food Safety	Minimizing the Risk of Listeria Monocytogenes & Other Pathogens in Dried Foods	9/15/00 - 9/14/03	1465 \$479,223
Stanton,Tim L Engle,Terry E	Primary PI Co-PI	Animal Sciences Pioneer Hi-Bred International, Inc.	Effect of Low Phytate Corn on Finishing Cattle Performance	12/19/00 - 12/18/01	8243 \$16,767
Tatum,Joseph D Belk,Keith Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Natl Cattlemen's Beef Association	Is Carcass Quality & Tenderness Affected by Repetitive Use of Hormonal Implants Throughout an Animal's Lifetime	4/1/99 - 3/1/01	5558 \$80,000
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2001	10/1/00 - 9/30/01	2173 \$43,949
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2001	10/1/00 - 9/30/01	2175 \$22,000
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2001	10/1/00 - 9/30/01	2176 \$3,355
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2001	10/1/00 - 9/30/01	2177 \$17,985
Brown,William M Jr	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Field Evaluation of Barley Germplasm for Reaction to Barley Stripe Rust	6/1/96 - 5/31/01	2067 \$12,000

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## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Brown, William M Jr	Primary PI	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 2001	10/1/00 - 2174
Bjostad, Louis B	Co-PI	USDA-APHIS-Animal Plant Health Insp Srvc		9/30/01 \$6,953
Hill, Joseph P	Primary PI	Bioagricultur Sci & Pest Mgmt	Development of Improved Quality & High Yield in	7/1/97 - 8305
Quick, James S	Co-PI	Colorado Wheat Administrative Commission	Wheat Germplasm in Colorado	6/30/01 \$5,000
Holtzer, Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt	GIS/GPS and Database Services for Noxious	1/1/01 - 0032
		Colorado Department of Agriculture	Weed Management	6/30/01 \$24,973
Holtzer, Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt	Developing an Indexed Database for WWW	5/1/99 - 1308
		North Carolina State University	Posting Dealing with Integrated Pest	8/31/01 \$5,000
			Management in Potatoes	
Holtzer, Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt	Management of Russian Wheat Aphid in Dryland	9/15/99 - 1451
		USDA-CSREES-Coop State Rsrch Edu & Ext	Cropping Systems of the Great Plains	9/30/01 \$187,100
Holtzer, Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt	Biological Control of Ornamental Pests with	4/1/00 - 8225
Cranshaw, Whitney S	Co-PI	Taensa, Inc.	Taensa Products	6/30/01 \$3,480
Jacobi, William R	Primary PI	Bioagricultur Sci & Pest Mgmt	High Line Canal Water Usage of Cottonwoods	7/13/00 - 5623
		Denver Water Department	Study	5/31/02 \$57,762
Knudson, Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt	Mariner Mobility in the Mosquito Genome	4/1/00 - 7530
		Texas A & M		3/31/05 \$75,000
Knudson, Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt	Mariner Mobility in the Mosquito Genome	4/1/00 - 7530
		Texas A & M		3/31/05 \$75,000
Knudson, Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt	Mapping of Filarial Vector Competence in Aedes	4/1/98 - 7785
		HHS-PHS-AID-Microbio & Infectious Dis Re	Aegypti	3/31/03 \$383,321
Kondratieff, Boris C	Primary PI	Bioagricultur Sci & Pest Mgmt	An Inventory of the Arthropods of Yucca House	10/1/00 - 1600
		Northern Arizona University	National Monument	12/31/01 \$2,875
Kondratieff, Boris C	Primary PI	Bioagricultur Sci & Pest Mgmt	Cataloging National Park Service Entomology	11/1/00 - 2887
		DOI-NPS-National Park Service	Collections	12/1/01 \$15,000
Lawrence, Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt	Pathogen-inducible Promoters for High Level	2/12/01 - 5345
		University of Kentucky	Disease Resistance	12/31/01 \$40,000
Lester, Philip J	Primary PI	Bioagricultur Sci & Pest Mgmt	Effective Russian Wheat Aphid Management by	11/15/00 - 1464
Cipra, Jan E	Co-PI	USDA-CSRS-CGP-Competitive Grants Program	Modeling Climate & Natural Enemies	11/14/02 \$160,000
McDonald, Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt	Colorado Pest Management Center	1/1/01 - 1368
		University of California at Davis		9/14/01 \$62,574

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## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center 8/3/00 - 4/27/02	2214 \$15,000	
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center 8/1/00 - 7/31/02	2218 \$28,500	
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt	Leafy Spurge Genotype Effects on Galling by a Specialized Biocontrol Insect	11/15/00 - 11/14/03	1469 \$200,000
Lester,Philip J	Co-PI	USDA-CSRS-CGP-Competitive Grants Program			
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt	Starane (fluroxypyr) for Kochia & Nightshade Control in Dry Bulb Onions	2/1/00 - 2/28/00	2212 \$3,700
Mcdonald,Sandra K	Co-PI	University of California at Davis			
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	Weed Management Project 7/1/98 - 6/30/02	5624 \$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 - 6/30/01	8329 \$6,000	
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 - 6/30/01	8337 \$5,000	
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Comparison of Products for Potato Vine Kill 7/1/99 - 6/30/01	8339 \$1,600	
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Comparison of Potato Vine Kill with Diquat, Desicate II, Superquick and Liberty 7/1/99 - 6/30/01	8340 \$4,000	
Peairs,Frank B	Primary PI	Bioagricultur Sci & Pest Mgmt	Development of Winter Wheat Varieties Resistant to Russian Wheat Aphid 7/1/97 - 6/30/01	8304 \$15,000	
Quick,James S	Co-PI	Colorado Wheat Administrative Commission			
Ranu,Rajinder S	Primary PI	Bioagricultur Sci & Pest Mgmt Tagawa Greenhouses, Inc.	Modification of Flower Plants by Genetic Manipulation 3/1/99 - 2/28/04	8220 \$98,400	
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	IPM Based Management of Fusarium Oxysporium in a Cropping System including Sugarbeets & Dry Bean 9/8/99 - 5/31/04	2139 \$3,600	
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Biocontrol of Soilborne Diseases of Vegetable Crop 9/1/00 - 8/31/01	2217 \$5,625	
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt Nebraska Dry Bean Commission	Bean Disease Management - Disease Forecasting Network 7/1/97 - 6/30/01	5195 \$4,000	
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	Dry Bean Integrated Pest Management 1/1/98 - 12/31/02	5396 \$13,000	

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## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt	Studies on Occurrence Control of Early & Late	7/1/97 -	8335
Hill,Joseph P	Co-PI	Potato Administration of Colorado	Blight Diseases of Potato in Colorado	6/30/01	\$7,500
Westra,Philip	Primary PI	Bioagricultur Sci & Pest Mgmt	Managing Imazamox-Resistant Wheat in Crop	12/7/00 -	1304
		Washington State University	Rotations for Control of Jointed Goatgrass	9/14/03	\$15,000
Westra,Philip	Primary PI	Bioagricultur Sci & Pest Mgmt	Integrated Management Systems for Jointed	12/7/00 -	1365
		Washington State University	Goatgrass Control in the Central Great Plains	9/14/03	\$20,000
Westra,Philip	Primary PI	Bioagricultur Sci & Pest Mgmt	Winter Annual Grass Weed Research in Wheat	7/1/97 -	8301
		Colorado Wheat Administrative Commission		6/30/01	\$20,000
Kennedy,Trina Kay	Primary PI	Dean Of Agricultural Sciences	Fall 2000 Service-Learning Scholars Program	10/12/00 -	1048
		Corporation for National & Community Srv		7/31/01	\$1,575
Rask,Glen	Primary PI	Dean Of Agricultural Sciences	High Plains Intermountain Center for Agricultural	9/30/99 -	7647
		HHS-CDC-Occup Safety & Health (NIOSH)	Health & Safety	9/29/01	\$43,517
Jones,Michelle L	Primary PI	Horticulture & Landscape Arch	Construction of Libraries & Identification of	7/1/00 -	0166
Potter,Kathleen M	Co-PI	University of Colorado	Clones in Petunia for Construction of cDNA	6/30/01	\$20,000
			Microarrays		
Jones,Michelle L	Primary PI	Horticulture & Landscape Arch	Genetic Transformation of Petunia for Delayed	9/5/99 -	5069
		American Floral Endowment	Leaf & Flower Senescence	6/30/01	\$10,000
Jones,Michelle L	Primary PI	Horticulture & Landscape Arch	Isolation & Characterization of a Senescence	6/1/99 -	5229
		Colorado Floriculture Foundation	Repressor Gene from Carnation & Petunia Flowers	5/31/01	\$2,500
Jones,Michelle L	Primary PI	Horticulture & Landscape Arch	Isolation & Characterization of a Senescence	6/1/99 -	5229
		Colorado Floriculture Foundation	Repressor Gene from Carnation & Petunia Flowers	5/31/01	\$2,500
Klett,James E	Primary PI	Horticulture & Landscape Arch	Weed Control with Herbaceous Plants	2/25/91 -	2200
		University of California		3/31/03	\$11,000
Klett,James E	Primary PI	Horticulture & Landscape Arch	Weed Control with Herbaceous Plants	2/25/91 -	2200
		University of California		3/31/01	\$8,722
Koski,Anthony J	Primary PI	Horticulture & Landscape Arch	Conversion of Perennial Ryegrass Fairways to	7/10/00 -	5425
		Golf Course Superintendents Assn of Amer	Kentucky Bluegrass	7/9/03	\$30,000
Newman,Steven E	Primary PI	Horticulture & Landscape Arch	Adaptation of Waste Tire Rubber for Greenhouse	7/1/00 -	0165
		School of Mines	Media & Zinc Fertilizers	6/30/01	\$40,007
Stushnoff,Cecil	Primary PI	Horticulture & Landscape Arch	Application of FTIR Spectroscopy to Identify	7/1/97 -	8324
		Potato Administration of Colorado	Potato Cultivars	6/30/01	\$6,500

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
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 \$110,000
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	3284 \$10,650
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch Colorado Certified Potato Growers Assn	Characterization & Analysis of Anitfungal Proteins from Phytophthora Infestans (late blight)- Resistant ...	7/1/01 - 6/30/06	5067 \$25,000
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch Colorado Department of Agriculture	Viticulture & Enology Programs for the Colorado Wine Industry	7/1/00 - 6/30/01	0011 \$174,000
Zink,Richard T	Primary PI	Horticulture & Landscape Arch	Utilization of Compost Made from Agricultural & Forestry Wastes for Improving the Economic & Ecological...	8/15/00 - 7/14/03	1372 \$137,915
Dillon,Merlin A	Co-PI	University of Utah			
Thompson,Asunta L	Co-PI				
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences City of Littleton	Application of Sewage Sludge to Dryland Wheat	1/1/93 - 12/31/01	5677 \$67,084
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences	Effects of Biosolids Application on Erosion	10/1/98 -	5867
Redente,Edward F	Co-PI	EPA-Environmental Protection-Consol Res	Control & Ecosystem Recovery	9/30/03	\$49,450
Brick,Mark A	Primary PI	Soil & Crop Sciences Colorado Dry Bean Advisory Board	Bean Breeding Program	11/1/92 - 12/31/01	5254 \$8,000
Cipra,Jan E	Primary PI	Soil & Crop Sciences	Inventory & Monitoring Natural Resources Status	6/1/00 -	2862
Flynn,Robert L	Co-PI	DOI-NPS-National Park Service	& Trends in the National Park System: Soil	9/30/01	\$54,050
Kelly,Eugene F	Co-PI		Resources Inventory		
Davis,Jessica G	Primary PI	Soil & Crop Sciences Colorado Dept Public Health & Environ	Implementation of the National AFO Strategy in Colorado	9/1/00 - 6/30/02	0020 \$90,000
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 - 3/31/01	5016 \$9,260
Davis,Jessica G	Primary PI	Soil & Crop Sciences Organic Farming Research Foundation	Long-Term Organic Farming Impacts on Soil Fertility	1/1/01 - 12/31/01	5258 \$5,548
Davis,Jessica G	Primary PI	Soil & Crop Sciences EPA - Environmental Protection Agency	Prevention of Phosphorus Pollution from Agricultural Land	10/1/00 - 9/30/01	5808 \$25,000
Davis,Jessica G	Primary PI	Soil & Crop Sciences EPA - Environmental Protection Agency	Training Livestock Producers to Implement Comprehensive Nutrient Management Plans	9/1/00 - 8/30/02	5809 \$99,423

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## Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
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 - 12/31/00	5141 \$18,986
Haley,Scott D	Primary PI	Soil & Crop Sciences	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	7/1/97 -	8300
Quick,James S	Co-PI	Colorado Wheat Administrative Commission		6/30/01	\$53,200
Haley,Scott D	Primary PI	Soil & Crop Sciences	Evaluation of Milling & Baking Performance of Colorado Wheats	7/1/97 -	8303
Quick,James S	Co-PI	Colorado Wheat Administrative Commission		6/30/01	\$6,000
Johnson,Duane L	Primary PI	Soil & Crop Sciences Kansas State University	Development & Management of Canola in the Great Plains Region	5/1/99 - 4/30/01	1339 \$10,000
Johnson,Duane L	Primary PI	Soil & Crop Sciences Kansas State University	Development & Management of Canola in the Great Plains Region	5/1/99 - 4/30/02	1339 \$14,000
Johnson,Jerry J	Primary PI	Soil & Crop Sciences Colorado Dry Bean Advisory Board	Bean Testing Project	6/1/92 - 12/31/01	5648 \$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 - 6/30/01	8302 \$11,500
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 - 6/29/01	2001 \$105,695
Khosla,Raj	Primary PI	Soil & Crop Sciences	Multidisciplinary Precision Farming Strategies to Increase Profitability & Sustainability in Western Great Plains ...	9/15/00 -	1475
Peairs,Frank B	Co-PI	USDA-Init Future Agric & Food Sys- IFAFS		9/30/03	\$884,132
Westfall,Dwayne G	Co-PI				
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 \$87,003
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 \$45,000
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
Peterson,Gary A	Primary PI	Soil & Crop Sciences	Legume Cover Crops in Fallow as an Integrated Crop/Livestock Alternative in the Central Great Plains	10/1/98 -	1334
Westfall,Dwayne G	Co-PI	University of Wyoming		9/30/01	\$19,180
Peterson,Gary A	Primary PI	Soil & Crop Sciences	Legume Cover Crops in Fallow as an Integrated Crop/Livestock Alternative in the Central Great Plains	10/1/98 -	1334
Westfall,Dwayne G	Co-PI	University of Wyoming		9/30/01	\$19,679

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## Agricultural Sciences - Awards

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Peterson,Gary A	Primary PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Dryland Agroecosystems 9/29/98 - 5/31/03	2044	\$28,000
Quick,James S	Primary PI	Soil & Crop Sciences USDA-Foreign Agricultural Service	Breeding for Early-Maturing Drought Resistant Wheat with Enhanced Stability 5/15/97 - 5/14/01	2105	\$33,605
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 - 12/31/00	5140	\$19,354
Quick,James S	Primary PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Seed Viability & Storage Research 10/1/00 - 9/30/01	8007	\$38,180
Quick,James S	Primary PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Sugarbeet Production Research 10/1/00 - 9/30/01	8008	\$2,990
Quick,James S	Primary PI	Soil & Crop Sciences Monsanto	Roundup Ready Wheat Field Trials 9/11/00 - 12/31/00	8230	\$10,000
Quick,James S	Primary PI	Soil & Crop Sciences	Development of Improved Quality & High Yield in Spring Wheat Germplasm in Colorado 7/1/99 - 6/30/01	8307	\$14,500
Haley,Scott D	Co-PI	Colorado Wheat Administrative Commission			
Smith,Danny H	Primary PI	Soil & Crop Sciences	Consumptive Irrigation Water Use in the Upper Gunnison River Basin 7/9/01 - 12/31/03	5105	\$31,442
Brummer,Joe E	Co-PI	Upper Gunnison River Water Conservancy D			
Ward,Sarah M	Primary PI	Soil & Crop Sciences	Meeting Diverse Educational Needs in Agricultural Biotechnology 9/15/00 - 9/30/03	1471	\$568,520
Byrne,Patrick F	Co-PI	USDA-Init Future Agric & Food Sys- IFAFS			
Namuth,Deana	Co-PI				
Waskom,Reagan M	Primary PI	Soil & Crop Sciences Colorado Department of Agriculture	Training & Education for Agricultural Chemicals & Groundwater 7/1/00 - 6/30/01	0452	\$11,000
Waskom,Reagan M	Primary PI	Soil & Crop Sciences Colorado Department of Agriculture	Training & Education for Agricultural Chemicals & Groundwater 7/1/00 - 6/30/01	0452	\$160,600
Waskom,Reagan M	Primary PI	Soil & Crop Sciences Colorado Department of Agriculture	Training & Education for Agricultural Chemicals & Groundwater 7/1/00 - 6/30/01	0452	\$2,000
Westfall,Dwayne G	Primary PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources 9/1/96 - 8/31/01	2079	\$72,000
Westfall,Dwayne G	Primary PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources 9/1/96 - 8/31/01	2079	\$7,002

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## Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$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 - 9/5/01	0059 \$12,800
Sheafor, Bradford W Demiranda, Michael A	Primary PI Co-PI	Dean Of Applied Human Sciences Universidad de Atacama	Technology & Education Program Development Project	3/1/01 - 3/31/01	5700 \$4,973
Sheafor, Bradford W Demiranda, Michael A	Primary PI Co-PI	Dean Of Applied Human Sciences Universidad de Atacama	Technology & Education Program Development Project	3/1/01 - 4/30/01	5700 \$3,782
Davy, Kevin	Primary PI	Dept Of Health & Exercise Sci HHS-NIH-National Institutes of Health	Visceral Fat & Autonomic-Circulatory Control in Humans	4/1/01 - 3/31/06	7696 \$95,742
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 \$276,561
Hickey, Matthew Gotshall, Robert W Israel, Richard G	Primary PI Co-PI Co-PI	Dept Of Health & Exercise Sci Outlast Technologies, Inc.	Effect of Fabric Thermal Properties on Thermoregulatory Responses to Moderate Exercise in a Cold Environment	9/1/00 - 2/28/02	6124 \$5,075
Hickey, Matthew Gotshall, Robert W Israel, Richard G	Primary PI Co-PI Co-PI	Dept Of Health & Exercise Sci Outlast Technologies, Inc.	Effect of Fabric Thermal Properties on Thermoregulatory Responses to Moderate Exercise in a Cold Environment	9/1/00 - 2/28/02	6124 \$19,890
Mckenna, Judy E	Primary PI	Design And Merchandising National Endowment for Financial Educati	The High School Financial Planning Program on WEB CT	9/7/00 - 9/6/02	5214 \$19,593
Allen, Kenneth G D	Primary PI	Food Science & Human Nutrition USDA-Init Future Agric & Food Sys- IFAFS	Premature Birth & Docosahexaenoic Acid Enriched Functional Foods	9/15/00 - 9/30/04	1473 \$1,200,000
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 \$679,476
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition New Mexico State University	Spanish Fight BAC Internet & DVD Training for Home Based Child Care Providers	9/15/00 - 9/14/03	1371 \$70,929
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition USDA - US Department of Agriculture	Alternative Strategies of Nutrition Education for Low-Income Hispanics	7/1/00 - 6/30/03	1431 \$230,000
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition HHS-PHS-Cancer Research Manpower	Improving Nutrition & Cancer Risk among Hispanics	9/13/00 - 8/31/01	7856 \$100,000
Auld, Garry W	Primary PI	Food Science & Human Nutrition Colorado Dept Public Health & Environ	Evaluation of Elementary Teachers	10/1/99 - 9/30/01	0423 \$13,613
Beckstrom, Leslie A	Primary PI	Food Science & Human Nutrition Colorado Action for Healthy People	Happy Feet and Healthy Eats	10/15/00 - 10/14/01	5170 \$9,980

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## Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Campfield,L. Arthur	Primary PI	Food Science & Human Nutrition	Shaping Health Behaviors through Science	10/2/00 - 7865
Smith,Francoise	Co-PI	HHS-NIH-Nat. Ctr. for Research Resources	Enrichment	8/31/03 \$141,790
Anderson,Jennifer E.L	Collaborator			
Auld,Garry W	Collaborator			
Miller,Jeffrey P	Collaborator			
Harris,Mary A	Primary PI	Food Science & Human Nutrition	Effects of N-3 Long Chain Polyunsaturated Fatty Acids	8/1/00 - 6001 8/1/01 \$45,986
Ralston-Purina Company				
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition	Food Safety Begins on the Farm in Colorado	10/1/00 - 1370 12/31/01 \$18,714
Cornell University				
Melby,Christopher L	Primary PI	Food Science & Human Nutrition	Exercise & Insulin Sensitivity in Hispanic Americans	3/20/00 - 7939 3/19/04 \$23,067
Ho,Richard	Co-PI	HHS-PHS-Diabetes, Endocrin. & Metab. Res		
Yu,Liangli	Primary PI	Food Science & Human Nutrition	Effects of Rosemary Extracts on Coffee Quality	11/1/00 - 6063 11/1/01 \$12,000
Hauser Company				
Demiranda,Michael A	Primary PI	Mfg Tech & Constr Mgmt	Curricular Model Development & Technical Assistance	8/1/99 - 6004 6/30/01 \$3,393
Schaeffer,Steven Lewis	Co-PI	EduSystems, Inc.		
Folkestad,James E	Primary PI	Mfg Tech & Constr Mgmt	Integration of RSP Tooling with Rapid Prototyping for Die Casting Applications	11/15/00 - 3806 11/14/03 \$58,468
Demiranda,Michael A	Co-PI	DOE-OCRE-Conservation & Renewable Energy		
Folkestad,James E	Primary PI	Mfg Tech & Constr Mgmt	Career Horizons	6/1/00 - 5594 6/30/01 \$8,050
Colorado Institute of Technology				
Koziol,Christopher J	Primary PI	Mfg Tech & Constr Mgmt	Architectural Preservation Institute-Phase 4	11/1/00 - 0027 12/31/02 \$162,165
Colo Dept Higher Educ-Historical Society				
Wolff,Birgit H	Primary PI	Mfg Tech & Constr Mgmt	On-Board Diagnostic (OBDII) Research & Training Center - Year 3	3/1/01 - 5815 4/1/02 \$736,200
EPA - Environmental Protection Agency				
Davies,Patricia	Primary PI	Occupational Therapy	Cognitive Event-Related Potentials & Brain Maturation	8/10/98 - 7855 5/31/03 \$1,402
HHS-NIH-Cntr Med Rehabilitation Research				
Davies,Patricia	Primary PI	Occupational Therapy	Cognitive Event-Related Potentials and Brain Maturation	8/10/98 - 7855 5/31/03 \$67,157
HHS-NIH-Cntr Med Rehabilitation Research				
Kovalenko,Beverly M	Primary PI	Occupational Therapy	Fall 2000 Service-Learning Scholars Program	8/16/00 - 1032 12/31/00 \$1,575
Corporation for National & Community Srv				
Sample,Pat L	Primary PI	Occupational Therapy	Life Transition for Youth with Acquired Brain Injuries	10/1/98 - 4211 9/30/02 \$149,942
DE-Special Ed-Children with Disabilities				

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Sample,Pat L	Primary PI	Occupational Therapy HHS-CDC-Environ. Hlth & Injury Control	The Culture of Rural Health Care-(Project 1) 9/1/00 - 8/31/01	7847 \$35,525
Schelly,Catherine L	Primary PI	Occupational Therapy Larimer County	The Transition Services Program & The New Start Program 7/1/99 - 12/31/00	5040 \$6,251
Cobb,R Brian	Primary PI	School Of Education State of Colorado-Div. of Youth Services	Lookout Mountain Youth Services Center 2/15/01 - 6/30/01	0486 \$33,678
Ginsberg,Richard	Primary PI	School Of Education University of Colorado Foundation, Inc.	Renewal of School-University Partnership 7/1/00 - 6/30/02	5210 \$15,000
Ginsberg,Richard	Primary PI	School Of Education Poudre School District R-1	Even Start Program 7/1/94 - 6/30/01	5301 \$20,094
Gloeckner,Gene	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Tech Prep, Technical Assistance Grant 7/1/00 - 6/30/01	0019 \$39,000
Lehmann,Jean P	Primary PI	School Of Education	Exceeding Expectations 7/1/00 -	0013
Deniston,Terry L	Co-PI	Colorado Department of Education	6/30/01	\$107,869
Tochterman,Suzanne M	Co-PI			
Mcwhorter,Barbara A	Primary PI	School Of Education	2000 Learn & Serve America 1/16/01 -	0473
Paccione,Angela	Co-PI	Colorado Department of Education	10/31/01	\$6,001
Morgan,George A	Primary PI	School Of Education University of Colorado Health Sci Ctr	Breastfeeding and Other Early Antecedents of Mastery Motivation 6/15/00 - 6/15/01	0003 \$3,500
Villarreal,Ramon	Primary PI	School Of Education	Equity Assistance Center Grant 7/1/99 -	4215
Hiatt,Dana Sims	Co-PI	DE-Civil Rights Training & Advisory Serv	6/30/02	\$611,584
Yohon,Teresa I	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Intel Teach to the Future 2/7/01 - 12/31/01	0485 \$6,000
Buchan,Victoria	Primary PI	Social Work HHS-CDC-Occup Safety & Health (NIOSH)	High Plains Intermountain Center for Agricultural Health & Safety 9/30/99 - 9/29/01	7644 \$133,460
Buchan,Victoria	Primary PI	Social Work HHS-CDC-Occup Safety & Health (NIOSH)	Multisite Evaluation project (HICAHS) 9/30/97 - 9/29/01	7858 \$72,037
Granger,Ben P	Primary PI	Social Work Colorado Department of Human Service	Colorado Collaborative Partnership 1/1/01 - 6/30/01	0071 \$129,622
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	7900 \$74,604

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## Applied Human Sciences - Awards

<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Proj #</b>	<b>\$Amount</b>
Sheafor,Bradford W	Primary PI	Social Work	HABIC (Human-Animal Bond in Colorado)	1/1/01 -	5255
	Dr. Scholl Foundation			12/31/01	\$10,000

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Awards Received - 13

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## Business - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Hayne,Stephen C	Primary PI	Computer Information Systems DOD-NAVY	Shared Information & Virtual Surfaces 9/28/00 - 3/1/02	2309 \$119,000
Hayne,Stephen C	Primary PI	Computer Information Systems DOD-ARPA-Advanced Research Proj. Agency	Shared Information and Virtual Surfaces 9/28/00 - 9/27/01	2309 \$58,000
Hayne,Stephen C	Primary PI	Computer Information Systems NSF - National Science Foundation	Group Decision Making in Strategic Market Games 7/1/00 - 3/31/02	3238 \$62,500
Hayne,Stephen C	Primary PI	Computer Information Systems NSF - National Science Foundation	Group Decision Making in Strategic Market Games Research Experience for Undergraduates 7/1/00 - 3/31/02	3241 \$6,000
Smith,Charles A.P Clegg,Benjamin A Young,Peter	Primary PI Co-PI Co-PI	Computer Information Systems ** DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition 4/1/01 - 12/31/01	2335 \$71,500
Francis,G James Hivner,Walter	Primary PI Co-PI	Inst For Transportation Mgt Colorado Department of Transportation	2000 Adult and Juvenile Seatbelt Usage Study 6/23/00 - 9/30/00	0445 \$100,000
Francis,G James	Primary PI	Inst For Transportation Mgt Colorado Department of Transportation	2001 Adult & Juvenile Seatbelt Usage Studies 7/3/01 - 9/30/01	0501 \$133,107
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 \$250,000
Francis,G James Hivner,Walter	Primary PI Co-PI	Inst For Transportation Mgt LISBOA, Inc.	Denver County Seatbelt Usage Study 11/1/00 - 1/31/01	6071 \$41,896
Mccarthy,Anne M Worzala,Elaine M	Primary PI Co-PI	Management Intl Cncl of Shopping Ctrs Edu Fnd	Bricks & Clicks: E-Commerce Strategies for the Chain Retailer 7/24/00 - 3/12/01	5246 \$8,985

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Berg, Wesley K	Primary PI	Atmospheric Science	The Effects of Climate Regime on TRMM	1/1/01 - 1906
Kummerow, Christian D	Co-PI	NASA - Natl Aeronautics & Space Admin.	Retrievals	5/31/02 \$151,000
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Chemical Heterogeneity among Fog Drop Populations & its Influence on Aerosol Processing by Fogs	1/15/00 - 3115 12/31/03 \$105,532
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science NSF - National Science Foundation	Development of an Airborne Cloud Water Sampler	3/1/01 - 3221 2/28/03 \$52,177
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science NSF - National Science Foundation	Development of an Airborne Cloud Water Sampler	3/1/01 - 3221 2/28/03 \$18,980
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science NSF - National Science Foundation	Chemical Heterogeneity among Fog Drop Populations & its Influence on Aerosol Processing by Fogs	1/15/00 - 3289 12/31/03 \$6,250
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science California, State Air Resources Board	Investment of San Joaquin Valley Fog Chemistry & Physics during the California Regional Particulate Air Quality Study	8/17/00 - 5005 6/30/02 \$248,534
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science	Investigations of Drop Size-Dependent Cloud Chemistry	8/24/98 - 5864 8/23/01 \$17,000
Moore, Katharine F	Co-PI	EPA-Environmental Educ & Training Prog		
Collett, Jeffrey L. Jr	Primary PI	Atmospheric Science Carnegie Mellon University	Subcontract with Carnegie Mellon/EPA Supersite	7/1/00 - 5902 6/30/02 \$74,000
Cotton, William R	Primary PI	Atmospheric Science	Development & Operational Use of Fire Weather	6/1/00 - 1107
Mcanelly, Ray L	Co-PI	UCAR-NCAR-COMET Atmospheric Tech. Divis.	Forecast Support from a High-Resolution Mesoscale Forecast Model	5/31/03 \$34,919
Cotton, William R	Primary PI	Atmospheric Science	Development & Operational Use of Fire Weather	6/1/00 - 1107
Mcanelly, Ray L	Co-PI	UCAR-NCAR-COMET Atmospheric Tech. Divis.	Forecast Support from a High-Resolution Mesoscale Forecast Model	5/31/03 \$33,491
Cotton, William R	Primary PI	Atmospheric Science UCAR-NCAR-Nat Ctr for Atmospheric Res	Investigations of Spacebased Doppler Lidar Propagation Through Simulated Cloud/Storm Systems	10/11/00 - 1119 10/10/02 \$75,000
Cotton, William R	Primary PI	Atmospheric Science University of Alaska at Fairbanks	Development of a Global, Interactive Nested Grid Model for Studying the Effects of Low-Latitude Aerosol Intrusions...	5/1/00 - 3422 4/30/02 \$42,476

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Cotton, William R	Primary PI University of Alaska at Fairbanks	Atmospheric Science	Development of a Global, Interactive Nested Grid Model for Studying the Effects of Low-Latitude Aerosol Intrusions...	5/1/00 - 4/30/01 3422 \$41,028
Cotton, William R Feingold, Graham	Primary PI Co-PI NSF-GEO-Geosciences	Atmospheric Science	Fundamental Studies of Aerosol/Boundary Layer Cloud Interactions & Development of Parameterizations Including...	6/1/99 - 4/30/02 3588 \$127,301
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 \$249,999
Cotton, William R	Primary PI American Meteorological Society	Atmospheric Science	AMS Graduate Fellowship for 2000/2001 for Cory A. Wolff	8/15/00 - 8/14/01 5644 \$15,000
Demott, Paul J Kreidenweis-Dandy, Soni Rogers, David C	Primary PI Co-PI Co-PI NASA-Goddard	Atmospheric Science	Freezing Characteristics of Soot/Sulfate Aerosols	4/1/00 - 3/31/02 1974 \$57,000
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 \$215,481
Denning, A Scott	Primary PI NASA-Goddard	Atmospheric Science	Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 - 12/31/01 1987 \$286,870
Denning, A Scott	Primary PI NASA-Goddard	Atmospheric Science	Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 - 12/31/01 1987 \$29,419
Denning, A Scott	Primary PI Tulane University	Atmospheric Science	Regional Estimation of Terrestrial CO2 Exchange from NIGEC Flux Data, Satellite Imagery, & Atmospheric Composition	7/1/00 - 6/30/01 3920 \$105,000
Gray, William M	Primary PI NSF-GEO-Geosciences	Atmospheric Science	The Physics of Hurricane Intensity Change	5/1/00 - 5/30/03 3068 \$99,998
Gray, William M	Primary PI NSF-GEO-Geosciences	Atmospheric Science	Empirical Climate Prediction	12/15/00 - 11/30/03 3185 \$150,001
Johnson, Richard H	Primary PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science	Tropical Rainfall Measuring Mission Sounding Studies	6/15/00 - 6/14/02 1993 \$61,500
Johnson, Richard H	Primary PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science	Tropical Rainfall Measuring Mission Sounding Studies	6/15/00 - 6/14/01 1993 \$47,500
Johnson, Richard H	Primary PI NSF-GEO-Geosciences	Atmospheric Science	Midlatitude Mesoscale Convective Systems	4/15/00 - 3/31/03 3065 \$171,489

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Kreidenweis-Dandy,Soni	Primary PI	Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 2000/2001 for Cassie Archuleta	8/15/00 - 5650 8/14/01 \$15,000
Kreidenweis-Dandy,Soni Vonderhaar,Thomas H	Primary PI Co-PI	Atmospheric Science DOD-ARMY-ARO-Army Research Office	Comparisons of Remotely-Sensed Aerosol Properties With Ground-Based in Situ Measurements	6/1/00 - 7441 8/4/01 \$33,177
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Center for Earth Atmosphere Studies Tropical Rainfall Measurement Mission & AMSR-E Algorithm Improvement Efforts	4/1/00 - 1914 3/31/02 \$150,000
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Data Analysis and Optimization of Algorithmic Code	1/1/01 - 1915 3/31/02 \$160,000
Montgomery,Michael T	Primary PI	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	Dynamical Studies in Hurricane Intensity Change	3/1/93 - 2447 2/28/02 \$174,204
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 - 3249 4/30/07 \$157,207
Montgomery,Michael T	Primary PI	Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 2000/2001 for Wesley Terwey	5/15/00 - 5652 8/14/01 \$15,000
Pielke,Roger A	Primary PI	Atmospheric Science DOI-USGS-Geological Survey	Human-Induced Land Cover Change, Biophysical Responses, & Implications for Land Resource Management	1/1/01 - 1840 12/31/01 \$50,615
Pielke,Roger A	Primary PI	Atmospheric Science DOI-USGS-Geological Survey	Human-Induced Land Cover Change, Biophysical Responses, & Implications for Land Resource Management	1/1/01 - 1840 12/31/01 \$18,000
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 - 1905 8/31/03 \$22,000
Pielke,Roger A Parton,William J	Primary PI Co-PI	Atmospheric Science DOI-USGS-Research and Data Acquisition	Use of EROS Data Center NDVI Analyses to Improve Seasonal Weather Prediction & Regional Climate Analyses	8/1/00 - 2879 7/31/01 \$64,000
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 - 2881 6/30/01 \$43,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Pielke,Roger A	Primary PI	Atmospheric Science	Tropospheric Impact of Waves & Flows	7/1/00 - 3122
Dalu,Giovanni A	Co-PI	NSF-GEO-Geosciences	Generated By Landscape Heterogeneity: A Theoretical Investigation	6/30/03 \$139,006
Pielke,Roger A	Primary PI	Atmospheric Science	Tropospheric Impact of Waves & Flows	7/1/00 - 3122
Dalu,Giovanni A	Co-PI	NSF-GEO-Geosciences	Generated By Landscape Heterogeneity: A Theoretical Investigation	6/30/03 \$136,766
Pielke,Roger A	Primary PI	Atmospheric Science	Services of Regional Atmospheric Modeling System (RAMS)	7/1/00 - 5664
Johnson Potter,Felicity	Co-PI	University of Puerto Rico		6/30/01 \$12,000
Pielke,Roger A	Primary PI	Atmospheric Science	CAMEX-3 Project	10/15/98 - 6074
Nicholls,Melville E	Co-PI	Simpson Weather Associates, Inc.		1/31/01 \$34,845
Randall,David A	Primary PI	Atmospheric Science	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 1964
Fowler,Laura Dorothy	Co-PI	NASA-Goddard		11/30/01 \$57,500
Randall,David A	Primary PI	Atmospheric Science	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 1964
Fowler,Laura Dorothy	Co-PI	NASA-Goddard		6/30/01 \$75,432
Randall,David A	Primary PI	Atmospheric Science	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 1964
Fowler,Laura Dorothy	Co-PI	NASA-Goddard		11/30/01 \$176,500
Randall,David A	Primary PI	Atmospheric Science	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 1964
Fowler,Laura Dorothy	Co-PI	NASA-Goddard		11/30/01 \$27,000
Randall,David A	Primary PI	Atmospheric Science	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 1968
		NASA-Langley Research Center		10/31/01 \$265,370
Randall,David A	Primary PI	Atmospheric Science	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 1968
		NASA-Langley Research Center		5/31/01 \$60,000
Randall,David A	Primary PI	Atmospheric Science	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 1968
		NASA-Langley Research Center		5/31/01 \$30,000
Randall,David A	Primary PI	Atmospheric Science	Interaction of the Cloudy Arctic Boundary Layer with Variable Surface Conditions & ...	5/1/98 - 1985
		NASA-Langley Research Center		4/30/01 \$32,000
Randall,David A	Primary PI	Atmospheric Science	Convective Cloud Systems in Climate Models	10/1/98 - 3554
		NSF-GEO-Geosciences		9/30/03 \$235,933

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Randall,David A	Primary PI	Atmospheric Science DOE-Basic Energy Sci / Univ & Sci Educ	Use of ARM Data to Develop & Test Improved Cloud Parameterization for Use in...	12/1/94 - 1/31/02	3822 \$220,999
Randall,David A Jensen,Tommy G	Primary PI Co-PI	Atmospheric Science DOE - US Department of Energy	Clouds & Ocean-Atmosphere Interactions in the Pacific Basin	9/15/95 - 3/31/02	3865 \$188,331
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 \$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 - 11/30/01	1972 \$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 - 11/30/01	1972 \$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 - 11/30/01	1972 \$102,311
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 \$138,053
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 \$180,397
Rutledge,Steven A	Primary PI	Atmospheric Science UCAR-NCAR-SOARS	Grant for 2000/2001 for Sarah Tessendorf	8/15/00 - 8/14/01	3419 \$5,000
Rutledge,Steven A	Primary PI	Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 200/2001 for Sarah Tessendorf	8/15/00 - 8/14/01	5668 \$15,000
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 \$85,000
Schubert,Wayne H	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Dynamics of Tropical Cyclones & the Hadley Circulation	12/1/00 - 11/30/03	3164 \$139,407
Schubert,Wayne H	Primary PI	Atmospheric Science UCAR-NCAR-SOARS	Scholarship for Jonathan Vigh for 2000-2001	8/15/00 - 8/14/01	3418 \$5,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Schubert, Wayne H	Primary PI	Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 2000/2001 for Jonathan Vigh	8/15/00 - 8/14/01	5660 \$15,000
Sinclair, Peter C	Primary PI	Atmospheric Science Rockwell-Collins Avionics & Communicatio	Airborne Clear Air Turbulence (CAT) Detection & Warning System	8/1/99 - 9/29/00	6379 \$118,701
Sinclair, Peter C	Primary PI	Atmospheric Science Rockwell-Collins Avionics & Communicatio	Airborne Clear Air Turbulence (CAT) Detection & Warning System	8/1/99 - 9/29/00	6379 \$12,040
Sinclair, Peter C	Primary PI	Atmospheric Science Rockwell-Collins Avionics & Communicatio	Airborne Clear Air Turbulence (CAT) Detection & Warning System	8/1/99 - 12/31/01	6379 \$160,000
Stephens, Graeme L Platt, C. Martin R	Primary PI Co-PI	Atmospheric Science NASA-Langley Research Center	Retrieval of Properties of High Clouds from LITE data	10/1/99 - 9/30/02	1909 \$72,586
Stephens, Graeme L Platt, C. Martin R	Primary PI Co-PI	Atmospheric Science NASA-Langley Research Center	Retrieval of Properties of High Clouds from LITE LITE data	10/1/99 - 9/30/02	1909 \$75,740
Stephens, Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 3/31/01	1916 \$32,436
Stephens, Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 6/30/06	1916 \$325,000
Stephens, Graeme L Randall, David A	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 3/31/01	1917 \$15,000
Stephens, Graeme L Vonderhaar, Thomas H	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 3/31/01	1918 \$15,000
Stephens, Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Towards a Multisensor Approach to Improve on Current Tropical Rainfall Measurement Mission . . .	11/1/98 - 10/31/01	1960 \$41,697
Stephens, Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Towards a Multisensor Approach to Improve on Current Tropical Rainfall Measurement Mission . . .	11/1/98 - 10/31/01	1960 \$41,698
Stephens, Graeme L	Primary PI	Atmospheric Science NASA-Goddard	Joint Research Studies on Earth-Atmospheric Problems	4/1/98 - 3/31/01	1980 \$46,000
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 \$10,000
Stephens, Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Algorithm and Instrument Support Activities for PICASSO-CENA	5/17/99 - 3/31/01	1997 \$7,000
Stephens, Graeme L	Primary PI	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	CloudSat Outreach & CIRA Activities	8/16/00 - 12/31/00	2706 \$65,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Stephens,Graeme L	Primary PI	Atmospheric Science NSF - National Science Foundation	Small Grant for Exploratory Research: Toward Evaluating a New Radiation Code in the National Center for ...	6/15/01 - 5/31/02	3288 \$25,000
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 - 1/31/02	3807 \$200,000
Stephens,Graeme L	Primary PI	Atmospheric Science DOE-Office of Energy Research	The Use of Lidar/Radiometer (LIRAD) In The ARM Program to Obtain Optical Proper...	3/1/98 - 2/28/02	3868 \$110,000
Stephens,Graeme L	Primary PI	Atmospheric Science Battelle, Pacific Northwest Laboratories	Installation & Operation of the CSIRO/ARM Mark II Narrow-Beam Spectral Infrared Radiometer at the SGP CART Site	8/1/00 - 9/30/01	3929 \$23,858
Stephens,Graeme L	Primary PI	Atmospheric Science Sandia Corporation/Sandia National Lab.	Scanning Spectral Polarimeter	7/20/94 - 12/31/01	3957 \$10,000
Vonderhaar,Thomas H Pielke,Roger A	Primary PI Co-PI	Atmospheric Science DOD-ARMY	CG/AR Large Eddy Simulation - Variable Scale Boundary Layer Research	7/1/00 - 6/30/01	7452 \$66,290
Batt,Brian C	Primary PI	Chemical & Biores Engineering CCHE-Commission on Higher Education	The Colorado Bioprocessing Center	7/1/00 - 6/30/01	0100 \$261,786
Karim,M Nazmul	Primary PI	Chemical & Biores Engineering CCHE-Commission on Higher Education	Optimization of Ethanol Production Using Recombinant Microorganisms	7/1/00 - 6/30/01	0168 \$20,000
Karim,M Nazmul Wickramasinghe,Ranil	Primary PI Co-PI	Chemical & Biores Engineering NSF - National Science Foundation	Planning Visit to Bangladesh: Arsenic Removal from Drinking Water	5/1/01 - 4/30/02	3266 \$3,690
Loftis,Jim C Garcia,Luis	Primary PI Co-PI	Chemical & Biores Engineering DOI-NPS-National Park Service	Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	4/17/95 - 4/30/02	4159 \$65,000
Murphy,Vincent G	Primary PI	Chemical & Biores Engineering CCHE-Commission on Higher Education	Colorado Institute for Research in Biotechnology	7/1/00 - 6/30/01	0126 \$119,058
Murphy,Vincent G Batt,Brian C	Primary PI Co-PI	Chemical & Biores Engineering NSF - Engineering Grant	Research Experiences for Undergraduates in Chemical Engineering Using the Colorado Bioprocessing Center	2/1/99 - 4/30/02	3565 \$67,613
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	9/15/00 - 8/31/03	3141 \$106,569
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	9/15/00 - 8/31/03	3141 \$133,712

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Integrated Electrochemical Degradation &	8/15/00 -	3153
Duteau,Nancy M	Co-PI	NSF - Engineering Grant	Biodegradation for Treatment of Contaminated ...	8/31/02	\$99,930
Sale,Thomas C	Co-PI				
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Integrated Electrochemical Degradation &	8/15/00 -	3245
Duteau,Nancy M	Co-PI	NSF - Engineering Grant	Biodegradation for Treatment of Contaminated ...	8/31/02	\$10,000
Sale,Thomas C	Co-PI				
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Redirecting Cellular Metabolism for the	9/15/00 -	3276
Duteau,Nancy M	Co-PI	NSF - Engineering Grant	Biodegradation of Mixtures of Chlorinated	8/31/03	\$10,000
			Solvents REU		
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Mechanisms of High Molecular Weight	10/1/99 -	5903
		Kansas State University	Polycyclic Aromatic Hydrocarbons	9/30/02	\$100,000
			Biodegradation in the Rhizosphere		
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Mechanisms of High Molecular Weight	10/1/99 -	5906
		Kansas State University	Polycyclic Aromatic Hydrocarbons	9/30/00	\$650
			Biodegradation in the Rhizosphere		
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering	Integrated Research on Hazardous Waste	4/1/92 -	7852
		HHS-PHS-Superfund Hazardous Substances	Chemical Mixtures	3/31/01	\$70,881
Sale,Thomas C	Primary PI	Chemical & Biores Engineering	Electrically Induced Redox Barriers for the In-Situ	2/21/01 -	2338
		DOD - US Department of Defense	Treatment of Contaminated Groundwater ON	2/20/04	\$112,448
			CAMPUS		
Sale,Thomas C	Primary PI	Chemical & Biores Engineering	Electrically Induced Redox Barriers for the In- Situ	2/21/01 -	2339
		DOD - US Department of Defense	Treatment of Contaminated Groundwater OFF	2/20/04	\$6,552
			CAMPUS		
Walker,Lloyd R	Primary PI	Chemical & Biores Engineering	Coordinated Agricultural Water Quality	9/15/00 -	1401
		USDA-Natl Integrated Food Safety	Programming for EPA Region VIII	9/14/02	\$994,000
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering	Designing Better Centrifuges for Blood	7/1/00 -	0164
		CCHE-Commission on Higher Education	Processing	6/30/01	\$19,915
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering	CAREER: Virus Clearance by Flocculation during	6/1/00 -	3093
		NSF - Engineering Grant	Bioreactor Harvesting	5/31/04	\$25,000
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering	CAREER: Virus Clearance by Flocculation during	6/1/00 -	3218
		NSF - Engineering Grant	Bioreactor Harvesting	5/31/04	\$17,376
Adams,Christopher R	Primary PI	CIRA	Supporting Tasks NASA Proposal for Southwest	10/1/00 -	2709
		University of Arizona	Regional Earth Science Applications Center	9/30/01	\$31,969

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
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 \$111,756
Connell,Bernadette H	Primary PI	CIRA DOS-AID-Agency for Inter. Development	Development & Implementation of GOES Rainfall & Fire Detection Products for Guatemala	4/1/01 - 12/31/01	9013 \$40,000
Cotton,William R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Sensitivity of Cloud Resolving Simulations of Convective Precipitation & Cloudiness to Various Methods ...	5/3/99 - 6/30/01	1241 \$85,000
Cotton,William R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Sensitivity of Cloud Resolving Simulations of Convective Precipitation & Cloudiness to Various Methods ...	5/3/99 - 6/30/01	1241 \$85,000
Cotton,William R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Examination of the Linkages between the Northwest Mexican Monsoon & Great Plains Precipitation	8/30/00 - 6/30/03	1257 \$85,000
Denning,A Scott	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Atmospheric CO2 Inversion Intercomparison Project (TransCom 3)	4/23/99 - 6/30/02	1240 \$51,000
Denning,A Scott	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Monitoring & Modeling Isotopic Exchange between the Atmosphere & the Terrestrial Biosphere	7/25/00 - 6/30/01	1255 \$55,000
Eis,Kenneth E	Primary PI	CIRA DOI-NPS-National Park Service	Assistance for Visibility Data Analysis & Image Display Techniques	9/1/00 - 8/31/01	1729 \$858,700
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 - 9/30/01	5090 \$112,585
Johnson,Lynn	Primary PI	CIRA	Hydrologic Forecasting System Evaluation & Development Support	7/1/96 - 6/30/01	1215 \$28,091
Vonderhaar,Thomas H	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn			
Johnson,Richard H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Objective Analysis of TOGA-COARE Humidity-Corrected Sounding Data	1/11/01 - 6/30/01	1258 \$46,000
Kidder,Stanley Q	Primary PI	CIRA	Development of Advanced Applications Products Using AMSU Data	12/1/97 - 6/30/01	1233 \$144,500
Vonderhaar,Thomas H	Co-PI	DOC-NOAA-ERL-Environmental Research Labs			
Knaff,John A	Primary PI	CIRA DOD-NAVY-ONR-Office of Naval Research	Development & Implementation of a Statistical Typhoon Intensity Prediction Scheme for the Western North Pacific	2/15/01 - 12/31/01	2316 \$65,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Kreidenweis-Dandy,Soni Feingold,Graham	Primary PI Co-PI	CIRA DOC-NOAA-NWS-National Weather Service	Impact of Clouds on Nitrogen Species & Ozone in the NARE Boundary Layer	5/1/98 - 6/30/01	1236 \$80,600
Kreidenweis-Dandy,Soni Collett,Jeffrey L. Jr	Primary PI Co-PI	CIRA DOI-NPS-National Park Service	Analyses of Data From the Big Bend Regional Aerosol & Visibility Observational Study	9/1/00 - 8/31/01	1755 \$145,000
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 - 3/31/02	1755 \$34,500
Matsumoto,Clifford R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	CIRA Activities & Participation in National Geophysical Data Center Data Repository, Processing & Management	5/10/01 - 6/30/01	1259 \$55,968
Mckee,Thomas B Doesken,Nolan J	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	A Comparison of Rooftop & Standard Ground- Based Temperature	4/15/99 - 6/30/01	1239 \$66,000
Montgomery,Michael T Schubert,Wayne H	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Theoretical & Observational Analysis of the Mesoscale Vorticity & Wind Structure in Hurricanes	3/12/99 - 6/30/01	1238 \$50,000
Newsom,Rob K	Primary PI	CIRA NSF-GEO-Geosciences	Investigations of Stress & TKE Profiles in the Convective Boundary Layer Using Wind & Thermodynamic Retrievals...	6/1/99 - 5/31/02	3580 \$86,632
Pielke,Roger A Liston,Glen E	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Parameterizing Subgrid-Scale Snow-Cover Heterogeneities for Use in Regional & Global Climate Models	7/1/97 - 6/30/02	1229 \$70,000
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	6/30/00 - 6/30/01	1252 \$79,900
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 12/31/00	1920 \$43,261
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 12/31/00	1920 \$10,816
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 3/31/01	1920 \$237,564
Vonderhaar,Thomas H	Primary PI	CIRA UCAR-NCAR-COMET Atmospheric Tech. Divis.	A Satellite-Derived Cloud Climatology for the Mid- Atlantic States	8/30/00 - 6/30/01	1118 \$6,869
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Cooperative Institute for Research	7/1/96 - 6/30/01	1201 \$205,000

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research	7/1/96 - 6/30/01	1202 \$1,447,942
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research	7/1/96 - 6/30/01	1202 \$1,320,140
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research	7/1/96 - 6/30/01	1202 \$1,905,073
Vonderhaar,Thomas H	Primary PI	CIRA	Air-Sea Interaction Remote Sensing Processes	6/19/96 -	1204
Frisch,Alfred S	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$26,382
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	International Satellite Cloud Climatology Project Sector Processing Center for GOES-9...	7/1/96 - 6/30/01	1210 \$192,000
Vonderhaar,Thomas H	Primary PI	CIRA	Activities & Participation in DMSP Satellite Data Processing & Analysis	7/1/96 -	1211
Eis,Kenneth E	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/02	\$33,973
Vonderhaar,Thomas H	Primary PI	CIRA	Activities & Participation in DMSP Satellite Data Processing & Analysis	7/1/96 -	1211
Eis,Kenneth E	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$33,973
Vonderhaar,Thomas H	Primary PI	CIRA	Activities & Participation in DMSP Satellite Data Processing & Analysis	7/1/96 -	1211
Eis,Kenneth E	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$75,040
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	GOES-I/M Product Assurance & Advanced Product Development for a Demonstration Project for Satellite...	7/1/96 - 6/30/02	1212 \$5,000
Vonderhaar,Thomas H	Primary PI	CIRA	Severe Weather Research	7/1/96 -	1221
Purdom,James F W	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$135,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	CIRA Activities & Participation in the GOES I-M Product Assurance Plan	10/1/96 - 6/30/01	1225 \$570,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Funds for Satellite Data Reception & Analysis Support	10/1/96 - 6/30/01	1227 \$75,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	GOES-I/M Product Assurance for Advanced Product Development for Support of the Virtual Institute for Satellite...	1/1/98 - 6/30/02	1235 \$190,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Washington DC Post-Doctoral Program	9/9/99 - 6/30/01	1243 \$306,600
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Washington DC Post-Doctoral Program	9/9/99 - 6/30/01	1243 \$369,100

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Developing a Mesoscale Observing Network over the North Atlantic Continent and Adjacent Ocean Areas to...	1/28/00 - 6/30/01	1248	\$34,042
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	U.S. Weather Research Program Joint Grants Program Satellite Support for NOAA	6/30/00 - 6/30/01	1251	\$40,000
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	High Performance Computing Committee Next Generation Internet Grant	6/30/00 - 6/30/01	1253	\$13,000
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhancement of Satellite Data Processing & Analysis Capabilities in Central America	6/30/00 - 6/30/01	1254	\$78,000
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhancement of Satellite Data Processing & Analysis Capabilities in Central America	6/30/00 - 6/30/01	1254	\$74,700
Vonderhaar,Thomas H	Primary PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Development of an International Workstation Network to Foster Collaborative Satellite Research, Data ...	8/30/00 - 6/30/01	1256	\$16,000
Vonderhaar,Thomas H	Primary PI CIRA Florida International University	Development of a Statistical Tropical Cyclone Rainfall Algorithm	2/12/01 - 9/30/01	5012	\$20,061
Vonderhaar,Thomas H	Primary PI CIRA Florida International University	Development of Extend-Range Tropical Cyclone Intensity Forecast Techniques	2/1/01 - 6/30/01	5586	\$22,300
Abt,Steven R	Primary PI Civil Engineering Nuclear Regulatory Commission	Workshop Presentation	10/3/00 - 10/5/00	1013	\$4,631
Abt,Steven R	Primary PI Civil Engineering DOI-Bureau of Reclamation	Rio Grande Channel Maintenance Mode	2/1/00 - 1/31/02	1711	\$35,963
Thornton,Christopher I Watson,Chester C	Co-PI Co-PI				
Abt,Steven R	Primary PI Civil Engineering DOI-Bureau of Reclamation	Rio Grande Channel Maintenance Mode	2/1/00 - 1/31/02	1711	\$88,782
Thornton,Christopher I Watson,Chester C	Co-PI Co-PI				
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	\$62,341
Ayers,Paul D	Primary PI Civil Engineering HHS-CDC-Occup Safety & Health (NIOSH)	ROPS Design & Testing for Agricultural Tractors	9/30/98 - 9/29/01	7857	\$140,063
Bienkiewicz,Bogusz J Neff,David E	Primary PI Co-PI Civil Engineering CPP, Inc.	Wind Tunnel Study of Orographic Effects on Wind Flow	5/1/00 - 4/30/01	6103	\$95,013

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Bledsoe,Brian	Primary PI	Civil Engineering EPA - Environmental Protection Agency	Hierarchical Physical Classification of Western Streams 1/15/01 - 1/14/04	5812 \$788,144
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 \$37,281
Broner,Israel Westfall,Dwayne G Westra,Philip	Primary PI Co-PI Co-PI	Civil Engineering Astrium	Developing Agronomic Parameter Estimations from Remote Sensing Data 5/1/01 - 4/30/03	5760 \$73,221
Carlson,Kenneth H	Primary PI	Civil Engineering CH2M Hill	Development of Implementation Protocols for the Integrated Disinfection Design Framework 11/1/98 - 8/30/00	6104 \$8,000
Carlson,Kenneth H	Primary PI	Civil Engineering CH2M Hill	Development of Implementation Protocols for the Integrated Disinfection Design Framework 11/1/98 - 6/30/01	6104 \$12,000
Cermak,Jack E	Primary PI	Civil Engineering Texas Tech University	Aerodynamic Coefficients for Low Buildings Wind Tunnel Study 10/1/00 - 9/30/01	1617 \$16,124
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 - 6/30/01	1991 \$39,308
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 - 6/30/01	1991 \$414,417
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 - 6/30/01	1991 \$73,395
Criswell,Marvin E	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	When Ecologies Collide? Planetary Protection Issues in the Human Exploration of Mars 6/1/01 - 8/31/01	1911 \$53,050
Elhakim,Omnia	Primary PI	Civil Engineering City of Fort Collins - Fort Fund	Co-AMP Research Conference 2000 6/28/00 - 6/27/01	5083 \$1,000
Fontane,Darrell G	Primary PI	Civil Engineering DOI-USGS-Research and Data Acquisition	Integration of Water Quantity Modeling with Resource Decision Analysis 8/1/00 - 7/31/02	1732 \$12,525
Fontane,Darrell G	Primary PI	Civil Engineering CAPES (Brazil)	Economic & Financial Aspects of Sanitation Companies (Training) 9/1/00 - 8/31/01	5727 \$15,808
Fontane,Darrell G Loomis,John B	Primary PI Co-PI	Civil Engineering ** AMIDEAST	Environmental Economics for Transportation Planning - Training Program 7/30/01 - 8/10/01	5761 \$7,440
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 \$45,000

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Gates, Timothy K	Primary PI	Civil Engineering USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources	9/1/96 - 8/31/01	2166 \$18,000
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 - 9/30/01	2800 \$30,000
Gates, Timothy K	Primary PI	Civil Engineering Fort Lyon Canal Comapny	Evaluation of Seepage Losses from the Fort Lyon Canal	5/17/01 - 12/31/01	5068 \$14,792
Gates, Timothy K	Primary PI	Civil Engineering Bent Soil Conservation Board	Salinity Studies	3/1/99 - 5/1/01	5556 \$3,500
Gessler, Daniel	Primary PI	Civil Engineering DOD-ARMY-Corps of Engineers	West Bay Diversion Sedimentation Predictions Phase II, Task Order No. 11	8/15/00 - 1/31/01	2452 \$33,540
Gessler, Daniel	Primary PI	Civil Engineering AJS Hydro, Inc.	Numerical Modeling of Smithland Lock & Dam: Phase I	8/31/00 - 10/31/00	6122 \$11,240
Gessler, Daniel	Primary PI	Civil Engineering DOD-ARMY-Corps of Engineers	Long Term Simulation of South West Pass Task Order No. 12	8/15/00 - 5/31/01	7218 \$55,000
Grigg, Neil S	Primary PI	Civil Engineering American Water Works Assc. Research Fd.	Surviving Disasters: Building on Experience	8/1/00 - 8/31/02	5245 \$100,000
Gutkowski, Richard M	Primary PI	Civil Engineering USDA-CSRS-CGP-Competitive Grants Program	Tests & Analysis of Layered Wood-Concrete Beams, Floors, & Decks	12/1/00 - 11/30/02	1476 \$110,000
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	MPC Local Program Management	7/1/00 - 6/30/01	9517 \$10,374
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	Participation in TEL8 - A Regional Transportation Telecommunications Network	7/1/00 - 6/30/01	9518 \$12,428
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	Rigorous Computer Modeling of Timber Trestle Railroad Bridges	7/1/00 - 6/30/01	9519 \$10,403
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	Effects of Environmental Exposure on Timber Railroad Bridge/Track Members and Connectors	7/1/00 - 6/30/01	9522 \$32,914
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	North Front Range Transportation Research Internships	7/1/00 - 6/30/01	9523 \$23,024
Gutkowski, Richard M	Primary PI	Civil Engineering North Dakota State University	Moment-Rotation Tests of High Performance Steel (HPS) I-Girders	7/1/00 - 6/30/01	9524 \$21,228

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Gutkowski,Richard M	Primary PI	Civil Engineering	Road Dust Suppression: Effect on Maintenance	7/1/00 -	9525
		North Dakota State University	Stability, Safety and the Environment (Cont.)	6/30/01	\$18,000
Gutkowski,Richard M	Primary PI	Civil Engineering	University Transportation Survey	7/1/99 -	9526
		North Dakota State University		12/31/00	\$7,723
Heyliger,Paul R	Primary PI	Civil Engineering	Prediction of Bulk Properties in Low Density 3-D	7/1/00 -	0176
Thompson,Erik G	Co-PI	School of Mines	Fiber Composites Using a Network Model	6/30/01	\$10,000
Heyliger,Paul R	Primary PI	Civil Engineering	Visco Plastic Compaction of Nonspherical Particle	9/1/00 -	3138
Thompson,Erik G	Co-PI	NSF - Engineering Grant	Aggregate	8/31/01	\$41,499
Julien,Pierre Y	Primary PI	Civil Engineering	Cooperative Agreement for Technical Assistance	11/21/96 -	1877
		DOI-Bureau of Reclamation	in Water Resource Investigations	9/30/02	\$70,000
Labadie,John W	Primary PI	Civil Engineering	Cooperative Agreement for Hydrologic Model	3/17/97 -	1868
		DOI-Bureau of Reclamation	Development & Maintenance	9/30/01	\$80,000
Labadie,John W	Primary PI	Civil Engineering	IID/SDCWA Water Transfer EIR/EIS -	12/1/99 -	6068
		CH2M Hill	Conservation Modeling	5/31/01	\$20,000
Liu,Juhua	Primary PI	Civil Engineering	High Plains Intermountain Center for Agricultural	9/30/91 -	7618
		HHS-CDC-Occup Safety & Health (NIOSH)	Health & Safety	9/29/01	\$43,563
Loftis,Jim C	Primary PI	Civil Engineering	Synthesis, Digitization, & Analysis of Clean	6/1/01 -	1841
		DOI-NPS-National Park Service	Water Act Impairments & Use Designations for	9/30/02	\$50,000
Loftis,Jim C	Primary PI	Civil Engineering	Establishing the Status & Trends of Impaired,	6/1/01 -	1843
		DOI-NPS-National Park Service	Threatened, & Outstanding National/State	9/30/05	\$100,000
Loftis,Jim C	Primary PI	Civil Engineering	Inventorying & Monitoring Natural Resources	4/17/95 -	4159
		DOI-NPS-National Park Service	Status & Trends in the National Park System	4/30/02	\$61,000
Loftis,Jim C	Primary PI	Civil Engineering	Inventorying & Monitoring Natural Resources	4/17/95 -	4159
		DOI-NPS-National Park Service	Status & Trends in the National Park System	4/30/02	\$328,000
Loftis,Jim C	Primary PI	Civil Engineering **	Eutrophication of Reservoirs on the Colorado	3/1/01 -	5055
		Various "Non-Profit" Sponsors	Front Range	2/28/02	\$6,000
Loftis,Jim C	Primary PI	Civil Engineering **	Eutrophication of Reservoirs on the Colorado	3/1/01 -	5055
		Various "Non-Profit" Sponsors	Front Range	2/28/02	\$4,000

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Meroney,Robert N	Primary PI	Civil Engineering National Research Council	Experimental & Theoretical Investment of Penetrable Roughness Turbulence for Environmental & Engineering...	8/30/00 - 8/30/01	3421 \$7,600
Nelson,John D	Primary PI	Civil Engineering	Properties of Comet Mantle Dust	7/1/99 -	1996
Perko,Howard	Co-PI	NASA-Goddard		6/30/01	\$22,000
Nelson,John D	Primary PI	Civil Engineering	Properties of Comet Mantle Dust	7/1/99 -	1996
Perko,Howard	Co-PI	NASA-Goddard		6/30/02	\$22,000
Ramirez,Jorge A	Primary PI	Civil Engineering	Research Experiences for Undergraduates	4/1/01 -	3261
Hannah,Judith L	Co-PI	NSF-EHR-Education & Human Resources	Program in Water Research at Colorado State University: SITE	3/31/04	\$93,963
Ramirez,Jorge A	Primary PI	Civil Engineering Tulane University	Application of a Statistical Dynamical Water Balance Model to Regional Scale Integrated Impact Assessment of ...	7/1/98 - 6/30/01	3906 \$76,000
Ramirez,Jorge A	Primary PI	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Adapting the Complementary Relationship for Mountainous Areas of the U.S.	6/30/97 - 6/30/02	8847 \$19,000
Ramirez,Jorge A	Primary PI	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Adapting the Complementary Relationship for Mountainous Areas of the U.S.	6/30/97 - 6/30/02	8847 \$26,580
Roesner,Larry A	Primary PI	Civil Engineering NSF-GEO-Geosciences	Model Urban Aquatic Ecology/Hydrologic/Geomorphologic Relationships on Urbanizing Streams...	9/1/00 - 8/31/01	3139 \$99,663
Roesner,Larry A	Primary PI	Civil Engineering Water Environment Research Foundation	The Effects of Wet Weather Discharges on the Physical Character of Aquatic Habitat	8/1/00 - 8/31/01	5244 \$98,489
Ruff,James F	Primary PI	Civil Engineering DOI-Bureau of Reclamation	The Effects of Aeration on the Energy Dissipation Characteristic	9/23/99 - 6/30/01	1810 \$20,000
Rummel,John D	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	IPA - John Rummel	11/1/99 - 10/31/01	1953 \$165,749
Rummel,John D	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	IPA - John Rummel	11/1/99 - 10/31/00	1953 \$171,862
Salas,Jose D	Primary PI	Civil Engineering	Quantifying Space-Time Variability in Agricultural	9/8/99 -	2005
Cipra,Jan E	Co-PI	USDA-ARS-Agricultural Research Service	Landscapes	7/14/04	\$9,000
Ramirez,Jorge A	Co-PI				

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Salas,Jose D	Primary PI	Civil Engineering	Quantifying Space-Time Variability in Agricultural	9/8/99 -	2005
Cipra,Jan E	Co-PI	USDA-ARS-Agricultural Research Service	Landscapes	7/14/04	\$149,000
Ramirez,Jorge A	Co-PI				
Salas,Jose D	Primary PI	Civil Engineering	Stochastic Analysis Modeling & Simulation-2001	9/15/00 -	2923
		DOI-Bureau of Reclamation		12/15/01	\$50,000
Sanders,Thomas G	Primary PI	Civil Engineering	Quantification of Federal Reserved Water Rights	10/1/92 -	2860
Kimball,Dan	Co-PI	DOI-NPS-National Park Service	for National Park Purposes	9/30/01	\$341,500
Shackelford,Charles D	Primary PI	Civil Engineering	Long-term Performance of GCLs Permeated with	8/15/99 -	3579
		NSF - Engineering Grant	Aqueous Inorganic Solutions	7/31/02	\$58,585
Thornton,Christopher I	Primary PI	Civil Engineering	Activated Concrete Block Performance Testing	7/1/00 -	6100
		Armortec		6/30/01	\$75,000
Thornton,Christopher I	Primary PI	Civil Engineering	Activated Concrete Block Performance Testing	7/1/00 -	6100
		Armortec		6/30/01	\$15,000
Watson,Chester C	Primary PI	Civil Engineering	Demonstration Erosion Control Monitoring	10/1/99 -	2414
Abt,Steven R	Co-PI	DOD-ARMY-Corps of Engineers	Program 2000-2002	9/30/01	\$304,617
Thornton,Christopher I	Co-PI				
Watson,Chester C	Primary PI	Civil Engineering	Altered Channel Morphology as a Result of	5/11/99 -	7396
Bledsoe,Brian	Co-PI	DOD-ARMY-Corps of Engineers	Increased Urbanization & Other Land Use	6/17/02	\$85,981
			Changes in Watersheds		
Watson,Chester C	Primary PI	Civil Engineering	Mississippi River Dike Field Investigation	11/20/00 -	8844
Bledsoe,Brian	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		2/28/01	\$40,878
Thornton,Christopher I	Co-PI				
Watson,Chester C	Primary PI	Civil Engineering	Mississippi River Dike Field Investigation	11/20/00 -	8844
Bledsoe,Brian	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/01	\$38,043
Thornton,Christopher I	Co-PI				
Whitt,Douglas E	Primary PI	Civil Engineering	Water Management Research	11/17/00 -	8000
		USDA-ARS-Agricultural Research Service		9/30/01	\$14,806
Elhakim,Omnia	Primary PI	Dean Of Engineering	Colorado Alliance for Minority Participation (CO-	11/1/96 -	3129
Smith,Frederick W	Co-PI	NSF-EHR-Education & Human Resources	AMP)	10/31/02	\$304,434
Stein,Fredrick M	Co-PI				
Elhakim,Omnia	Primary PI	Dean Of Engineering	Colorado Alliance for Minority Participation (CO-	11/1/96 -	3129
Smith,Frederick W	Co-PI	NSF-EHR-Education & Human Resources	AMP)	10/31/01	\$584,000
Stein,Fredrick M	Co-PI				

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Gessler,Johannes	Primary PI	Dean Of Engineering	Colorado Alliance for Minority Participation (CO-AMP)	11/1/96 -	3254
Stein,Fredrick M	Co-PI	NSF-EHR-Education & Human Resources		10/30/01	\$66,000
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 - 9/30/01	2311 \$79,944
Bringi,Viswanathan N	Primary PI	Elec. & Computer Engineering	Improving TRMM Ground Validation & Field Campaign Goals Using Polarimetric Radar Analyses with In-Situ . . .	11/1/98 -	1965
Hubbert,John	Co-PI	NASA - Natl Aeronautics & Space Admin.		10/31/01	\$50,322
Bringi,Viswanathan N	Primary PI	Elec. & Computer Engineering	Improving TRMM Ground Validation & Field Campaign Goals Using Polarimetric Radar Analyses with In-Situ . . .	11/1/98 -	1965
Hubbert,John	Co-PI	NASA - Natl Aeronautics & Space Admin.		10/31/01	\$50,322
Bringi,Viswanathan N	Primary PI	Elec. & Computer Engineering	Advanced Hydrometeor Identification of Severe Storms During STEPS (Severe Thunderstorms, Electrification & . . .	5/1/00 -	3052
Hubbert,John	Co-PI	NSF-GEO-Geosciences		4/30/03	\$100,003
Chen,Thomas Wei	Primary PI	Elec. & Computer Engineering Hewlett Packard *	Hewlett-Packard Research Fellowship	9/1/00 -	6040
				8/31/01	\$50,000
Chen,Thomas Wei	Primary PI	Elec. & Computer Engineering Hewlett Packard *	HP Test Chip Design Project	1/1/01 -	6137
				12/31/01	\$100,000
Chen,Thomas Wei	Primary PI	Elec. & Computer Engineering Hewlett Packard *	HP Test Chip Design Project Manufacturing	1/1/01 -	6138
				12/31/01	\$296,250
Collins,George J	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Higher Fidelity Etch Profiles & Reduced Charge Damage in Integrated Circuit Manufacturing by Neutralizing Charge . . .	5/1/01 -	3262
				4/30/04	\$210,000
Collins,George J	Primary PI	Elec. & Computer Engineering Advanced Energy Industries, Inc.	Phased Rf Excitation of Plasmas - Industry Match for NSF Grant	5/1/95 - 6/30/01	6091 \$20,000
Lear,Kevin	Primary PI	Elec. & Computer Engineering Mission Research Corporation	Vertical Cavity Surface Emitting Laser System Study	8/1/00 -	2608
				8/31/00	\$3,980
Lear,Kevin	Primary PI	Elec. & Computer Engineering	Center for Bio Optoelectronic Sensor Systems	7/1/00 -	2617
Wilmsen,Carl W	Co-PI	GIT-Georgia Institute of Technology		9/30/04	\$70,375
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering University of Colorado	Chemically Assisted Ion Beam Etching	7/1/00 - 6/30/01	0175 \$24,000
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering University of Colorado	GaN Based Blue Emitters Characterization for Optoelectronic Applications Research for Undergraduates	7/1/00 - 6/30/01	0180 \$10,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering University of Colorado	Technical Transfer Award Optoelectronic Applications Research for Undergraduates	7/1/00 - 6/30/01	0181 \$3,000
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 \$37,050
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering Texas Tech University	Growth, Characterization, & Modeling of GaAsN: Fundamental Properties & Optoelectronic Application - REU	6/1/00 - 5/31/03	3409 \$5,000
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering Astralux, Inc.	Fabrication of Defractive Micro-Optics Defractive Micro-Optics	7/1/99 - 6/30/01	6051 \$6,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering CIAN Systems, Inc.	Enhancing Bluetooth via Carrier Interferometry: A Survey	3/15/01 - 9/15/01	6132 \$5,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering University of Colorado	Colorado Photonics & Optoelectronics Program CPOP	7/1/00 - 6/30/01	0179 \$24,000
Rocca,Jorge J G	Primary 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 \$158,270
Menoni,Carmen S	Co-PI				
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 \$105,172
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering CRDF Civilian Rsrch & Dvlpmt Foundation	Focusing & Imaging Optics for Capillary Discharge Table-Top Soft X-Ray Lasers	10/1/00 - 3/31/02	5759 \$7,416
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering Hyperfine, Inc.	Variable Space Gratings with Flat Field Focusing	10/1/92 - 6/30/01	6007 \$6,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOD-ARMY-ARO-Army Research Office	Development of a Discharge Pumped 13nm Laser for Metrology of Projection Lithography Optics at the Manufacturer's Site	9/15/99 - 9/14/01	7250 \$232,383
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOD-ARMY-ARO-Army Research Office	Development of a Discharge Pumped 13nm Laser for Metrology of Projection Lithography Optics at the Manufacturer's Site	9/15/99 - 9/14/02	7250 \$213,288
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	6/1/00 - 5/31/03	1903 \$39,000
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	6/1/00 - 5/31/03	1903 \$57,239

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	6/1/00 - 5/31/03	1903 \$41,000
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	6/1/00 - 5/31/03	1903 \$41,000
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	6/1/00 - 5/31/03	1903 \$15,000
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 - 4/30/02	3577 \$70,825
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering	Virtual Colorado State University (CSU)	7/29/99 -	7254
Jayasumana,M A Anura	Co-PI	DOD-ARPA-Advanced Research Proj. Agency	University of Chicago-Illinois (CHILL) National Radar Facility	5/31/02	\$200,000
Young,Peter	Primary PI	Elec. & Computer Engineering Iowa State University	Robust Control of Large Scale Power Systems	5/1/00 - 4/30/01	3417 \$24,000
Young,Peter	Primary PI	Elec. & Computer Engineering Iowa State University	Robust Control of Large Scale Power Systems	5/1/00 - 4/30/02	3417 \$23,926
Young,Peter	Primary PI	Elec. & Computer Engineering NSF - Engineering Grant	Robust Learning Control with Application to Intelligent Building Systems	5/1/98 - 4/30/02	3532 \$50,000
Young,Peter	Primary PI	Elec. & Computer Engineering Seagate	Active Suppression of Resonant Modes in Flexible Structures	11/20/00 - 11/19/01	6085 \$25,000
Zoughi,Reza	Primary PI	Elec. & Computer Engineering NSF - Engineering Grant	Detection & Profiling of Accelerated Chloride Penetration in Concrete Using Near-Field ... REU	6/15/99 - 5/31/02	3010 \$5,000
Zoughi,Reza	Primary PI	Elec. & Computer Engineering NSF - Engineering Grant	Detection & Profiling of Accelerated Chloride Penetration in Concrete Using Near-Field Microwave Techniques	6/15/99 - 5/31/02	3585 \$90,551
Zoughi,Reza	Primary PI	Elec. & Computer Engineering American Soc. for Nondestructive Testing	Crack Dimensional Analysis & Modeling Optimization of Tight Crack Detection in Metals Using Coaxial Sensors at...	8/1/00 - 7/31/02	5615 \$15,000
Zoughi,Reza	Primary PI	Elec. & Computer Engineering DOD-NAVY-Naval Surface Warfare Center	Microwave Detection of Cracks in Painted Metallic Substrates	4/27/99 - 9/30/00	7360 \$25,000
Alciatore,David	Primary PI	Mechanical Engineering DGA Engineering	3D Scanner Investigation	10/1/00 - 5/31/01	6127 \$11,569

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Edwards,Harry W	Primary PI Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/00	9338 \$12,500
Edwards,Harry W	Primary PI Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/01	9338 \$42,700
Edwards,Harry W	Primary PI Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/01	9338 \$8,750
Edwards,Harry W	Primary PI Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/01	9338 \$185,800
Hittle,Douglas C Anderson,Charles Young,Peter	Primary PI Co-PI Co-PI Mechanical Engineering NSF - Engineering Grant	Robust Learning Control for Heating, Ventilating, & Air-Conditioning Systems	9/15/98 - 8/31/01	3555 \$174,972
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 \$65,882
James,Susan P	Primary PI Mechanical Engineering University of Colorado	Biomedical Engineering Program Collaboration to Expand BioServe's Spaceflight Biomedical Testing Program	2/1/01 - 10/31/01	2710 \$49,991
Kirkpatrick,Allan T	Primary PI Mechanical Engineering Midwest Research Institute - NREL	Improvements to SUNREL/SERIRES Computer Program	9/1/98 - 9/30/00	3907 \$11,972
Kirkpatrick,Allan T	Primary PI Mechanical Engineering GRI-Gas Research Institute	CFD Modeling of Gas Flow & Mixing in a Two- Stroke, Natural Gas Engine	12/19/00 - 8/1/01	5678 \$102,071
Kirkpatrick,Allan T	Primary PI Mechanical Engineering GRI-Gas Research Institute	CFD Modeling of Gas Flow & Mixing in a Two- Stroke, Natural Gas Engine	12/19/00 - 10/1/01	5678 \$56,700
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI Mechanical Engineering GRI-Gas Research Institute	Improved Cyclic Pressure-based Parametric Emissions Monitoring System Model	6/1/01 - 5/31/02	5596 \$120,381
Olsen,Daniel B	Primary PI Mechanical Engineering GRI-Gas Research Institute	Investigation of Formaldehyde Chemical Kinetics	3/26/01 - 3/31/02	5612 \$100,143
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI Mechanical Engineering Altronic, Inc.	Evaluation of Developmental Ignition Systems	6/6/01 - 10/1/02	6140 \$40,843
Radford,Donald W	Primary PI Mechanical Engineering Montec Associates, Inc.	Materials Science of Polyimide Foams, Phase II	10/1/00 - 5/1/02	2708 \$140,000

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## Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Sampath,Walajabad S	Primary PI	Mechanical Engineering	Continuous Belt Air to Vacuum to Air (AVA)	9/1/00 -	3128
Barth,Kurt	Co-PI	NSF - Engineering Grant	Technology for Remanufacturing & Recycling in High Technology...	8/31/01	\$99,843
Smith,Frederick W	Primary PI	Mechanical Engineering Univ. California-Los Alamos National Lab	Applications of the Virtual Finite Element Concept to Fracture Simulations of High Explosives	2/22/99 - 9/30/01	3916 \$35,000
Trenka,Andrew R	Primary PI	Mechanical Engineering University of Colorado	Colorado State University/Mid-America Manufacturing Technology Center (CSU/MAMTC) Agreement for 1998-1999	1/15/98 - 3/31/01	1114 \$2,000
Wheeler,Donna	Primary PI	Mechanical Engineering Musculoskeletal Transplant Foundation	Physical Characteristics of Retrieved Massive Allografts	4/1/01 - 3/31/02	5422 \$62,500
Wheeler,Donna	Primary PI	Mechanical Engineering DePuy Inc.	PMMA Study -- Phase II III	10/16/00 - 9/1/01	6084 \$69,795
Wheeler,Donna	Primary PI	Mechanical Engineering US Biomaterials Corporation	Comparison of Bioactive Bone Graft Materials Against Industry Standards	4/2/01 - 8/31/02	6125 \$60,000
Wheeler,Donna	Primary PI	Mechanical Engineering	Healing of Tibial Osteotomy Using Osteogenic Protein-1 Device	6/1/01 - 6/1/02	6139 \$177,480
Pluhar,G. Elizabeth	Collaborator	Stryker Biotech			
Turner,Anthony Simon	Collaborator				
Wilbur,Paul J	Primary PI	Mechanical Engineering University of Colorado	Space Center of Excellence	7/1/00 - 6/30/01	0167 \$25,000
Wilbur,Paul J	Primary PI	Mechanical Engineering NASA-Lewis Research Center	Advanced Electric Propulsion Research	1/23/96 - 10/31/01	1927 \$35,016
Wilbur,Paul J	Primary PI	Mechanical Engineering NASA-Lewis Research Center	Advanced Electric Propulsion Research	1/23/96 - 10/31/01	1927 \$10,012
Wilbur,Paul J	Primary PI	Mechanical Engineering DOD-NAVY-Naval Surface Warfare Center	Tribological Testing Services	9/10/00 - 11/1/00	2306 \$7,000
Wilbur,Paul J	Primary PI	Mechanical Engineering DOD-NAVY	Tribological Testing Services	1/25/01 - 12/31/01	2320 \$10,000
Wilbur,Paul J	Primary PI	Mechanical Engineering DOD-NAVY	Tribological Testing Services	1/25/01 - 12/31/01	2320 \$10,000
Wilbur,Paul J	Primary PI	Mechanical Engineering DOD-NAVY-Naval Surface Warfare Center	Tribological Testing Services	7/10/00 - 3/10/01	2432 \$10,000

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## Engineering - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Wilbur,Paul J	Primary PI	Mechanical Engineering University of Colorado	Space Grant College & Fellowship Programs	2/1/01 - 1/31/02	2711 \$60,000
Willson,Bryan D	Primary PI	Mechanical Engineering GRI-Gas Research Institute	Evaluation of Technologies for Reducing Hazardous Air Pollution Emissions	8/12/98 - 6/1/02	5508 \$281,050
Willson,Bryan D Olsen,Daniel B	Primary PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	An Investigation of Mixing & Scavenging in Large Bore (Natural Gas) Engines using Laser Diagnostics	12/19/00 - 5/1/02	5603 \$276,072
Willson,Bryan D	Primary PI	Mechanical Engineering GRI-Gas Research Institute	Micropilot Ignition for Two-Stroke, Natural Gas, Reciprocating Compressor Engines	3/26/01 - 3/31/02	5611 \$249,043
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering Woodward Governor Company *	Support on Ignition Systems	10/10/00 - 11/1/00	6028 \$7,700
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering Hoerbiger Corporation of America, Inc.	Testing of Hyerfuel Valves on a Cooper GMV Engine	4/1/00 - 12/31/00	6083 \$119,022
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Turbocharger Simulator Upgrade	6/1/00 - 12/1/00	6117 \$91,734

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## Liberal Arts - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$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 \$210,112
Magennis,Ann L	Primary PI Anthropology Centennial Archaeology, Inc.	Analyze the Human Skeletal Remains from Cemetery No. 2 at the San Carlos Correctional Facility, Colorado Mental...	9/21/00 - 6/30/02	5074 \$126,831
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 \$49,349
Todd,Lawrence C	Primary PI Anthropology USDA-USFS-Forest Research	Nebraska National Forest Cultural Resource Database	8/27/99 - 5/31/01	8711 \$10,000
Frickman,Linda G	Primary PI Art Colorado Council on the Arts & Humanitie	Colorado International Invitational Poster Exhibition	1/18/01 - 12/31/01	0484 \$3,700
Frickman,Linda G	Primary PI Art City of Fort Collins - Fort Fund	Colorado International Invitational Poster Exhibition	2/21/01 - 2/20/02	5034 \$2,000
Kling,Robert W	Primary PI Economics USDA - US Department of Agriculture	Improved Economic Methods for Wildlife Management Assessment	6/1/01 - 5/31/02	2178 \$31,992
Kling,Robert W Shulman,Steven J	Primary PI Co-PI 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 - 1/15/02	8761 \$323
Kling,Robert W Shulman,Steven J	Primary PI Co-PI 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 - 1/15/02	8761 \$1,604
Crow,Mary	Primary PI English City of Fort Collins - Fort Fund	Arnost Lustig	6/28/00 - 6/27/01	5028 \$1,800
Odonnell-Allen,Cindy	Primary PI English NCTE Research Foundation	Tools of the Trade: An Analysis of the Collaborative Discourse Practices of a Teacher Research Group	4/30/00 - 5/15/01	5238 \$7,431
Velazquez-Castillo,Maur	Primary PI Foreign Languages & Literature US Department of Education	Paraguayan Spanish: Language Contact & Dialectology	7/1/01 - 12/31/02	4205 \$33,000
Slater,Michael D	Primary PI Journalism & Technical Comm HHS-PHS-Drug Abuse Research Programs	Community Readiness and Media Prevention Campaigns	9/30/98 - 8/31/03	7614 \$496,470
Van Leuven,James K Wilmoth,Krisstina L	Primary PI Co-PI Journalism & Technical Comm NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs in the Space Life Sciences...	3/1/99 - 6/30/01	1994 \$107,082

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## Liberal Arts - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Van Leuven,James K	Primary PI	Journalism & Technical Comm	An Extended Analysis of Science Outreach	3/1/99 -	1994
Wilmoth,Krisstina L	Co-PI	NASA-ARC-Ames Research Center	Programs in the Space Life Sciences...	6/30/01	\$18,965
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	Technical Review of Park Science, Website	8/8/00 -	2870
		DOI-NPS-National Park Service	Design & Communication Effectiveness	3/8/01	\$2,778
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	A Change Agent for Rural Multicultural Adults	5/1/00 -	7531
Slater,Michael D	Co-PI	AMC Cancer Research Center		9/29/00	\$52,543
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	A Change Agent for Rural Multicultural Adults	5/1/00 -	7531
Slater,Michael D	Co-PI	AMC Cancer Research Center		4/30/01	\$73,562
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	A Change Agent for Rural Multicultural Adults	5/1/00 -	7531
Slater,Michael D	Co-PI	AMC Cancer Research Center		12/31/01	\$77,576
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	Developing Research-based Multimedia & Print	9/1/00 -	7846
		HHS-CDC-Environ. Hlth & Injury Control	Safety Communications for Rural Populations (Core 2)	8/31/01	\$36,233
Thaut,Michael H	Primary PI	Music, Theatre & Dance	Center for Biomedical Research in Music	7/1/00 -	0159
		CCHE-Commission on Higher Education		6/30/01	\$171,841
Kneller,Jane E	Primary PI	Philosophy	Nature, Art & Politics after Kant: Reconsidering	10/1/00 -	1007
		NEH-NFAH-Promotion of the Humanities	the Role of Early German Romanticism	12/31/01	\$169,717
Mumme,Stephen P	Primary PI	Political Science	Environmental Decentralization in Northern	7/1/00 -	5605
		Institute for the Study/World Politics	Mexico	12/31/00	\$8,500
Swanson,Louis E. Jr	Primary PI	Sociology	Decentralization, Capital Mobility & Local Well	10/1/00 -	1377
		Ohio State University	Being: Rural Counties in a New Policy Era	9/30/02	\$26,919
Swanson,Louis E. Jr	Primary PI	Sociology	Beef Industry Cooperatives: Differences Between	9/15/00 -	2057
Field,Thomas G	Co-PI	USDA - US Department of Agriculture	Investors & Non-Investors Regarding Enterprise Management...	6/30/02	\$34,581
Wilkins-Wells,John Rees	Primary PI	Sociology	Management Practice Study II - County Land Use	3/1/99 -	2896
		DOI-Bureau of Reclamation	Impacts on Irrigation Districts	9/30/01	\$45,000
Wilkins-Wells,John Rees	Primary PI	Sociology	Management Practice Study II - County Land Use	3/1/99 -	2896
		DOI-Bureau of Reclamation	Impacts on Irrigation Districts	9/30/01	\$100,000
Griffin,Cindy L	Primary PI	Speech Communication	Service-Learning Faculty Fellowship	10/1/00 -	1047
		Corporation for National & Community Srv		7/31/01	\$4,725

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	Preble's Amendment One to 00/01 MOU for Base Funds	1/29/01 - 6/30/01	0230 \$13,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	00/01 Sage Grouse Research - Exhibit G	7/1/00 - 6/30/01	0470 \$38,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	00/01 Preble's Meadow Jumping Mouse - Exhibit H	7/1/00 - 6/30/01	0471 \$53,500
Anderson,David R	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Research and Data Acquisition	Identifying Critical Model Components for Integrating Landscape-Scale Issues into Comprehensive Refuge ...	7/5/00 - 7/1/02	1802 \$24,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Design, Field Protocols & Advice on Data Analysis for Environmental Contaminant Studies	4/29/98 - 5/30/01	2826 \$5,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Development of Theory & Application of the Trapping Web for Estimating Density of Biological Populations	6/11/99 - 6/30/02	2840 \$35,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research NSF-Biological Sciences	Ecology of Virus Transmission in Commensural Bat Colonies	9/15/00 - 8/31/05	3144 \$436,034
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 - 12/31/02	8789 \$100,500
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	Nonnative Fish Control	7/1/00 - 6/30/01	0447 \$65,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	Evaluation of Habitat Influences - Exhibit C	7/1/00 - 6/30/01	0466 \$68,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	00/01 Aquatic Studies - Exhibit D	7/1/00 - 6/30/01	0467 \$50,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	00/01 TAM - Exhibit E	7/1/00 - 6/30/01	0468 \$61,297
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	00/01 Whirling Disease PCR - Exhibit F	7/1/00 - 6/30/01	0469 \$63,336
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	Amendment Two to 00/01 MOU for Base Funds (Fisheries Investigations)	4/18/01 - 8/31/01	0487 \$4,954

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Bergersen, Eric P	Primary PI Coop Fish & Wildlife Research Colorado Division of Wildlife	Nonnative Fish Control 01/02	7/1/01 - 6/30/02	0500 \$67,000
Bergersen, Eric P	Primary PI Coop Fish & Wildlife Research Montana State University	A Study to Determine the Effects of Fish Size & Release Location on the Survival of Rainbow Trout Fingerlings Stocked	5/1/00 - 9/30/01	1615 \$29,613
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 \$38,000
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 \$15,000
Franklin, Alan B	Primary PI Coop Fish & Wildlife Research University of Minnesota	Population Ecology of Northern Spotted Owls in Northwestern California	4/1/00 - 3/31/02	2211 \$26,368
Kennedy, Patricia L	Primary PI Coop Fish & Wildlife Research DOI-USGS-Research and Data Acquisition	Evaluation of the Raptor Electrocutation Mitigation Strategy Implemented by Moon Lake Electric Association at the...	7/5/00 - 12/31/03	1712 \$16,000
Kennedy, Patricia L	Primary PI Coop Fish & Wildlife Research DOI-USGS-Research and Data Acquisition	Evaluation of the Raptor Electrocutation Mitigation Strategy Implemented by Moon Lake Electric Association at the...	7/5/00 - 12/31/03	1712 \$20,000
Kennedy, Patricia L	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Effects of Water Developments on Breeding Birds in the Little Missouri National Grassland	3/16/99 - 6/1/01	1881 \$1,316
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 \$253,324
White, Gary C	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	The Improvement of Residual Cover through the Use of Grassland Treatments & Their Effects on Prairie Chicken ...	8/8/00 - 9/30/02	1713 \$2,000
White, Gary C	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	The Improvement of Residual Cover through the Use of Grassland Treatments & Their Effects on Prairie Chicken ...	8/8/00 - 9/30/02	1713 \$7,700
Meiman, James R	Primary PI Dean Of Natural Resources USDA-Foreign Agricultural Service	Non-Degree Training Program	7/1/98 - 7/30/03	2108 \$25,000
Meiman, James R	Primary PI Dean Of Natural Resources USDA-USFS-Forest Research	International Seminar on Forest & Natural Resources Administration & Management	3/13/01 - 2/14/06	8839 \$20,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Nomanbhoy, Nazli M	Primary PI	Dean Of Natural Resources	Seismic Schools: Real-Time Data, Real-World Research	9/1/00 - 8/31/02	3154 \$85,007
Geary, Edward E	Co-PI	NSF-GEO-Geosciences			
Hannah, Judith L	Co-PI				
Cooper, David Jonathan	Primary PI	Earth Resources DOI-NPS-National Park Service	Restore Glorieta Creek Reservoirs to Native Floodplain (Pecos National Historical Park, New Mexico)	4/1/99 - 1/15/01	2806 \$3,600
Cooper, David Jonathan	Primary PI	Earth Resources DOI-NPS-National Park Service	Analysis of Pre- & Post-Restoration Hydrology of a Pine Savanna Wetland at Moores Creek National Battlefield, NC	2/1/01 - 5/31/01	2890 \$4,000
Cooper, David Jonathan	Primary PI	Earth Resources DOI-NPS-National Park Service	Analysis of Pre- & Post-Restoration Hydrology of a Pine Savanna Wetland at Moores Creek National Battlefield, NC	2/1/01 - 5/31/01	2890 \$650
Cooper, David Jonathan	Primary PI	Earth Resources DOI-USGS-Geological Survey	Status of Fremont Cottonwood Forests in the Upper Colorado River Basin	5/1/01 - 9/30/03	2899 \$31,976
Cooper, David Jonathan	Primary PI	Earth Resources DOI-Bureau of Reclamation	Riparian Vegetation Studies on the Green & Yampa Rivers	5/1/98 - 4/30/02	2902 \$9,000
Cooper, David Jonathan	Primary PI	Earth Resources DOI-Bureau of Reclamation	Riparian Vegetation Studies on the Green & Yampa Rivers	5/1/98 - 4/30/02	2902 \$46,391
Cooper, David Jonathan	Primary PI	Earth Resources DOI - US Department of the Interior	Tamarisk Removal & Riparian Restoration Along Reaches of the Green River, Colorado	6/25/98 - 12/31/02	2913 \$18,510
Cooper, David Jonathan	Primary PI	Earth Resources DOI-NPS-National Park Service	Restore Snake River Gravel Pit, John D. Rockefeller, Jr. Memorial Parkway, to a Self-Sustaining Riparian ...	5/25/00 - 5/10/04	4105 \$8,481
Cooper, David Jonathan	Primary PI	Earth Resources DOI-NPS-National Park Service	Restore Snake River Gravel Pit, John D. Rockefeller, Jr. Memorial Parkway, to a Self-Sustaining Riparian ...	5/25/00 - 5/10/04	4105 \$13,053
Elder, Kevin J	Primary PI	Earth Resources DOD-ARMY-Corps of Engineers	Snow Distribution & Runoff Forecasting, Kings River Basin, California	8/15/96 - 12/31/01	2322 \$26,700
Elder, Kevin J	Primary PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Sample Design & Analysis of Spatial Snowpack Properties	4/18/00 - 3/31/01	8778 \$9,298
Erslev, Eric A	Primary PI	Earth Resources NSF - National Science Foundation	Collaborative Research: Lithospheric Structure & Evolution of the Rocky Mountains: Phase II: Geodynamic Processes	5/1/01 - 4/30/02	3287 \$30,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Hannah, Judith L	Primary PI	Earth Resources Colorado Geological Survey	Petroleum Research Internship 1/8/01 - 5/15/01	0041 \$14,004
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 - 9/30/01	1730 \$185,000
Hannah, Judith L	Primary PI	Earth Resources DOI-NPS-National Park Service	Development of Environmental Contaminant Encyclopedia 8/27/93 - 9/30/01	1731 \$57,000
Hannah, Judith L	Primary PI	Earth Resources	Inventory & Monitoring Natural Resource Status & Trends in the National Park Systems 7/1/99 - 9/30/02	2820 \$126,000
Laituri, Melinda J	Co-PI	DOI-NPS-National Park Service		
Laituri, Melinda J	Primary PI	Earth Resources Colorado Division of Wildlife	Hydrocoverage for Colorado 7/3/00 - 6/30/01	0458 \$18,180
Laituri, Melinda J	Primary PI	Earth Resources	Water Quality Monitoring for Northern Colorado Plateau Network, Assessment & Planning 5/1/01 - 4/30/02	1826 \$108,000
Macdonald, Lee H	Co-PI	DOI-NPS-National Park Service		
Smith, Freeman M	Co-PI			
Stednick, John D	Co-PI			
Macdonald, Lee H	Primary PI	Earth Resources DOI-NPS-National Park Service	Hydrologic Investigations at Bent's Old Fort National Historic Site 3/1/01 - 3/1/02	2894 \$9,890
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Forest Research	Measurement & Predictions of Cumulative Effects on the Eldorado National Forest 9/14/00 - 9/30/01	8868 \$30,000
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Sediment Production from Forested Areas in the Central Sierra Nevada 1/1/01 - 7/31/01	8869 \$27,000
Sanford, William E	Primary PI	Earth Resources BP Amoco	Investigation of Groundwater Age in the Northern San Juan Basin, Colorado 5/1/01 - 6/1/02	6129 \$89,041
Smith, Freeman M	Primary PI	Earth Resources USDA-NRCS-Natural Resources Consvtn Srv	Fort Bend & Beaver/Badger Watershed Plans 11/2/00 - 9/30/01	2062 \$3,000
Smith, Freeman M	Primary PI	Earth Resources	Develop a Comprehensive Restoration Plan for Agua Fria Creek, El Malpais, New Mexico 10/1/00 - 12/30/02	2889 \$30,000
Kunkle, Samuel	Co-PI	DOI-NPS-National Park Service		
Stednick, John D	Primary PI	Earth Resources DOI-BLM-Bureau of Land Management	College Internship Program - Julie Kray 6/28/00 - 9/30/00	2858 \$2,070
Stednick, John D	Primary PI	Earth Resources University of Wyoming	Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts 9/15/94 - 8/31/01	3467 \$30,566
Stednick, John D	Primary PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Nitrogen Sources in Surface Waters in the Glacier Lakes Experimental Ecosystem 9/10/99 - 5/30/01	8720 \$10,761

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Stednick,John D	Primary PI	Earth Resources	Monitoring the Effects of the Bobcat Fire	9/14/00 - 8866
Macdonald, Lee H	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/02 \$31,000
Stednick,John D	Primary PI	Earth Resources	Monitoring the Effects of the Bobcat Fire	9/14/00 - 8866
Macdonald, Lee H	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/02 \$18,000
Stein,Holly J	Primary PI	Earth Resources	Duration of Mineralization in Young Porphyry	1/15/01 - 3207
		NSF - National Science Foundation	Systems through Re-Os Dating	12/31/03 \$239,224
Wohl, Ellen E	Primary PI	Earth Resources	Wetland, Aquatic & Riparian Protocols	9/22/00 - 2219
Cooper, David Jonathan	Co-PI	University of Wyoming		4/28/01 \$31,050
Poff, N. Leroy	Co-PI			
Wohl, Ellen E	Primary PI	Earth Resources	Quantitative Modeling of Channelized Flow within	7/1/00 - 3100
		NSF-GEO-Geosciences	a Karst Stream	6/30/02 \$102,185
Wohl, Ellen E	Primary PI	Earth Resources	Hydraulic Resistance of Large Woody Debris in	9/1/99 - 3595
		NSF-GEO-Geosciences	Step Pool Channels	8/31/01 \$30,000
Wohl, Ellen E	Primary PI	Earth Resources	Hydraulic Resistance of Large Woody Debris in	9/1/99 - 3595
		NSF-GEO-Geosciences	Step Pool Channels	8/31/01 \$2,175
Wohl, Ellen E	Primary PI	Earth Resources	North Fork Gunnison River Study	9/1/00 - 5143
Cooper, David Jonathan	Co-PI	NFRIA-North Fork River Improvement Assoc		9/1/01 \$50,000
Wohl, Ellen E	Primary PI	Earth Resources	Characterization Channel Disturbance Regimes in	8/1/00 - 7292
		DOD-ARMY-ARO-Army Research Office	Hydroclimatically Extreme Regions	7/31/03 \$44,000
Wohl, Ellen E	Primary PI	Earth Resources	Characterization Channel Disturbance Regimes in	8/1/00 - 7292
		DOD-ARMY-ARO-Army Research Office	Hydroclimatically Extreme Regions	7/31/03 \$25,000
Andelt, William F	Primary PI	Fish & Wildlife Biology	Damage Control Extension	7/19/00 - 0007
		Colorado Division of Wildlife		6/30/01 \$40,000
Andelt, William F	Primary PI	Fish & Wildlife Biology	Alternative Systems for Managing Predators	8/22/00 - 2054
		USDA-APHIS-Ag & Plant Health Insp Srvc		8/21/01 \$21,020
Andelt, William F	Primary PI	Fish & Wildlife Biology	Alternative Systems for Managing Predators	8/22/00 - 2054
		USDA-APHIS-Animal Plant Health Insp Srvc		12/31/01 \$9,405
Andelt, William F	Primary PI	Fish & Wildlife Biology	Role of Predators in the Sage Grouse Decline	7/13/01 - 5109
		Moffat County, Colorado		7/31/02 \$5,168
Anderson, David G	Primary PI	Fish & Wildlife Biology	Population Status Survey of Schmolli Milkvetch	5/1/01 - 1822
		DOI-NPS-National Park Service		12/31/01 \$9,859

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Anderson,David G	Primary PI	Fish & Wildlife Biology City of Wheatridge	Wheat Ridge Open space Areas Biological Inventory	7/1/00 - 4/15/01	5598 \$16,385
Anderson,David G Wunder,Michael B	Primary PI Co-PI	Fish & Wildlife Biology City of Boulder	Inventory & Status Report of Ground Nut in Colorado	8/1/00 - 12/31/00	5607 \$7,758
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Task Order No. 4 Noxious Weed Mapping Project	7/17/00 - 6/30/01	0004 \$73,242
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	WRIS Web Site Task Order FY 00-01	11/15/00 - 6/30/01	0029 \$25,779
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Natural Diversity Information Source Task Order 2 FY 00-01	7/31/00 - 6/30/01	0448 \$47,476
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Greater Outdoors Colorado 2000 Aquatic Geographic Information Systems Manager	9/10/99 - 6/30/01	0453 \$52,663
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Greater Outdoors Colorado 2000 Aquatic Geographic Information Systems Manager	9/10/99 - 6/30/01	0453 \$145
Baker,Barry B	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	GIS Database Support Task Order FY 00/01	10/1/00 - 6/30/01	0461 \$43,591
Baker,Barry B	Primary PI	Fish & Wildlife Biology The Nature Conservancy	ABI OPS Data Exchange	8/21/00 - 5/1/01	1020 \$5,334
Baker,Barry B	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Gunnison Sage Grouse Conservation Plan	10/1/00 - 9/30/01	1735 \$20,600
Baker,Barry B	Primary PI	Fish & Wildlife Biology The Nature Conservancy	ABI Benchmark Standards: Short-Term Core	3/20/00 - 2/20/01	2654 \$26,500
Baker,Barry B Noon,Barry R Wilson,Kenneth R	Primary PI Co-PI Co-PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Develop Information and Database for Threatened & Endangered Species	9/18/00 - 9/30/02	2877 \$137,535
Benson,Delwin E	Primary PI	Fish & Wildlife Biology Corporation for National & Community Srv	Service-Learning Faculty Fellowship	10/1/00 - 7/31/01	1035 \$4,725
Benson,Delwin E	Primary PI	Fish & Wildlife Biology Blue Valley Ranch	Blue Valley Ranch	9/21/99 - 8/31/01	5304 \$18,778
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 \$15,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Rio Grande Chub Limiting Factors Research and Genetic Assessment (segment II, ecology)	4/19/01 - 6/30/03 0478 \$10,500
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Lower Green River Colorado Pikeminnow Abundance Estimation	1/1/01 - 9/30/01 1772 \$14,500
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Larval Fish Laboratory Involvement in Implementing Recovery Actions for the Endangered Fish in the Upper .....	10/10/89 - 9/30/01 1845 \$48,800
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Computer Interactive Key to Sucker Larvae & Early Juveniles of the Upper Colorado River	1/1/01 - 9/30/01 1851 \$34,500
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Development of a Monitoring Plan for Stocked Fish	1/1/01 - 9/30/01 1870 \$5,000
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Assessment of Drifting Larval Fishes in the Yampa & Green Rivers	10/1/89 - 9/30/01 1871 \$56,000
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Colorado Pikeminnow Abundance Estimation	3/1/00 - 12/31/02 2919 \$57,400
Hawkins, John A White, Gary C	Co-PI Co-PI			
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Status of Flannelmouth & Bluehead Suckers & Roundtail Chub	5/1/98 - 9/30/01 2944 \$40,000
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 \$27,500
Beyers, Daniel W	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Evaluation of Stage Fluctuations on Colorado Pikeminnow	5/23/00 - 9/30/01 1720 \$20,000
Clements, William H	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Arkansas River Water Quality	3/6/01 - 12/31/01 0474 \$49,875
Clements, William H	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Ecological, Hydrological & Geochemical Effects of the Cerro Grande Fire on Watersheds in Santa Fe National Forest...	8/15/00 - 8/31/01 1816 \$5,979
Clements, William H	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	Integration of Geological and Ecological Indicators for Assessment of Impacts on Stream & Riparian...	10/1/99 - 9/30/01 2813 \$5,500
Clements, William H	Primary PI	Fish & Wildlife Biology School of Mines	Effects of Heavy Metals in Sediments	10/1/98 - 9/30/01 5912 \$33,950

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Covich, Alan P	Primary PI Fish & Wildlife Biology University of Puerto Rico	Long-Term Ecological Research - Luquillo Experimental Forest	12/1/00 - 10/31/01	3415 \$27,000
Culver, Denise R	Primary PI Fish & Wildlife Biology Colorado Division of Wildlife	Technical Assistance to the State for Wetland Conservation and Protection	10/2/00 - 6/30/01	0026 \$21,000
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 \$10,000
Culver, Denise R	Primary PI Fish & Wildlife Biology Packard Foundation (David & Lucile) *	Pueblo County Inventory of Critical Biological Resources	4/1/01 - 4/30/02	5420 \$14,494
Culver, Denise R	Primary PI Fish & Wildlife Biology The Nature Conservancy	Riparian CD ROM Project	3/15/01 - 4/30/01	5918 \$1,499
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 \$55,016
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 \$17,793
Douglas, Marlis R	Primary PI Fish & Wildlife Biology Colorado Division of Wildlife	Suckermouth Minnow Genetic Assessment	4/19/01 - 6/30/02	0481 \$9,900
Douglas, Marlis R Bestgen, Kevin R Douglas, Michael E	Primary PI Co-PI Co-PI Fish & Wildlife Biology DOI-USGS-Geological Survey	Genetic Diversity of Gila Cypha within the Colorado River Ecosystem	6/19/01 - 1/1/05	1771 \$139,995
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 \$8,000
Fausch, Kurt D	Primary PI Fish & Wildlife Biology Colorado Division of Wildlife	Effects of Brook Trout on Colorado River Cutthroat Trout	7/1/99 - 6/30/03	0455 \$28,000
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 \$25,000
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 - 9/30/03	1708 \$66,165
Fausch, Kurt D	Primary PI Fish & Wildlife Biology DOI - US Department of the Interior	Strategies to Reduce the Effects of Brook Trout on Cutthroat Trout Restorations	3/12/98 - 12/31/01	4197 \$36,000
Fausch, Kurt D	Primary PI Fish & Wildlife Biology USDA - US Department of Agriculture	Population Effects of Nonnative Brook Trout on Colorado River Cutthroat Trout	9/25/00 - 12/31/02	8727 \$15,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Grunau, Lee	Primary PI Colorado Department of Transportation	Fish & Wildlife Biology Task Order No. 3 Central Shortgrass Prairie Phase 2	7/1/00 - 9/1/00	0005	\$25,000
Grunau, Lee	Primary PI Colorado Department of Transportation	Fish & Wildlife Biology Task Order No. 5 Central Shortgrass Prairie Phase 3	8/16/00 - 10/30/00	0012	\$29,991
Grunau, Lee Schorr, Robert	Primary PI Co-PI Colorado Department of Transportation	Fish & Wildlife Biology Central Shortgrass Prairie Project, Phase 4 Scope of Work	5/2/01 - 6/30/02	0488	\$100,004
Grunau, Lee	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology BLM South Park Mountain Plover Project (NFWF)	7/1/00 - 3/31/01	2848	\$30,000
Grunau, Lee	Primary PI USDA-USFS-Forest Research	Fish & Wildlife Biology Region 2 Fiscal Year 2000	3/1/00 - 3/31/01	8810	\$24,976
Grunau, Lee	Primary PI USDA - US Department of Agriculture	Fish & Wildlife Biology Region 2 FY2001	2/1/01 - 10/31/01	8871	\$24,976
Grunau, Lee	Primary PI USDA - US Department of Agriculture	Fish & Wildlife Biology Routt National Forest Threatened, Endangered & Sensitive Database Project	1/1/01 - 9/30/01	8876	\$6,656
Hawkins, John A	Primary PI DOI-Bureau of Reclamation	Fish & Wildlife Biology Yampa River Non-native Fish Control: Northern Pike Spawning & Nursery Habitat Evaluation	5/30/98 - 9/30/01	2943	\$74,300
Johnson, Brett Michael	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Sonar, Telemetry, Isotopes, Statistics	8/22/00 - 6/30/01	0009	\$12,000
Johnson, Brett Michael	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Kokanee in Blue Mesa Reservoir: Causes for their Decline & Strategies for Recovery	7/1/00 - 9/30/04	2891	\$20,000
Johnson, Brett Michael	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Kokanee in Blue Mesa Reservoir: Causes for their Decline & Strategies for Recovery	7/1/00 - 12/1/04	2891	\$20,000
Kennedy, Patricia L	Primary PI USDA-USFS-Forest Research	Fish & Wildlife Biology Regional Conservation Assessment of the Northern Goshawk	4/23/01 - 12/31/01	8875	\$41,401
Klein, Mary	Primary PI The Nature Conservancy	Fish & Wildlife Biology Great Outdoors Colorado Program (GOCO) Fiscal Year 2000 Open Space & Local Government	2/9/00 - 7/31/01	5325	\$100,000
Knight, Richard L	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Wildlife & Wildlife Viewing Along the Yampa River	9/1/99 - 12/31/01	0454	\$19,138
Lavender, Amy E	Primary PI University of Colorado	Fish & Wildlife Biology Conservation Biology Mapping Project	11/1/00 - 10/30/01	5259	\$7,100
Lyon, Margarette J	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Survey of Seeps & Springs in the Grand Junction District	9/11/00 - 9/30/01	1715	\$20,000

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Lyon,Margarette J	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Gunnison Gorge NCA Survey of Impacts on Rare Plants 4/1/01 - 12/31/01	1764	\$15,000
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Rare Plant Collection for a Herbarium 5/1/01 - 9/30/01	4109	\$2,500
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 - 9/30/02	8877	\$51,004
Melcher,Cynthia P	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Conservation Prioritization Ranking for Colorado Vertebrate Taxa 11/1/00 - 6/30/01	0030	\$39,397
Noon,Barry R	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	Population Viability Analysis of the Boreal Toad 7/1/00 - 6/30/02	1719	\$22,855
Noon,Barry R	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	Population Viability Analysis of the Boreal Toad 7/1/00 - 6/30/02	1719	\$21,958
Noon,Barry R	Primary PI	Fish & Wildlife Biology Northern Arizona University	Predicting the Effects of Ecosystem Fragmentation & Restoration: Management Models for Animal Populations 2/11/98 - 12/31/01	2627	\$16,885
Noon,Barry R	Primary PI	Fish & Wildlife Biology Northern Arizona University	Predicting the Effects of Ecosystem Fragmentation & Restoration: Management Models for Animal Populations - OFF CAMPUS 1/1/01 - 12/31/01	2640	\$21,865
Noon,Barry R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Effects of Landscape Patterns on the Distribution & Abundance of Grassland Birds 9/16/98 - 8/31/01	8721	\$5,500
Noon,Barry R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Effects of Landscape Patterns on the Distribution & Abundance of Grassland Birds 9/16/98 - 12/31/00	8721	\$5,000
Noon,Barry R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	A Symposium to Assess the Basic Logic Behind Focal Species Determination 9/21/00 - 6/30/01	8725	\$7,150
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Call Center 7/1/00 - 6/30/01	0444	\$82,127
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Professional Experience Program - Southwestern Willow Flycatcher Survey 10/1/98 - 9/30/00	1853	\$18,000
Rondeau,Renee	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Vegetation at the Pueblo Chemical Depot 7/21/00 - 7/20/01	2443	\$37,431
Rondeau,Renee	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Vegetation at the Pueblo Chemical Depot 7/21/00 - 7/20/01	2443	\$10,829

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Savidge,Julie	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Comparative Ecology of Recently Translocated & Established Populations of Bighorn Sheep in Nebraska	8/25/00 - 12/31/05	8835 \$3,200
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	Introduction Chapter of the PMJM Recovery Plan	1/30/01 - 9/30/01	1758 \$10,504
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force	Preble's Meadow Jumping Mouse Studies on the U.S. Air Force Academy	10/1/00 - 9/30/01	2325 \$34,678
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Preble's Meadow Jumping Mouse Survey on the U.S. Army Depot, Pueblo, Colorado	7/19/00 - 9/30/00	2418 \$3,000
Schorr,Robert	Primary PI	Fish & Wildlife Biology El Paso County Parks	El Paso County Biological Inventory & Assessment	3/15/00 - 6/30/01	5565 \$5,000
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology	Colorado Small Mammal Atlas	1/16/01 -	0223
Schorr,Robert	Co-PI	Colorado Division of Wildlife		6/30/01	\$15,000
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Boreal Toad Monitoring Throughout Colorado	9/10/99 - 6/30/01	0449 \$15,000
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Boreal Toad Surveys Throughout Colorado	5/26/99 - 12/31/01	8817 \$25,000
Snyder,Darrel E	Primary PI	Fish & Wildlife Biology	Catostomid Key: Computer-Interactive Key to	12/14/00 -	0036
Bestgen,Kevin R	Co-PI	Colorado Division of Wildlife	Sucker Larvae & Early Juveniles of the Upper Colorado River Basin	6/30/01	\$27,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Publication of Electrofishing & Its Harmful Effects on Fish	4/30/01 - 9/30/01	1837 \$25,822
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 - 7/20/01	2422 \$52,032
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Park County Biological Assessment	4/1/00 - 6/30/01	0010 \$2,900
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Park County Biological Assessment	10/16/00 - 6/30/01	0025 \$7,011
Spackman,Susan	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Keeping the Colorado Rare Plant Field Guide Current	8/1/99 - 12/31/01	1701 \$8,010
Spackman,Susan	Primary PI	Fish & Wildlife Biology National Fish and Wildlife Foundation	In Search of Alpine Endemics & their Pollinators	5/1/00 - 6/1/01	2213 \$13,800

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Spackman,Susan	Primary PI	Fish & Wildlife Biology	Weed and Rare Plant Assessments on Bureau of	4/24/00 - 2922
Wunder,Michael B	Co-PI	DOI-BLM-Bureau of Land Management	Land Management Areas of Critical	12/15/00 \$35,000
			Environmental Concern	
Spackman,Susan	Primary PI	Fish & Wildlife Biology	Park County Biological Assessment	4/1/00 - 5553
		Various "Non-Profit" Sponsors		6/30/01 \$5,000
Spackman,Susan	Primary PI	Fish & Wildlife Biology	Park County Biological Assessment	4/1/00 - 5553
		Various "Non-Profit" Sponsors		6/30/01 \$5,000
Spackman,Susan	Primary PI	Fish & Wildlife Biology	Park County Biological Assessment	7/14/00 - 8773
		Colorado Division of Wildlife		10/4/00 \$2,494
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	CNAP Ecology Support	7/1/00 - 0443
		Colorado State Parks/CO Natural Areas Pg		6/30/01 \$7,325
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	CNAP Ecology Support	7/1/00 - 0443
		Colorado State Parks/CO Natural Areas Pg		9/30/00 \$3,534
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	CNAP Ecology Support	7/1/00 - 0443
		Colorado State Parks/CO Natural Areas Pg		11/30/00 \$7,070
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	CNAP Ecology Support	7/1/00 - 0443
		Colorado State Parks/CO Natural Areas Pg		9/30/00 \$7,068
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	Basinwide Vegetation Mapping: Lower White,	7/1/00 - 0446
		Colorado Division of Wildlife	Yellow, & Piceance Basins	10/15/00 \$71,365
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	2001 Basinwide Field Verification Proposal, FY01	5/4/01 - 0489
		Colorado Division of Wildlife	Project Phase: Upper Yampa, Upper White, &	11/30/01 \$54,111
			Little Snake Rivers	
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	Biological Inventory of Bent's Old Fort National	6/1/01 - 1897
		DOI-NPS-National Park Service	Historical Site of the Southern Plains Network	12/31/01 \$15,649
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	TNC 2000 Community EGR's	3/1/00 - 2210
		The Nature Conservancy		12/30/01 \$2,590
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	Pueblo Chemical Depot Noxious Weed Mapping	7/19/00 - 2411
		DOD - US Department of Defense		7/18/01 \$15,027
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	Colorado Natural Areas Program Ecology	8/1/00 - 5171
		Colorado State Parks/CO Natural Areas Pg	Technician	7/31/01 \$67,147
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology	COFO FY01 Support Agreement	7/1/00 - 5604
		The Nature Conservancy		6/30/02 \$25,000

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Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Delta Soil Conservation District	Gunnison River Tributaries Riparian Inventory 9/1/00 - 2/28/01	5911 \$12,114
White,Gary C	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Biometrical Consulting Services 7/1/00 - 6/30/01	0002 \$5,000
White,Gary C	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Biometrical Consulting Services 7/1/00 - 6/30/01	0002 \$99,000
White,Gary C	Primary PI	Fish & Wildlife Biology	Research & Development on New Approaches for	6/23/00 -
Bowden,David C	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Monitoring Mexican Spotted Owl Populations	12/15/01
Franklin,Alan B	Co-PI			8783 \$9,988
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 - 12/31/01	8888 \$18,260
Wilson,Kenneth R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Boreal Toad Habitat Modeling 1/1/99 - 6/30/01	0456 \$23,616
Wunder,Michael B	Primary PI	Fish & Wildlife Biology	Resolving Conflicts of Charadrius Montanus	4/11/01 -
Mccoy,Timothy D	Co-PI	Colorado Division of Wildlife	Breeding on Private Lands 6/30/01	0482 \$14,999
Wunder,Michael B	Primary PI	Fish & Wildlife Biology	Resolving Conflicts of Charadrius Montanus	7/1/01 -
Mccoy,Timothy D	Co-PI	Colorado Division of Wildlife	Breeding on Private Lands 6/30/02	0483 \$45,015
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 \$30,027
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Resolving Conflicts of Charadrius Montanus Breeding on Private Lands 1/1/01 - 3/31/02	1821 \$63,212
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Small Mammals at the Pueblo Chemical Depot 7/21/00 - 7/20/01	2442 \$85,681
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	The Effects of Fire Intensity on Olive-Sided & Hammond's Flycatchers 10/1/99 - 9/30/01	2831 \$13,000
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	The Effects of Fire Intensity on Olive-Sided & Hammond's Flycatchers 10/1/99 - 9/30/01	2831 \$18,868
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Mountain Plover Study in Moffat County, Colorado 5/1/00 - 9/30/00	2846 \$4,000
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	South Park Mountain Plover 4 5/12/98 - 3/30/02	2853 \$16,000

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Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	Status/Conservation of Mountain Plover 4/1/00 - 3/31/02	2897 \$45,000
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Influence of Stand Structure on Growth & Resource Use in Rocky Mountain Forests 7/1/01 - 10/31/02	1774 \$18,800
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Riparian Vegetation on the Floodplains of the Green & Yampa Rivers 6/11/01 - 6/10/02	1775 \$4,000
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Research and Data Acquisition	Watershed Research in the United States National Parks 8/1/99 - 7/31/01	2868 \$14,999
Herrmann,Raymond	Co-PI			
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Research and Data Acquisition	Landscape Patterns of Aspen Forests 5/19/99 - 5/18/01	2873 \$20,000
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Research and Data Acquisition	Nutrient Supply Effects on Riparian Vegetation 6/9/99 - 6/10/01	2874 \$11,991
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 \$33,809
Binkley,Daniel E	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Ecosystem Structure & Function in Watersheds 4/24/01 - 3/1/02	8874 \$40,000
Burke,Ingrid C	Primary PI	Forest Sciences	Land-Use Change in Central Colorado: Ecosystem Consequences of Urbanization 9/1/00 - 8/31/02	1448 \$90,000
Kaye,Jason P	Co-PI	USDA-CSRS-CGP-Competitive Grants Program		
Burke,Ingrid C	Primary PI	Forest Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/02	3033 \$560,000
Kelly,Eugene F	Co-PI	NSF-Biological Sciences		
Burke,Ingrid C	Primary PI	Forest Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/02	3033 \$24,966
Kelly,Eugene F	Co-PI	NSF-Biological Sciences		
Burke,Ingrid C	Primary PI	Forest Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/01	3033 \$25,000
Kelly,Eugene F	Co-PI	NSF-Biological Sciences		
Burke,Ingrid C	Primary PI	Forest Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/02	3033 \$59,916
Kelly,Eugene F	Co-PI	NSF-Biological Sciences		
Dean,Denis J	Primary PI	Forest Sciences DOI-NPS-National Park Service	Inventorying & Monitoring Natural Resources Status & Trends in the National Park System 5/1/99 - 9/30/01	2824 \$55,000
Dean,Denis J	Primary PI	Forest Sciences Computer Assisted Development, Inc.	Assisting the Indonesian Government in Establishing a Web-based Map Server 7/15/00 - 3/15/01	5701 \$12,540
Dean,Denis J	Primary PI	Forest Sciences USDA - US Department of Agriculture	Landscape Characterization Over Time 9/1/00 - 8/31/01	8841 \$40,000

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Dean,Denis J	Primary PI	Forest Sciences USDA - US Department of Agriculture	Landscape Characterization Over Time 9/1/00 - 8/31/01	8841 \$4,615
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 - 9/13/01	8827 \$31,000
Hoffer,Roger M	Primary PI	Forest Sciences	Analysis of Digital Color Infrared Photography for Mapping Insect & Disease Infestation in Pinyon Pine 1/16/01 - 6/30/01	8837 \$28,000
Jacobi,William R	Co-PI	USDA - US Department of Agriculture		
Omi,Philip N	Primary PI	Forest Sciences	Spatial Interactions Among Fuels, Wildfire & Invasive Plants 11/20/00 - 9/30/03	1757 \$576,704
Kalkhan,Mohammed	Co-PI	DOI-BLM-Bureau of Land Management		
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 - 2/15/02	8838 \$40,000
Reich,Robin M	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Spatial Database Design, Population & Analysis 5/5/98 - 11/30/00	8852 \$5,000
Rideout,Douglas B	Primary PI	Forest Sciences DOI-NPS-National Park Service	Strategic Planning for Federal Interagency Fire Programs 1/15/01 - 9/30/01	1761 \$13,555
Rideout,Douglas B	Primary PI	Forest Sciences DOI-NPS-National Park Service	Strategic Planning for Federal Interagency Fire Programs 1/15/01 - 9/30/01	1761 \$17,334
Rideout,Douglas B	Primary PI	Forest Sciences	Integrated Fuels Treatment Assessment: Ecological Economic & Financial Impacts 11/23/99 - 11/22/01	2216 \$64,607
Loomis,John B	Co-PI	University of Montana		
Shaw,Robert B	Primary PI	Forest Sciences DOD - US Department of Defense	IPA for Larry Moss 8/1/00 - 7/31/02	2303 \$168,431
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Charles Wright 1/1/01 - 12/31/04	2314 \$86,445
Shaw,Robert B	Primary PI	Forest Sciences	Cultural Resources Support for Fort Drum, New York On Campus 1/1/01 - 12/31/03	2323 \$23,351
Zeidler,James A	Co-PI	DOD-ARMY-Fort Drum, New York		
Shaw,Robert B	Primary PI	Forest Sciences	Cultural Resources Support for Fort Drum, New York Off Campus 1/1/01 - 12/31/03	2324 \$276,649
Zeidler,James A	Co-PI	DOD-ARMY-Fort Drum, New York		
Shaw,Robert B	Primary PI	Forest Sciences	Wetlands Management Field Support for Fort Drum, NY - ON CAMPUS 3/1/01 - 12/31/02	2327 \$3,500
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York		

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Wetlands Management Field Support for Fort	3/1/01 -	2328
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	Drum, NY - OFF CAMPUS	12/31/02	\$46,500
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Field Support in LRAM and LCTA	5/1/01 -	2330
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	at Fort Drum, New York ON CAMPUS	10/31/01	\$11,489
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Field Support in LRAM and LCTA	5/1/01 -	2331
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	at Fort Drum, New York OFF CAMPUS	10/31/01	\$92,418
Shaw,Robert B	Primary PI	Forest Sciences	NEPA Technical Support for Fort Drum, New	5/1/01 -	2332
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	York - ON CAMPUS	12/31/03	\$1,510
Shaw,Robert B	Primary PI	Forest Sciences	NEPA Technical Support for Fort Drum, New	5/1/01 -	2333
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	York - OFF CAMPUS	12/31/03	\$18,490
Shaw,Robert B	Primary PI	Forest Sciences	Ecological Soil Characterization of the Delta Creek	6/1/01 -	2343
Doe,William W	Co-PI	DOD-ARMY-ARO-Army Research Office	& Washington Impact Areas, Fort Greely, Alaska	11/30/01	\$28,242
Shaw,Robert B	Primary PI	Forest Sciences	Geographic Information System Support at Fort	5/1/01 -	2369
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	Drum, New York - ON CAMPUS	12/31/02	\$3,501
Shaw,Robert B	Primary PI	Forest Sciences	Geographic Information System Support at Fort	5/1/01 -	2370
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	Drum, New York - OFF CAMPUS	12/31/02	\$61,499
Shaw,Robert B	Primary PI	Forest Sciences	Forest Management Support at Fort Drum, New	3/1/01 -	2400
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	York, ON CAMPUS	12/31/02	\$10,410
Shaw,Robert B	Primary PI	Forest Sciences	Forest Management Support at Fort Drum, New	3/1/01 -	2401
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	York, OFF CAMPUS	12/31/02	\$142,370
Shaw,Robert B	Primary PI	Forest Sciences	Intergovernmental Personnel Agreement for	2/1/99 -	2458
		DOD-ARMY	Eugene Bishop	1/31/02	\$120,316
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management (ITAM)	8/15/00 -	2478
Bagley,Calvin F	Co-PI	DOD-ARMY	Support SOW OO-14	9/30/01	\$10,007
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management (ITAM)	8/15/00 -	2479
Bagley,Calvin F	Co-PI	DOD-ARMY	Support SOW OO-14	9/30/01	\$130,993
Shaw,Robert B	Primary PI	Forest Sciences	Cultural Resources Data Recovery at Fort Drum,	4/1/01 -	2490
Zeidler,James A	Co-PI	DOD-ARMY-Fort Drum, New York	NY ON CAMPUS	10/30/02	\$15,118
Shaw,Robert B	Primary PI	Forest Sciences	Cultural Resources Data Recovery at Fort Drum,	4/1/01 -	2491
Zeidler,James A	Co-PI	DOD-ARMY-Fort Drum, New York	NY OFF CAMPUS	10/30/02	\$159,882
Shaw,Robert B	Primary PI	Forest Sciences	IPA for John Thomas Gray	8/15/00 -	2509
		DOD-ARMY		7/31/01	\$96,454

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Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	IPA for John Thomas Gray 8/15/00 - 8/14/02	2509 \$92,742
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Drum, New York	ITAM Support in LRAM & LCTA at Fort Drum, New York - ON CAMPUS 4/23/01 - 4/23/02	2513 \$14,660
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Drum, New York	ITAM Support in LRAM & LCTA at Fort Drum, New York - OFF CAMPUS 4/23/01 - 4/23/02	2514 \$157,918
Shaw,Robert B Jones,David S	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Lewis, Washington	Light Armored Vehicle Study at Yakima Training Center - ON CAMPUS 6/1/01 - 2/28/02	2541 \$79,927
Shaw,Robert B Jones,David S	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Lewis, Washington	Light Armored Vehicle Study at Yakima Training Center - OFF CAMPUS 6/1/01 - 2/28/02	2542 \$20,073
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) for Brian Helmlinger 8/1/01 - 7/31/03	2544 \$190,212
Shaw,Robert B	Primary PI	Forest Sciences DOD - US Department of Defense	IPA Contract for Joshua Delmonico 4/1/01 - 3/31/04	2547 \$89,403
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Frederick W. Boecher 11/26/98 - 11/25/01	2550 \$98,000
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) for Donald Artis 3/1/00 - 2/28/02	2551 \$114,821
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Timothy A. Blume 11/26/98 - 11/25/01	2552 \$84,197
Shaw,Robert B	Primary PI	Forest Sciences DOD - US Department of Defense	IPA Contract for Derek Halberg 4/1/01 - 3/31/04	2557 \$89,403
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Michael F. Flannery, Jr. 11/26/98 - 11/25/01	2558 \$95,238
Shaw,Robert B	Primary PI	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Jamie Marie Higgins 11/26/98 - 11/25/01	2559 \$82,444
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Survey & Site Evaluation, Fort Drum, New York - ON CAMPUS 5/31/01 - 12/31/03	2564 \$12,167
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Survey & Site Evaluation, Fort Drum, New York - OFF CAMPUS 5/31/01 - 12/31/03	2565 \$137,833
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	Forest Sciences DOD-ARMY	Forest Technical Support & Forest Inventory, ON CAMPUS 6/1/01 - 9/30/03	2572 \$2,595

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Shaw,Robert B	Primary PI	Forest Sciences	Forest Technical Support & Forest Inventory,	6/1/01 - 2573
Bagley,Calvin F	Co-PI	DOD-ARMY	OFF CAMPUS	9/30/03 \$47,405
Shaw,Robert B	Primary PI	Forest Sciences	Development of GIS Databases for Land	10/1/00 - 2639
Brozka,Robert J	Co-PI	Buchart-Horn, Inc.	Management Plans & Development of an Urban Tree Management Inventory	12/31/00 \$28,928
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management	12/14/99 - 2650
Bagley,Calvin F	Co-PI	Calibre Systems, Inc.	Geographic Information System Regional Support	1/12/01 \$7,787
Brozka,Robert J	Co-PI		Center	
Doe,William W	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management Program	6/1/00 - 2651
Bagley,Calvin F	Co-PI	Calibre Systems, Inc.	Support for Fort Drum, New York	10/1/01 \$9,678
Brozka,Robert J	Co-PI			
Doe,William W	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Active/Inactive Range Inventory for US Army	7/13/00 - 2653
Doe,William W	Co-PI	Calibre Systems, Inc.		7/12/02 \$100,000
Shaw,Robert B	Primary PI	Forest Sciences	Active/Inactive Range Inventory for US Army	7/13/00 - 2653
Doe,William W	Co-PI	Calibre Systems, Inc.		7/12/02 \$2,657,997
Shaw,Robert B	Primary PI	Forest Sciences	LRAM Support for Yakima Training Center, WA	8/23/00 - 2655
		Calibre Systems, Inc.		8/22/01 \$57,791
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Support for Fort Hunter Liggett,	8/22/00 - 2656
		Calibre Systems, Inc.	CA	8/21/01 \$302,780
Shaw,Robert B	Primary PI	Forest Sciences	TRADOC 1 ITAM Program Support - Fort	10/1/00 - 2657
Brozka,Robert J	Co-PI	Calibre Systems, Inc.	Leonard Wood, Benning, and Huachuca	9/29/01 \$362,571
Shaw,Robert B	Primary PI	Forest Sciences	Munitions Regulation Management Support for	11/22/00 - 2658
Brozka,Robert J	Co-PI	Calibre Systems, Inc.	Office of the Secretary of Defense, Army Staff	10/31/01 \$125,533
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management	1/11/01 - 2659
Bagley,Calvin F	Co-PI	Calibre Systems, Inc.	Geographic Information System Regional Support	1/10/02 \$413,969
Brozka,Robert J	Co-PI		Center	
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management	1/11/01 - 2659
Bagley,Calvin F	Co-PI	Calibre Systems, Inc.	Geographic Information System Regional Support	1/10/02 \$60,001
Brozka,Robert J	Co-PI		Center	
Shaw,Robert B	Primary PI	Forest Sciences	LRAM Equipment Operations Support for Fort	5/15/01 - 2660
Brozka,Robert J	Co-PI	Calibre Systems, Inc.	Drum, New York	11/14/01 \$20,917

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	3/21/01 -	2661
Brozka,Robert J	Co-PI	Calibre Systems, Inc.	6/13/02	\$94,485
Doe,William W	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	8/1/01 -	2662
Brozka,Robert J	Co-PI	Calibre Systems, Inc.	7/31/02	\$291,322
Shaw,Robert B	Primary PI	Forest Sciences	5/26/00 -	5243
Brozka,Robert J	Co-PI	Ida Cason Callaway Fnd(Callaway Gardens)	7/30/00	\$4,833
Shaw,Robert B	Primary PI	Forest Sciences	6/26/01 -	6141
		SupplyCore	11/8/01	\$9,125
Shaw,Robert B	Primary PI	Forest Sciences	10/1/00 -	7207
Brozka,Robert J	Co-PI	DOD-ARMY-Corps of Engineers	9/30/01	\$4,450
Shaw,Robert B	Primary PI	Forest Sciences	6/1/00 -	7208
Brozka,Robert J	Co-PI	DOD-ARMY-Corps of Engineers	5/31/01	\$1,000
Shaw,Robert B	Primary PI	Forest Sciences	5/1/00 -	7209
Zeidler,James A	Co-PI	DOD-ARMY-Corps of Engineers	10/31/01	\$445,021
Shaw,Robert B	Primary PI	Forest Sciences	5/1/00 -	7210
Zeidler,James A	Co-PI	DOD-ARMY-Corps of Engineers	10/31/01	\$149,711
Shaw,Robert B	Primary PI	Forest Sciences	8/1/00 -	7211
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	12/31/02	\$881
Shaw,Robert B	Primary PI	Forest Sciences	8/1/00 -	7212
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	12/31/02	\$9,118
Shaw,Robert B	Primary PI	Forest Sciences	9/27/00 -	7213
Brozka,Robert J	Co-PI	DOD-ARMY-Corps of Engineers	9/27/01	\$73,027
Shaw,Robert B	Primary PI	Forest Sciences	8/1/00 -	7215
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	12/31/02	\$4,406
Shaw,Robert B	Primary PI	Forest Sciences	8/1/00 -	7216
Brozka,Robert J	Co-PI	DOD-ARMY-Fort Drum, New York	12/31/02	\$45,594
Shaw,Robert B	Primary PI	Forest Sciences	6/26/00 -	7217
Brozka,Robert J	Co-PI	DOD-ARMY-Corps of Engineers	4/25/01	\$65,081

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Continuation of the Cultural Resources Survey (FDP 1151) & Management at Fort Drum, NY ON-CAMPUS	8/28/00 - 12/31/03	7220 \$8,698
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Continuation of the Cultural Resources Survey (FDP 1151) & Management at Fort Drum, NY OFF-CAMPUS	8/28/00 - 12/31/03	7221 \$91,302
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Wetlands Management Field Support for Fort Drum, New York	8/31/00 - 12/31/03	7222 \$4,312
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Wetlands Management Field Support for Fort Drum, New York	8/31/00 - 12/31/03	7223 \$65,689
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Support for Fort Drum, New York ON-CAMPUS	9/21/00 - 12/31/03	7224 \$1,673
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Support for Fort Drum, New York OFF-CAMPUS	9/21/00 - 12/31/03	7225 \$17,227
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Support for Fort Drum, New York ON-CAMPUS	9/21/00 - 12/31/03	7226 \$1,327
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Support for Fort Drum, New York OFF-CAMPUS	9/21/00 - 12/31/03	7227 \$13,445
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Program Support for Fort Drum, New York ON-CAMPUS	9/29/00 - 12/31/03	7228 \$4,344
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resources Program Support for Fort Drum, New York OFF-CAMPUS	9/29/00 - 12/31/03	7229 \$45,656
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Environmental Compliance Support, SOW 00-22, ON-CAMPUS	9/29/00 - 9/30/03	7230 \$9,406
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Environmental Compliance Support, SOW 00-22, OFF-CAMPUS	9/29/00 - 9/30/03	7231 \$165,594
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Range Control Support for Alaska, ON-CAMPUS	9/15/00 - 9/30/01	7232 \$3,510
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Range Control Support for Alaska, OFF-CAMPUS	9/15/00 - 9/30/01	7233 \$63,490
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Integrated Training Area Management (ITAM) Support ON-CAMPUS	11/15/00 - 9/30/03	7234 \$4,510

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Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Integrated Training Area Management (ITAM) Support ON-CAMPUS	11/15/00 - 9/30/03	7234 \$43,149
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Integrated Training Area Management (ITAM) Support	11/15/00 - 9/30/03	7235 \$82,490
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Integrated Training Area Management (ITAM) Support OFF-CAMPUS	11/15/00 - 9/30/03	7235 \$457,851
Shaw,Robert B	Primary PI Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) for Thomas Thomas Macia	9/16/99 - 9/15/01	7251 \$101,017
Shaw,Robert B	Primary PI Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) for Thomas Thomas Macia	9/16/99 - 9/15/03	7251 \$224,993
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Wildlife Management Program Support	9/7/99 - 12/31/00	7264 \$1,207
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Wildlife Management Program Support - OFF CAMPUS	9/7/99 - 12/31/00	7265 \$13,793
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Technical Field Support for Wetland Management at Fort Drum, New York, ON-CAMPUS	4/1/00 - 12/31/02	7288 \$1,894
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences DOD-ARMY-Fort Drum, New York	Technical Field Support for Wetland Management at Fort Drum, New York, OFF-CAMPUS	4/1/00 - 12/31/02	7289 \$20,192
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Alaska Forest Technical Support & Forest Inventory FWA & FGA ON-CAMPUS	6/1/01 - 9/30/03	7333 \$1,446
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Alaska Forest Technical Support & Forest Inventory FWA & FGA, OFF-CAMPUS	6/1/01 - 9/30/03	7334 \$18,554
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY-Corps of Engineers	Range XXI Program Technological Applications Support for the U S Army Environmental Center, Aberdeen Proving Ground	7/12/99 - 7/11/00	7349 \$2,000
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) for Gary Larsen	7/1/99 - 6/30/03	7385 \$182,209
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Threatened and Endangered Species Management at Fort McCoy, Wisconsin	1/1/00 - 8/31/01	8403 \$32,760
Shaw,Robert B Zeidler,James A	Primary PI Co-PI Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Continuation of Cultural Resources Management Program Support at Elgin Air Force Base, Florida	5/1/00 - 7/8/03	8409 \$64,485

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Integration of RCW Demographic Data in	3/1/00 -	8418
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Population Simulation Models for USA-CERL	9/30/01	\$14,118
Shaw,Robert B	Primary PI	Forest Sciences	Controlling Exotic Plant Species on Fort McCoy,	4/22/00 -	8437
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	WI	8/25/00	\$19,800
Shaw,Robert B	Primary PI	Forest Sciences	Support for Threatened and Endangered Species	5/1/00 -	8439
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Research at USA-CERL	9/30/00	\$18,239
Shaw,Robert B	Primary PI	Forest Sciences	HABS II Documentation of Seven Historic	6/1/00 -	8448
Zeidler,James A	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Buildings for Fort Carson, Colorado	10/31/00	\$2,373
Shaw,Robert B	Primary PI	Forest Sciences	HABS II Documentation of Seven Historic	6/1/00 -	8448
Zeidler,James A	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Buildings for Fort Carson, Colorado	10/31/00	\$237
Shaw,Robert B	Primary PI	Forest Sciences	Development of Habitat-Based Population Studies	7/1/00 -	8454
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	of the Indiana Bat & Gopher Tortoise	9/30/01	\$46,339
Shaw,Robert B	Primary PI	Forest Sciences	Forest Ecology & Management Support at Fort	9/1/00 -	8457
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	A.P. Hill, Virginia	2/28/02	\$5,805
Shaw,Robert B	Primary PI	Forest Sciences	Program Management Support for ARNG Training	8/1/00 -	8458
Doe,William	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support Branch	1/31/02	\$246,855
Shaw,Robert B	Primary PI	Forest Sciences	Wisconsin Army Nat'l Guard Integrated Cultural	7/15/00 -	8459
Zeidler,James A	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Resource Management Plan Implementation for	1/31/01	\$54,000
			Fort McCoy, WI		
Shaw,Robert B	Primary PI	Forest Sciences	AEC Template Integrated Cultural Resources	8/1/00 -	8460
Zeidler,James A	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Mgmt Plan Proj, Phase 3, for Ft McCoy, WI	9/30/03	\$27,000
Shaw,Robert B	Primary PI	Forest Sciences	Exotic Plant Species Management on Fort McCoy,	8/1/00 -	8461
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	WI	12/30/00	\$4,500
Shaw,Robert B	Primary PI	Forest Sciences	Ecosystem & Wildlife Habitat Management on	8/1/00 -	8462
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Fort McCoy, WI	3/5/01	\$23,400
Shaw,Robert B	Primary PI	Forest Sciences	Forest Management Support at Fort Campbell, KY	9/1/00 -	8463
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/02	\$50,278
Shaw,Robert B	Primary PI	Forest Sciences	Senior Conservation Research Support for	7/1/00 -	8464
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Headquarters, Dept of Army	12/31/00	\$64,138
Shaw,Robert B	Primary PI	Forest Sciences	Endangered Species Management Support for	7/1/00 -	8465
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Fort Steward, GA	6/30/01	\$22,500

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Soil Erosion Modeling at Fort McCoy, Wisconsin	9/15/00 -	8466
Warren,Steven D	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/15/01	\$27,000
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management Program	7/1/00 -	8467
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support at Fort Dix, New Jersey	11/1/01	\$63,007
Shaw,Robert B	Primary PI	Forest Sciences	Fish & Wildlife Program Support at Fort Campbell,	8/5/00 -	8468
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Kentucky	8/4/01	\$61,364
Shaw,Robert B	Primary PI	Forest Sciences	Fish & Wildlife Program Support at Fort Campbell,	8/5/00 -	8468
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Kentucky	8/4/01	\$6,136
Shaw,Robert B	Primary PI	Forest Sciences	Cultural Resources Program Management Support	8/1/00 -	8469
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	for Fort Campbell, Kentucky	7/31/01	\$36,000
Shaw,Robert B	Primary PI	Forest Sciences	SERDP Error and Uncertainty Analysis Support	7/15/00 -	8470
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/30/00	\$6,390
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Land Condition Trend Analysis	8/1/00 -	8471
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Aberdeen Proving Ground	9/30/01	\$58,500
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Land Condition Trend Analysis	8/1/00 -	8471
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Aberdeen Proving Ground	9/30/01	\$6,000
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Sampling & Report for Camp Blanding,	8/1/00 -	8472
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Florida	6/30/01	\$30,870
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Sampling & Report for Camp Blanding,	8/1/00 -	8472
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Florida	9/30/02	\$35,036
Shaw,Robert B	Primary PI	Forest Sciences	Sustainability Analysis for USA-CERL Base,	8/15/00 -	8473
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Florida	12/31/00	\$9,450
Shaw,Robert B	Primary PI	Forest Sciences	Range & Training Land Program Coordination	8/1/00 -	8474
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Headquarters, U.S. Army Pacific	12/31/01	\$54,000
Shaw,Robert B	Primary PI	Forest Sciences	Range & Training Land Program Coordination	8/1/00 -	8474
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Headquarters, U.S. Army Pacific	6/30/02	\$90,000
Shaw,Robert B	Primary PI	Forest Sciences	GIS Program Management Support for Completion	9/1/00 -	8475
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	of 91 INRMPs	8/31/00	\$84,451
Shaw,Robert B	Primary PI	Forest Sciences	Printed Environmental Awareness Materials for	9/15/00 -	8476
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	the California Army National Guard	12/31/01	\$18,000
Shaw,Robert B	Primary PI	Forest Sciences	Monitoring Oak Savanna Restoration &	9/15/00 -	8477
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Management at Fort McCoy, Wisconsin	12/31/01	\$90,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Test of Geospatial Data Repository System	9/15/00 -	8478
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Implementation & Design Refinement	12/15/00	\$6,741
Shaw,Robert B	Primary PI	Forest Sciences	Support for Resource Conservation Projects	9/15/00 -	8479
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/30/01	\$21,732
Shaw,Robert B	Primary PI	Forest Sciences	Support for Fort McCoy Fisheries Program	9/15/00 -	8480
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/30/03	\$18,000
Shaw,Robert B	Primary PI	Forest Sciences	Inventory of Forested Lands of Fort Carson, CO	9/1/00 -	8481
Betters,David R	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/00	\$22,500
Shaw,Robert B	Primary PI	Forest Sciences	Inventory of Forested Lands of Pinon Canyon	9/1/00 -	8482
Betters,David R	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Maneuver Site, Colorado	12/31/00	\$22,500
Shaw,Robert B	Primary PI	Forest Sciences	Third Year of Floristic Survey of the Lander &	9/15/00 -	8483
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Lovell Local Training Areas, Wyoming	4/30/02	\$37,800
Shaw,Robert B	Primary PI	Forest Sciences	Support for Natural Resources Management by	9/15/00 -	8485
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Preparation of Outputs	7/15/01	\$13,767
Shaw,Robert B	Primary PI	Forest Sciences	Wind Erosion Model Parameterization & Field	9/15/00 -	8486
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Data Collection	12/31/01	\$30,312
Shaw,Robert B	Primary PI	Forest Sciences	Phase I Archaeological Inventory of Fort McCoy	9/18/00 -	8487
Zeidler,James A	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Wisconsin & Supported Installations	12/31/00	\$7,920
Shaw,Robert B	Primary PI	Forest Sciences	USARAK Natural Resources Award Preparation	9/25/00 -	8488
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/00	\$7,236
Shaw,Robert B	Primary PI	Forest Sciences	Exotic Plant Species & Wildlife Habitat	9/25/00 -	8489
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Management on Fort McCoy, Wisconsin	9/30/01	\$72,585
Shaw,Robert B	Primary PI	Forest Sciences	Environmental Restoration Support Scope of	9/15/00 -	8490
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Work 00-18	9/30/03	\$135,000
Shaw,Robert B	Primary PI	Forest Sciences	Environmental Pollution Prevention Support	9/15/00 -	8491
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Scope of Work 00-20	9/30/03	\$81,180
Shaw,Robert B	Primary PI	Forest Sciences	Environmental Compliance Support Scope of	9/15/00 -	8492
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Work 00-19	9/30/00	\$225,000
Shaw,Robert B	Primary PI	Forest Sciences	Support for Agricultural Outlease Program at Fort	1/15/01 -	8493
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Campbell, Kentucky	1/14/02	\$38,320
Shaw,Robert B	Primary PI	Forest Sciences	Support for Agricultural Outlease Program at Fort	1/15/01 -	8493
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Campbell, Kentucky	1/14/02	\$2,700

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Shaw,Robert B	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Wildfire Management Technical Support for Elgin Air Force Base, Florida	11/15/00 - 12/31/01	8494 \$162,000
Shaw,Robert B	Primary PI	Forest Sciences	Geographic Information System Support	1/1/01 -	8495
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/01	\$54,132
Shaw,Robert B	Primary PI	Forest Sciences	Natural Resources Support to Meet Sikes Act	12/1/00 -	8496
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Requirement for US Army Alaska	9/30/04	\$540,000
Shaw,Robert B	Primary PI	Forest Sciences	Natural Resources Support to Meet Sikes Act	12/1/00 -	8496
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Requirement for US Army Alaska	9/30/04	\$450,000
Shaw,Robert B	Primary PI	Forest Sciences	GIS Support for Endangered Species Management	1/1/01 -	8497
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	for Fort Stewart, Georgia	12/31/01	\$50,297
Shaw,Robert B	Primary PI	Forest Sciences	Land Condition Trend Analysis Program Support	12/15/00 -	8498
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	on Ft. McCoy	1/31/02	\$67,500
Shaw,Robert B	Primary PI	Forest Sciences	USAREUR GIS and Land Management Programs	1/1/01 -	8499
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		7/31/01	\$49,429
Shaw,Robert B	Primary PI	Forest Sciences	Fish & Wildlife Biology Program Support for Fort	3/12/01 -	8500
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Campbell, Kentucky	3/11/02	\$67,500
Shaw,Robert B	Primary PI	Forest Sciences	Develop & Implement an Integrated Asbestos &	2/1/01 -	8501
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Lead Information System	3/18/02	\$69,649
Shaw,Robert B	Primary PI	Forest Sciences	Develop & Implement an Integrated Asbestos &	2/1/01 -	8501
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Lead Information System	3/18/02	\$73,767
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program Coordination Headquarters, U.S.	1/1/01 -	8502
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Army Pacific	6/30/03	\$99,000
Shaw,Robert B	Primary PI	Forest Sciences	Research Services to Assist in the Development	1/16/01 -	8503
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	of Habitat-Based Populations Studies of the	9/30/02	\$67,974
			Indiana Bat		
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management at Fort	6/1/01 -	8504
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Polk, Louisiana	9/30/04	\$328,500
Shaw,Robert B	Primary PI	Forest Sciences	Fort Bragg Cultural Resources Support	3/1/01 -	8505
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		2/28/02	\$152,295
Zeidler,James A	Co-PI				
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management Program	6/1/01 -	8506
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for US Army Hawaii	5/31/03	\$189,941

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Fort Bragg Cultural Resources Support	3/1/01 - 8507
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		2/28/02 \$203,067
Zeidler,James A	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Phase II Archaeological Inventory of Fort McCoy, WI, & Supported Installations	4/1/01 - 8508
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		3/30/02 \$49,500
Zeidler,James A	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Phase I Archaeological Inventory of Fort McCoy, WI, & Supported Installations	3/1/01 - 8509
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/30/01 \$23,400
Zeidler,James A	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Cultural Resources Management Plan Project for US Army Reserve at Ft. McCoy, WI	3/1/01 - 8510
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		3/30/02 \$112,500
Zeidler,James A	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Forest Management Support at Fort Campbell, KY	4/1/01 - 8511
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/02 \$151,004
Shaw,Robert B	Primary PI	Forest Sciences	Technical Support to Update Remote Sensing User's Guide for USA-CERL	3/1/01 - 8512
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		11/30/01 \$32,400
Brozka,Robert J	Co-PI			
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management Program Technical & Field Assistance	4/1/01 - 8513
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		3/31/03 \$87,300
Shaw,Robert B	Primary PI	Forest Sciences	Land Condition Trend Analysis Technical Support for the CA Army National Guard at Camp Roberts	3/26/01 - 8514
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/01 \$35,397
Shaw,Robert B	Primary PI	Forest Sciences	Ecological Monitoring & Wildfire Management Technical Support for Elgin Air Force Base, FL	4/27/01 - 8515
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		2/28/02 \$93,600
Shaw,Robert B	Primary PI	Forest Sciences	Land Condition Trend Analysis & Report for Camps Beauregard, Minden & Villere	5/15/01 - 8516
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		3/31/02 \$36,986
Shaw,Robert B	Primary PI	Forest Sciences	Efficiency Study of the Environmental Compliance Program, Island of Oahu	4/15/01 - 8517
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		1/31/04 \$395,793
Shaw,Robert B	Primary PI	Forest Sciences	Fisheries Management at Fort McCoy	4/30/01 - 8518
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/1/03 \$26,100
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Program Support for Fort Stewart, Georgia	6/1/01 - 8519
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/25/02 \$38,970

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Field Crew Leader Support for Fort Stewart, Georgia	4/26/01 -	8520
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/25/02	\$43,063
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Field Crew Support for Fort Stewart, Georgia	4/1/01 -	8521
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		10/31/01	\$31,918
Shaw,Robert B	Primary PI	Forest Sciences	GIS Program Support for Fort Stewart, Georgia	9/28/01 -	8522
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/25/02	\$26,304
Shaw,Robert B	Primary PI	Forest Sciences	Assessment of Asbestos & Lead Hazards to the 25th ID(L) & US Army, Hawaii Operations & Maintenance Program	6/1/01 -	8523
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		7/1/02	\$72,757
Shaw,Robert B	Primary PI	Forest Sciences	Technical Support for Fish & Wildlife Management, Endangered Species Management, Nat'l Environmental	5/1/01 -	8524
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		5/31/04	\$337,500
Shaw,Robert B	Primary PI	Forest Sciences	ITAM Program support for Fort Stewart, Georgia	9/24/01 -	8525
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		4/25/02	\$37,476
Shaw,Robert B	Primary PI	Forest Sciences	Environmental Awareness Materials for Fort Polk, Louisiana	4/11/01 -	8526
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/01	\$7,279
Shaw,Robert B	Primary PI	Forest Sciences	Land Condition Trend Analysis Program Support for Mort McCoy, Wisconsin	4/16/01 -	8527
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		7/31/02	\$173,700
Shaw,Robert B	Primary PI	Forest Sciences	Integrated Training Area Management Program Support for Aberdeen Proving Ground	8/1/01 -	8528
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		7/30/02	\$49,546
Shaw,Robert B	Primary PI	Forest Sciences	Surveys for Invasive Plants at Lander Training Area & Camp Guernsey, WY	5/15/01 -	8529
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/02	\$19,252
Shaw,Robert B	Primary PI	Forest Sciences	Surveys for Invasive Plants at Lovell & Sheridan Training Areas, WY	5/15/01 -	8530
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/02	\$20,122
Shaw,Robert B	Primary PI	Forest Sciences	Update of Soldier Feld Card for Camp Guernsey, WY	5/15/01 -	8531
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		8/31/01	\$4,809
Shaw,Robert B	Primary PI	Forest Sciences	Ecological Management & Restoration at Eglin Air Force Base, FL	7/1/01 -	8532
		USDA-USFS-Rocky Mtn. Rsrch Station - CO		10/31/02	\$21,600
Shaw,Robert B	Primary PI	Forest Sciences	Research & Development of the 25th ID & USARHAW Underground Storage Tank & Solid Waste...	7/1/01 -	8533
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/02	\$69,185

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Shaw,Robert B	Primary PI	Forest Sciences	Controlling Exotic Plant & Habitat Management	5/7/01 -	8534
Brozka,Robert J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	on Fort McCoy, WI	11/30/01	\$38,250
Shaw,Robert B	Primary PI	Forest Sciences	Forest Management Support for Fort McCoy, WI	6/1/01 -	8535
		USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/1/01	\$6,730
Shaw,Robert B	Primary PI	Forest Sciences	LCTA Program Support for Yuma Proving Ground,	7/1/01 -	8536
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Arizona	9/30/02	\$61,096
Shaw,Robert B	Primary PI	Forest Sciences	Environmental Assessment for Training	4/10/01 -	8537
Bagley,Calvin F	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Construction Wyoming Army National Guard	2/4/02	\$35,688
Smith,Frederick W	Primary PI	Forest Sciences	Landscape Sustainability of Aspen on the	9/15/00 -	8738
		USDA-USFS-Forest Research	Uncompahgre Plateau	9/30/02	\$24,699
Smith,Frederick W	Primary PI	Forest Sciences	Monitoring Fire Effects & Vegetation Recovery	3/28/01 -	8873
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	on the Jasper Fire	2/28/06	\$344,394
Stafford,Susan G	Primary PI	Forest Sciences	Web-Based Integration of Distributed Research	2/1/99 -	3445
		Oregon State University	Databases	8/31/00	\$13,759
Warren,Steven D	Primary PI	Forest Sciences	Arid land Reclamation Technologies for Fort	8/2/00 -	3926
		Bechtel Corporation *	Irwin, California	11/15/00	\$12,595
Warren,Steven D	Primary PI	Forest Sciences	Identification of Biological Soil Crust Organisms	6/22/01 -	3934
Kugrens,Paul	Collaborator	University of Nevada	at the Nevada Test Site	12/31/01	\$14,000
Warren,Steven D	Primary PI	Forest Sciences	Services to Schedule & Attend Meetings between	6/18/01 -	3935
		Bechtel Corporation	Bechtel Nevada & United States Military	12/30/01	\$17,107
			Installations		
Bright,Alan	Primary PI	Nat Res Recreation & Tourism	Public Attitudes Towards Forest Management in	8/15/00 -	8822
		USDA - US Department of Agriculture	the North Central United States: An Examination	12/31/02	\$33,991
			of the Effects of ...		
Bright,Alan	Primary PI	Nat Res Recreation & Tourism	Recreationists' Acceptability Norms toward Fire	3/1/01 -	8872
Vaske,Jerry J	Co-PI	USDA - US Department of Agriculture	Management	3/1/03	\$65,000
Haas,Glenn E	Primary PI	Nat Res Recreation & Tourism	Interagency Recreation Capacity Task Force	7/10/00 -	1614
		DOI-NPS-National Park Service	Intergovernmental Personnel Act	5/20/01	\$26,202
Haas,Glenn E	Primary PI	Nat Res Recreation & Tourism	Boater Recreation at Falls, & Jordan Lake & North	6/3/99 -	7366
		DOD - US Department of Defense	Central Portion of the Nutbush Arm of Lake Kerr	11/30/00	\$21,840
Haas,Glenn E	Primary PI	Nat Res Recreation & Tourism	Boater Recreation at Falls, & Jordan Lake & North	6/3/99 -	7366
		DOD - US Department of Defense	Central Portion of the Nutbush Arm of Lake Kerr	11/30/00	\$10,920

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Haas,Glenn E	Primary PI	Nat Res Recreation & Tourism DOD - US Department of Defense	Boater Recreation at Falls, & Jordan Lake & North Central Portion of the Nutbush Arm of Lake Kerr	6/3/99 - 5/31/01	7366 \$9,000
Haas,Glenn E	Primary PI	Nat Res Recreation & Tourism DOD-ARMY-Corps of Engineers	Study of Boater Recreation at Lake Sonoma, Sonoma County, California	6/24/99 - 3/31/01	7368 \$10,000
Manfredo,Michael J	Primary PI	Nat Res Recreation & Tourism DOI-NPS-National Park Service	Public Response to Elk Management Alternatives	6/1/00 - 9/1/01	2861 \$60,000
Manfredo,Michael J Wallace,George N	Primary PI Co-PI	Nat Res Recreation & Tourism USDA - US Department of Agriculture	International Seminar on Protected Area Management	8/22/00 - 9/30/00	8770 \$10,000
Rodriguez,Donald A Bright,Alan	Primary PI Co-PI	Nat Res Recreation & Tourism DOI-NPS-National Park Service	Minority Visitor Use Patterns at Rocky Mountain National Park; An Examination of Barriers & Constraints	7/1/00 - 6/1/02	2888 \$49,450
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 - 9/30/03	1834 \$91,943
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 - 5/30/01	2859 \$25,000
Titre,John P Vaske,Jerry J	Primary PI Co-PI	Nat Res Recreation & Tourism USDA-USFS-Rocky Mtn. Rsrch Station - CO	The Role of Landscape Attributes in the Formation of Attachment to Water-Based Recreation	8/22/00 - 10/31/01	8829 \$15,000
Vaske,Jerry J Donnelly,Maureen P Lehto,Xinran You	Primary PI Co-PI Co-PI	Nat Res Recreation & Tourism DOI-NPS-National Park Service	Visitor Crowding Studies at Congested Areas of Rocky Mountain National Park	7/1/00 - 7/1/02	1887 \$39,961
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 - 6/22/01	2893 \$17,717
Wallace,George N Bright,Alan	Primary PI Co-PI	Nat Res Recreation & Tourism Colorado Department of Agriculture	Public Attitudes Toward Agriculture in Colorado	4/15/01 - 6/30/01	0490 \$15,000
Wallace,George N	Primary PI	Nat Res Recreation & Tourism National Fish and Wildlife Foundation	Conservation Policy and Stakeholder Involvement: Tilting the Balance for Marine Turtles	3/1/00 - 3/31/01	1616 \$6,000
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 - 7/31/01	2215 \$18,780
Wells,Marcella D	Primary PI	Nat Res Recreation & Tourism City of Fort Collins - Fort Fund	Classical Arts on the Prairie	2/21/01 - 2/20/02	5033 \$4,000

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
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 \$25,000
Baron,Jill	Primary PI	Natural Resource Ecology Lab EPA-Environmental Educ & Training Prog	Processes Controlling Nitrogen Retention & Export in High Elevation Rocky Mountain Watersheds	8/24/98 - 8/31/01	5865 \$8,416
Baron,Jill	Primary PI	Natural Resource Ecology Lab USDA - US Department of Agriculture	Assessing Surface Water Sensitivity to Atmospheric Deposition in Wilderness Areas of Nevada, Idaho, Utah, Wyoming	9/11/00 - 7/11/01	8791 \$26,195
Binkley,Daniel E	Primary PI	Natural Resource Ecology Lab	Support for Global Change Research Program	5/13/99 -	2895
Stohlgren,Thomas J	Co-PI	DOI-USGS-Research and Data Acquisition		6/30/01	\$7,401
Binkley,Daniel E	Primary PI	Natural Resource Ecology Lab	Support for Global Change Research Program	5/13/99 -	2895
Stohlgren,Thomas J	Co-PI	DOI-USGS-Research and Data Acquisition		6/30/01	\$38,000
Binkley,Daniel E	Primary PI	Natural Resource Ecology Lab	National Parks Vital Sign Project	2/25/00 -	5331
Stohlgren,Thomas J	Co-PI	National Parks & Conservation Assoc.		6/30/01	\$34,011
Binkley,Daniel E	Primary PI	Natural Resource Ecology Lab	Implementation of National Forest Health Monitoring Protocol for Understanding	6/1/00 -	8780
Stohlgren,Thomas J	Co-PI	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Vegetation Sampling	4/30/01	\$5,265
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 - 2/28/02	1908 \$115,866
Conant,Richard T	Primary PI	Natural Resource Ecology Lab Environmental Resources Trust	An Integrated Approach to Develop Baseline Soil Carbon Content in Semiarid Eastern Oregon	1/12/01 - 3/31/02	5344 \$19,953
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	6/1/97 - 5/30/02	1705 \$80,748
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Maasai Settlement, Landscape Mosaics, & the Spatial Patterning of Vegetation & Wildlife in East African Savannas	5/1/01 - 10/31/02	3255 \$20,000
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab University of Alaska at Fairbanks	Modeling Spatial Plant-Herbivore Interactions in the Yukon Delta	3/1/00 - 5/31/01	3410 \$6,000
Ellis,James	Primary PI	Natural Resource Ecology Lab	Assessments of Livestock-Wildlife Interactions In	1/1/01 -	9012
Galvin,Kathleen	Co-PI	University of California at Davis	East Africa	4/13/01	\$50,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Galvin,Kathleen	Primary PI	Natural Resource Ecology Lab	Uses of Climate Forecast Information in the	7/1/98 -	1281
Ellis,James	Co-PI	DOC-NOAA-NWS-National Weather Service	Livestock Sector of the Arid Regions of South Africa	6/30/01	\$114,531
Gross,John E	Primary PI	Natural Resource Ecology Lab	Effects of Forest Fragmentation on Community	8/23/00 -	5909
Boone,Randall B	Co-PI	University of Minnesota	Structure & Metapopulation Dynamics of Amphibians	11/30/02	\$38,497
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab	Characterization & Improvement of Earth	3/1/98 -	2723
		University of Nebraska	Observing Systems Land Products...	2/28/02	\$34,527
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	The Role of Habitat in the Decline of Mule Deer in	9/14/99 -	0450
Theobald,David M	Co-PI	Colorado Division of Wildlife	Colorado	6/30/02	\$227,000
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Support & Maintenance of Natural Diversity	7/1/99 -	0451
		Colorado Division of Wildlife	Information System	6/30/02	\$533,772
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Support & Maintenance of Natural Diversity	7/1/99 -	0493
		Colorado Division of Wildlife	Information System	6/30/02	\$384,614
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab **	The Role of Habitat in the Decline of Mule Deer in	9/14/99 -	0502
Theobald,David M	Co-PI	Colorado Division of Wildlife	Colorado	6/30/04	\$196,417
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Willow Persistence in Yellowstone National Park:	4/1/01 -	1762
Cooper,David Jonathan	Co-PI	DOI-USGS-Geological Survey	Interactive Effects of Climate, Hydrology &	3/31/05	\$90,000
Singer,Francis J	Co-PI		Herbivory		
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Estimation of Mule Deer Population Size, Survival,	5/1/01 -	1830
		DOI-NPS-National Park Service	& a Description of Mule Deer Movements in	9/30/03	\$64,055
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	A Synthesis of Data, Model-based Analyses &	4/1/00 -	2834
Singer,Francis J	Co-PI	DOI-USGS-Research and Data Acquisition	Refinements of Possible Management Scenarios	3/31/02	\$12,340
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	A Synthesis of Data, Model-based Analyses &	4/1/00 -	2834
Singer,Francis J	Co-PI	DOI-USGS-Research and Data Acquisition	Refinements of Possible Management Scenarios	3/31/02	\$54,870
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Collaborative Research: Responses of Mammalian	5/15/00 -	3058
		NSF-Biological Sciences	Herbivores to Spatial Heterogeneity Expressed at	4/30/03	\$116,900
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab	Spatial & Temporal Dynamics of Prion Disease in	9/15/00 -	3146
		NSF-Biological Sciences	Wildlife: Responses to Changing Land Use	8/31/05	\$468,319
Johnson,Brett Michael	Primary PI	Natural Resource Ecology Lab	Air Quality Research on Department of Interior	6/1/00 -	2886
Baron,Jill	Co-PI	DOI-USGS-Research and Data Acquisition	Lands	5/31/01	\$58,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Kalkhan,Mohammed	Primary PI	Natural Resource Ecology Lab	Landscape Assessment of Native & Exotic Plant	3/1/00 -	2863
Reich,Robin M	Co-PI	DOI-BLM-Bureau of Land Management	Diversity & Cryptobiotic Crusts in the Grand	2/28/05	\$100,000
Stohlgren,Thomas J	Co-PI		Staircase-Escalante		
Kalkhan,Mohammed	Primary PI	Natural Resource Ecology Lab	Landscape Assessment of Native & Exotic Plant	3/1/00 -	2863
Reich,Robin M	Co-PI	DOI-BLM-Bureau of Land Management	Diversity & Cryptobiotic Crusts in the Grand	2/28/05	\$175,000
Stohlgren,Thomas J	Co-PI		Staircase-Escalante		
Kalkhan,Mohammed	Primary PI	Natural Resource Ecology Lab	Predicting Exotic Plant Species Locations in	9/1/00 -	2864
Reich,Robin M	Co-PI	DOI-USGS-Research and Data Acquisition	Rocky Mountain National Park	8/31/02	\$34,810
Stohlgren,Thomas J	Co-PI				
Milchunas,Daniel G	Primary PI	Natural Resource Ecology Lab	Collaborative Research: Effects of Different-Sized	10/1/00 -	3142
		NSF-Biological Sciences	Grazers on Nitrogen Cycling Across a Grassland	9/30/04	\$64,604
			Productivity Gradient		
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab	Using Multi-Sensor Data to Model Factors	6/1/97 -	1944
Parton,William J	Co-PI	NASA - Natl Aeronautics & Space Admin.	Limiting Carbon Balance in Global Arid...	5/31/01	\$472,000
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab	Integrated Nitrogen Cycle Analysis of Land Use	9/1/96 -	3430
		UCAR-NCAR-Nat Ctr for Atmospheric Res	Practices in the U.S. & China	1/1/01	\$5,612
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab	Developing Supply Curves for Net Agricultural	9/15/00 -	3933
		Texas A & M	Greenhouse Gas...	9/14/01	\$30,000
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab	Ecological, Climatic, Economic, & Socio-Cultural	7/1/98 -	9347
Parton,William J	Co-PI	University of Nebraska	Drivers of Land-Use Changes in...	6/30/01	\$80,000
Parton,William J	Primary PI	Natural Resource Ecology Lab	Long-Term Impact of Elevated CO2 on the	1/22/01 -	2066
Ojima,Dennis	Co-PI	USDA-ARS-Agricultural Research Service	Shortgrass Steppe	1/19/06	\$146,664
Parton,William J	Primary PI	Natural Resource Ecology Lab	Long-Term Ecological Measurements in Loch Vale	4/1/99 -	2804
Baron,Jill	Co-PI	DOI-USGS-Research and Data Acquisition	Watershed, Rocky Mountain National Park	8/31/01	\$30,000
Parton,William J	Primary PI	Natural Resource Ecology Lab	Long-Term Ecological Measurements in Loch Vale	4/1/99 -	2804
Baron,Jill	Co-PI	DOI-USGS-Research and Data Acquisition	Watershed, Rocky Mountain National Park	8/31/01	\$33,500
Parton,William J	Primary PI	Natural Resource Ecology Lab	Responses of Hydrologic & Aquatic Ecosystem	5/1/99 -	2869
Baron,Jill	Co-PI	DOI-USGS-Research and Data Acquisition	Processes to Potential Climate Change	4/30/01	\$60,000
Parton,William J	Primary PI	Natural Resource Ecology Lab	Population & Environment in the U.S. Great Plains	8/1/96 -	7524
Galvin,Kathleen	Co-PI	University of Texas at Austin		7/31/01	\$138,098
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab	U.S. Agroecozones using GIS Colorado	5/21/96 -	2074
		USDA-ARS-Agricultural Research Service		5/16/01	\$50,000

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	U.S. Agroecozones using GIS Colorado 5/21/96 - 5/16/01	2074 \$103,550
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...	9/30/96 - 6/30/02 2090 \$20,000
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...	9/30/96 - 6/30/02 2090 \$30,000
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	1/2/00 - 5/31/03 3049 \$198,044
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab Montana State University	Economically Optimal Spatial Scales for Integrated Assessment of Agricultural Production Systems	6/15/00 - 11/30/02 3413 \$131,083
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab Battelle, Pacific Northwest Laboratories	Collaborative Research with Department of Energy's Center for Research on Enhancing Carbon Sequestration in Terrestrial..	10/28/99 - 9/30/01 3914 \$60,000
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab Midwest Research Institute - NREL	Modeling of the Effects of Corn Stover Collection on Soil Carbon Sequestration & Other Aspects of Soil Sustainability	8/29/00 - 3/29/01 3927 \$62,134
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab EPA-Surveys, Studies, Investigations	Consortium for Agriculture Soil Mitigation of Greenhouse Gases	6/1/00 - 5/31/01 5803 \$332,500
Paustian,Keith H Elliott,Edward T	Primary PI Co-PI	Natural Resource Ecology Lab EPA-Surveys, Studies, Investigations	Quantifying Carbon Sequestration Potential Through Improved Pasture Management	6/1/98 - 5/31/01 5863 \$147,830
Paustian,Keith H Elliott,Edward T	Primary PI Co-PI	Natural Resource Ecology Lab Michigan State University	Soil Organic Matter Dynamics & Management Decision Making in an Enriched CO2 Environment...	9/15/97 - 9/14/00 9342 \$10,000
Paustian,Keith H Elliott,Edward T	Primary PI Co-PI	Natural Resource Ecology Lab University of Nebraska	Agroecosystem Boundaries & C Dynamics with Global Change in the Central United States	7/1/98 - 6/30/01 9348 \$99,885
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 - 1/31/02 4102 \$42,000
Simmons,Carol L	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Quality Review & Quality Assurance of Information Submitted to the BRD Science Information System by the Cooperative...	7/1/00 - 6/30/01 4103 \$40,684

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Simmons,Carol L	Primary PI	Natural Resource Ecology Lab DOI-National Biological Survey	Global Change Data Center 5/16/95 - 12/31/00	4152 \$5,000
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 \$39,938
Six,Johan W	Primary PI	Natural Resource Ecology Lab	Soil Carbon Saturation: Determining Limits on Carbon Sequestration Capacity 9/15/00 -	3802
Conant,Richard T	Co-PI	DOE-Basic Energy Sci / Univ & Sci Educ	9/14/04	\$308,937
Paustian,Keith H	Co-PI			
Slusser,James R	Primary PI	Natural Resource Ecology Lab University of Alaska at Fairbanks	Interannual Variability of UV Irradiance, Ozone & Aerosol Chemistry in the Arctic 5/1/00 - 4/30/02	1106 \$35,155
Slusser,James R	Primary PI	Natural Resource Ecology Lab University of Alaska at Fairbanks	Interannual Variability of UV Irradiance, Ozone & Aerosol Chemistry in the Arctic 5/1/00 - 4/30/01	1106 \$62,389
Slusser,James R	Primary PI	Natural Resource Ecology Lab	Development & Management of a USDA UVB Monitoring Program 9/15/99 -	1416
Bigelow,David S	Co-PI	USDA-CSRS-SRG-Special Research Grants	9/30/01	\$935,499
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 - 6/14/02	1925 \$69,728
Stohlgren,Thomas J	Primary PI	Natural Resource Ecology Lab	Rocky Mountain Network Inventory & Monitoring Program 4/30/00 -	2838
Noon,Barry R	Co-PI	DOI-NPS-National Park Service	12/31/00	\$3,000
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	3423 \$193,876
Wall,Diana H	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Soil Biodiversity & Litter Decomposition Network 9/15/00 - 8/31/01	3160 \$50,000
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Ohio State University	McMurdo Long Term Ecological Research 4/1/00 - 3/31/02	3411 \$90,500
Wall,Diana H	Primary PI	Natural Resource Ecology Lab University of Wyoming	Nematode-Destroying Fungi of Costa Rica 10/1/00 - 9/30/03	3412 \$14,993
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Identifying Ecosystem Controls on Biodiversity: a US & UK Project (Collaborative Research) 9/15/98 -	3606
Hunt,H William	Co-PI	NSF-Biological Sciences	8/31/02	\$296,078
Parsons,Andrew N	Co-PI			
Wall,Diana H	Primary PI	Natural Resource Ecology Lab	Identifying Ecosystem Controls on Biodiversity: a US & UK Project (Collaborative Research) 9/15/98 -	3606
Hunt,H William	Co-PI	NSF-Biological Sciences	8/31/02	\$68,600
Parsons,Andrew N	Co-PI			

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## Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Soil Science Society of America (SSSA)	Global Litter Decomposition Experiment 11/16/00 - 10/15/01	5184 \$8,700
Wall,Diana H Adams,Gina A	Primary PI Co-PI	Natural Resource Ecology Lab Winslow Foundation	IBOY Secretariat Core Operating Costs 6/27/00 - 1/1/03	5241 \$100,000
Wall,Diana H Adams,Gina A	Primary PI Co-PI	Natural Resource Ecology Lab Bay Foundation	Building Bridges for Biodiversity 4/15/01 - 4/15/02	5416 \$15,000
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Intl Council of Scientific Unions	DIVERSITAS International Biodiversity Observation Year - 2001 8/1/99 - 9/30/01	5756 \$34,975
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Species Responses to Changes in Climate 5/1/01 - 8/31/02	3269 \$160,000
Bartlett,Ellsworth T	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	The Value of Forest Service Grazing and Range Use 9/18/00 - 8/31/01	8706 \$12,000
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 \$45,455
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 \$44,643
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Erosional Soil Loss & Its Effects on Rangeland Health & Productivity 6/18/97 - 4/15/02	2102 \$2,100
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Vegetation Cover Project - Front Range Center 5/14/00 - 9/30/00	2839 \$7,024
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 \$10,000
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 - 6/30/01	8746 \$39,600
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Evaluation of Animal Vegetation Models 9/25/00 - 6/1/01	8768 \$28,052
Paschke,Mark W Redente,Edward F	Primary PI Co-PI	Rangeland Ecosystem Science Colorado Dept Public Health & Environ	Evaluation of the Long-term Effects of Biosolids on Revegetation in Northwestern Colorado 5/14/01 - 10/30/01	0492 \$18,788
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 \$126,909

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Redente,Edward F	Primary PI	Rangeland Ecosystem Science Colorado Department of Natural Resources	Shrub Establishment Study	7/1/00 - 6/30/01	0008 \$20,000
Redente,Edward F	Primary PI	Rangeland Ecosystem Science DOI-NPS-National Park Service	Watershed Restoration in Degraded Pinyon- Juniper Woodlands	10/1/99 - 10/1/01	2802 \$5,000
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 \$17,000
Roath,L Roy	Primary PI	Rangeland Ecosystem Science Colorado Division of Wildlife	Habitat Management Support in the Colorado Division of Wildlife	7/31/00 - 6/30/01	0460 \$35,340
Roath,L Roy	Primary PI	Rangeland Ecosystem Science Wyoming Game & Fish Department	Habitat Management Programming in Wyoming	9/11/00 - 6/30/01	5026 \$1,353
Roath,L Roy	Primary PI	Rangeland Ecosystem Science Wyoming Game & Fish Department	Habitat Management Programming in Wyoming	9/11/00 - 6/30/01	5026 \$25,100
Roath,L Roy	Primary PI	Rangeland Ecosystem Science Wyoming Game & Fish Department	Habitat Management Programming in Wyoming	9/11/00 - 6/30/02	5108 \$25,100
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science DOI-NPS-National Park Service	Assess Range Condition & Trend on Mantle Grazing Allotment in Dinosaur National Monument	6/1/01 - 7/1/02	1836 \$23,682
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Great Plains Farm and Ranch Management	7/1/00 - 9/30/04	2020 \$53,580
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Great Plains Farm and Ranch Management	7/1/00 - 9/30/04	2020 \$15,000
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science	Greenhorn Riparian Monitoring	7/12/00 -	8798
Mergen,Daryl	Co-PI	USDA - US Department of Agriculture		12/31/01	\$13,607
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 - 9/30/01	4107 \$6,061
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 \$27,273

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## Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	Role of Actin Depolymerizing Factor ( ADF) Phosphorylation in Neuronal Development	12/1/84 - 3/31/04	7839 \$259,785
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio HHS-NIH-National Institutes of Health	Role of ADF Phosphorylation in Neuronal Development (Supplement)	12/1/84 - 3/31/04	7867 \$14,861
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Kidney Dis., Urology/Hematology	Mechanism of pH-Response in PCK Gene Expression	4/1/91 - 6/30/01	7736 \$159,032
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Kidney Dis., Urology/Hematology	Mechanism of pH-Response in PCK Gene Expression	4/1/91 - 6/30/01	7736 \$53,011
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Diabetes, Endocrin. & Metab. Res	Control of Renal Glutaminase Induction During Acidosis	8/25/97 - 3/31/02	7762 \$213,938
Laybourn,Paul J Curthoys,Norman P	Primary PI Co-PI	Biochemistry & Molecular Bio NSF-Biological Sciences	REU Site: Undergraduate Research in Molecular Biosciences	6/1/99 - 5/31/02	3572 \$8,550
Laybourn,Paul J Nyborg,Jennifer K	Primary PI Co-PI	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	Tax Transactivation in the Context of Chromatin	7/1/00 - 6/30/01	5579 \$24,000
Luger,Karolin	Primary PI	Biochemistry & Molecular Bio Searle Scholars Program	X-Ray Crystallographic Studies on Transcription Factor Binding in a Nucleosomal Context	7/1/99 - 6/30/02	5539 \$60,000
Luger,Karolin	Primary PI	Biochemistry & Molecular Bio Human Frontier Science Program	The Molecular Function of an Essential Histone Variant	9/1/00 - 3/31/03	5721 \$57,480
Luger,Karolin	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	Structure of Nucleosomes Containing Variant Histones	8/1/00 - 7/31/05	7845 \$211,136
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio CIRB-Colo. Inst.of Research in Biotech.	Colorado Institute for Research in Biotechnology Fellowship for K.M. Campbell	7/1/00 - 6/30/01	0171 \$8,000
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	Structural Basis of Transcriptional Activation by CREB-Binding Protein	7/1/00 - 6/30/01	5584 \$30,000
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio American Chemical Society	Macromolecular Recognition by Unstructured Heteropolymers	9/1/00 - 8/31/02	5599 \$60,000
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Mechanism of Cyclin A-Cdk2 Inhibition by p57	1/1/97 - 12/31/01	7699 \$106,715
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Dereglulation of Gene Expression Through CBP	1/1/99 - 12/31/03	7602 \$3,615
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Dereglulation of Gene Expression Through CBP	1/1/99 - 12/31/01	7602 \$120,495

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Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Deregluation of Gene Expression Through CBP	1/1/99 - 12/31/01	7646 \$250,500
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Deregluation of Gene Expression Through CBP	1/1/99 - 12/31/03	7646 \$7,401
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio	Tax Transactivation in the Context of Chromatin	3/1/01 -	7659
Laybourn,Paul J	Co-PI	HHS-NIH-National Institutes of Health		2/28/06	\$226,898
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Transcriptional Regulation by the HTLV I Tax Protein	12/15/93 - 11/30/01	7782 \$7,127
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Transcriptional Regulation by the HTLV I Tax Protein	12/15/93 - 11/30/01	7782 \$239,340
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bio	Tax Transactivation in the Context of Chromatin	3/1/01 -	7868
Laybourn,Paul J	Co-PI	HHS-NIH-National Institutes of Health		2/28/06	\$21,750
Paule,Marvin R	Primary PI	Biochemistry & Molecular Bio US Department of Education	Graduate Training in Biochemistry & Molecular Biology	8/15/01 - 8/14/04	4204 \$115,428
Paule,Marvin R	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	RNA Polymerase I Transcription & Regulation Mechanisms	4/1/79 - 11/30/04	7721 \$300,589
Paule,Marvin R	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	RNA Polymerase I Transcription & Regulation Mechanisms	4/1/79 - 11/30/04	7721 \$31,074
Schenck,Craig C	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	Membrane Proteins: Structure, Dynamics & Stability	2/1/00 - 1/31/04	7823 \$370,350
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bio March of Dimes	Mechanisms of Transcriptional Regulation in Vivo	6/1/00 - 5/31/03	5236 \$63,576
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Genetic Analysis of Transcription Initiation	1/1/98 - 12/31/01	7781 \$205,616
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Genetic Analysis of Transcription Initiation	1/1/98 - 12/31/02	7781 \$6,062
Summers,Scott A	Primary PI	Biochemistry & Molecular Bio March of Dimes Birth Defects Foundation	The Serine/Threonine Kinase Akt/PKB - Looking Downstream	2/1/01 - 1/31/03	5411 \$150,000
Summers,Scott A	Primary PI	Biochemistry & Molecular Bio American Heart Association	Molecular Mechanisms of Insulin Resistance & Obesity: A New Approach	7/1/00 - 6/30/02	5669 \$29,976
Summers,Scott A	Primary PI	Biochemistry & Molecular Bio University of Colorado Health Sci Ctr	The Role of Sphingolipids in Insulin Action	6/1/00 - 12/31/00	7526 \$19,983

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Tu,Anthony T	Primary PI Biochemistry & Molecular Bio CRDF Civilian Rsrch & Dvlpmt Foundation	Venom-Producing Animals in the Fauna of Uzbekistan Fundamental & Applied Aspects	9/1/00 - 8/31/01	5726 \$6,000
Woody,Robert W	Primary PI Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	Optical Properties of Biological Macromolecules	12/1/76 - 11/30/03	7822 \$245,804
Baker,Myron C	Primary PI Biology NSF - National Science Foundation	Animal Culture - Vocal Signal Function	2/1/01 - 1/31/04	3191 \$59,947
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 \$5,000
Bedinger,Patricia A	Primary PI Biology NSF - National Science Foundation	The Role of Pollen Extension Chimeras in Pollen- pistil Interactions	2/15/01 - 1/31/02	3204 \$142,755
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 - 1/31/02	3242 \$6,000
Herbers,Joan M	Primary PI Biology USDA-ARS-Agricultural Research Service	Preservation & Assessment of Genetic Variability of Natural Populations of Zizania spp.	4/30/99 - 9/30/03	2084 \$22,500
Herbers,Joan M	Primary PI Biology USDA-ARS-Agricultural Research Service	Preservation & Assessment of Genetic Variability of Natural Populations of Zizania spp.	4/30/99 - 9/30/02	2084 \$7,600
Herbers,Joan M Judd,Timothy M	Primary PI Co-PI NSF - National Science Foundation	Dissertation Research: Nutritional Ecology of Social Insects	5/1/01 - 4/30/02	3263 \$3,633
Kugrens,Paul	Primary PI Biology CH2M Hill	Risk Assessment of the Miami-Dade Northwest Well Field	12/1/00 - 8/31/01	6110 \$3,000
Mykles,Donald L	Primary PI Biology NSF-Biological Sciences	Regulation of Fiber Switching in Lobster Muscle	8/1/00 - 8/31/03	3134 \$301,149
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 \$8,290
Mykles,Donald L	Primary PI Biology NSF-Biological Sciences	Characterization of a Limb Autotomy Factor, LAFpro, that Suspends Molting in...	8/1/99 - 7/31/02	3593 \$92,107
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 \$37,516
Pilon,Marinus	Primary PI Biology NSF - National Science Foundation	Metal Homeostasis & Tolerance in Plant Chloroplast the Role of PAA1 & AtCutA	4/1/01 - 3/31/02	3231 \$110,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 - 3/31/02	3279 \$9,300
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 \$112,407
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 \$10,000
Pilon-Smits,Elizabeth A.	Primary PI Biology EPA-Environmental Protection-Consol Res	Using Genetically Engineered Plants to Elucidate Factors Controlling Heavy Metal Tolerance...	7/1/99 - 6/30/01	5868 \$122,452
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 \$106,524
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 \$112,751
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 \$4,500
Poff,N. Leroy	Primary PI Biology Maryland University	Land Development Over Time & Space: Economic & Hydrologic/Geomorphic Drivers of Ecological Structure	6/1/00 - 5/31/03	5913 \$8,195
Poff,N. Leroy	Primary PI Biology Maryland University	Land Development Over Time & Space: Economic & Hydrologic/Geomorphic Drivers of Ecological Structure	6/1/00 - 5/31/03	5913 \$9,437
Reddy,Anireddy S N	Primary PI Biology CCHE-Commission on Higher Education	Evaluation of Synthetic Peptides Against Plant Pathogens to Develop Improved Biocontrol Agents	7/1/00 - 6/30/01	0169 \$19,995
Reddy,Anireddy S N Mykles,Donald L Sadeh,Willy Z	Primary PI Co-PI Co-PI Biology NASA - Natl Aeronautics & Space Admin.	Gravity-Induced Changes in Gene Expression in Arabidopsis	9/22/97 - 12/31/00	1949 \$70,000
Reddy,Anireddy S N	Primary PI Biology NSF-Biological Sciences	Regulation & Functional Analysis of a Novel Calmodulin-binding Microtubul - REU Supplement	7/1/00 - 6/30/04	3282 \$11,000

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Stack,Stephen	Primary PI	Biology NSF-Biological Sciences	Mapping Recombination Nodules on Synaptonemal Complexes of Maize	3/1/98 - 2/28/02	3511 \$99,561
Stack,Stephen	Primary PI	Biology NSF-Biological Sciences	Mapping Recombination Nodules on Synaptonemal Complexes of Maize	3/1/98 - 2/28/02	3515 \$5,000
Steingraeber,David A	Primary PI	Biology	Developing a Landscape Approach to Evaluation of Wetland Condition in the Southern Rocky Mountains	2/2/01 - 11/30/02	0232 \$45,224
Johnson,James Bradley	Co-PI	Colorado Department of Natural Resources			
Voss,S. Randal	Primary PI	Biology NSF-Biological Sciences	Physiological Genetics of Metamorphic Timing in a Urodele	8/15/00 - 7/31/01	3097 \$15,000
Voss,S. Randal	Primary PI	Biology NSF - National Science Foundation	CAREER: Evolutionary Research & Education at Colorado State University	2/1/01 - 1/31/06	3208 \$480,000
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 \$5,000
Wilson,Thomas G	Primary PI	Biology NSF - National Science Foundation	A Drosophila Juvenile Hormone Receptor	7/1/01 - 6/30/02	3286 \$210,000
Wright,William G	Primary PI	Biology USDA-APHIS-Ag & Plant Health Insp Srvc	Development of Brown Tree Snake Baits & Repellents	9/29/99 - 9/30/00	2035 \$22,000
Carroll,Barry L	Primary PI	Center For Sci, Math & Tech Ed Annenberg / CPB Project	Scaling Up the Partnership between Annenberg/CPB and CSMATE/CSU	10/1/00 - 9/30/02	5183 \$109,411
Geary,Edward E	Primary PI	Center For Sci, Math & Tech Ed NSF-GEO-Geosciences	The Earth and Space Science Standards Project	9/15/00 - 7/31/02	3178 \$79,700
Geary,Edward E	Primary PI	Center For Sci, Math & Tech Ed UCAR-NCAR-Research Applications Program	The Digital Library for Earth System Education: Implementing the DLESE Community Plan for Grades K-12	10/1/00 - 9/30/01	3416 \$30,374
Jones,Christine S	Primary PI	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 - 5/31/01	6041 \$20,000
Jones,Christine S	Primary PI	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 - 2/28/01	6041 \$21,500
Jones,Christine S	Primary PI	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 - 2/28/01	6041 \$2,400
Jones,Christine S	Primary PI	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 - 2/28/01	6041 \$10,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
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 \$161,766
Barisas,B George	Primary PI	Chemistry NSF-MPS-Mathematical & Physical Sciences	Optical Investigations of the Mast Cell Function- Associated Antigen (MAFA) Regulatory Protein	9/1/98 - 8/31/02	3556 \$100,000
Bernstein,Elliot R	Primary PI	Chemistry DOD-ARMY-ARO-Army Research Office	Dissociation of Energetic Materials from Excited Electronic States	4/1/01 - 3/30/02	2340 \$200,000
Bernstein,Elliot R	Primary PI	Chemistry DOD-ARMY-ARO-Army Research Office	Initial Steps in the Decomposition of Energetic Materials: Pathways Involving Their Excited Electronic States ...	9/28/98 - 9/27/01	2381 \$75,000
Bernstein,Elliot R	Primary PI	Chemistry NSF - National Science Foundation	Hydrogen Abstraction Radical Reactions: Entrance Channel Control	2/15/01 - 1/31/04	3213 \$130,000
Crans,Debbie C	Primary PI	Chemistry National Research Council	American Specialist COBASE Grants Program Fellowship - Eugenijus Norkus	8/30/00 - 8/30/01	3420 \$8,800
Crans,Debbie C	Primary PI	Chemistry American Diabetes Association, Inc.	Insulin-like Effects of Transition Metal Complexes	1/1/00 - 12/31/02	5107 \$99,992
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	7860 \$43,694
Dorhout,Peter K	Primary PI	Chemistry DOE-Office of Energy Research	A Study of New Actinide Zintl Ion Materials	9/1/97 - 3/14/02	3820 \$70,000
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 \$105,000
Finke,Richard G	Primary PI	Chemistry NSF-MPS-Mathematical & Physical Sciences	Studies of Polyoxanion-Derived, Record Lifetime Dioxygenase Catalyst	8/1/00 - 7/31/01	3094 \$120,000
Finke,Richard G	Primary PI	Chemistry DOE-Office of Energy Research	Polyoxoanion-Stabilized Transition Metal Nanoclusters: Soluble Analogs of Heterogeneous...	12/1/95 - 2/28/02	3805 \$135,000
Finke,Richard G	Primary PI	Chemistry DOE-Office of Energy Research	Polyoxoanion-Stabilized Transition Metal Nanoclusters: Soluble Analogs of Heterogeneous...	12/1/95 - 2/28/02	3805 \$115,000
Fisher,Ellen R	Primary PI	Chemistry NSF-MPS-Mathematical & Physical Sciences	Investigation of Plasma Deposition & Etching Mechanisms for Silicon-Based Materials	12/1/98 - 11/30/02	3560 \$92,000

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## Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Fisher, Ellen R	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Investigation of Plasma Deposition & Etching Mechanisms for Silicon-Based Materials	12/1/98 - 11/30/01	3560 \$50,000
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 \$100,000
Fisher, Ellen R	Primary PI Chemistry Millipore Corporation	Mechanisms for Plasma Modification of Polymeric Membranes	1/1/01 - 1/1/02	6106 \$50,965
Greenberg, Marc M	Primary PI Chemistry University of Colorado	Convergent Synthesis of RNA Using 2'-ACE™ Technology	7/1/00 - 6/30/01	0172 \$20,000
Greenberg, Marc M	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Development & Application of Oligonucleotide Synthesis Methods	6/1/98 - 5/31/02	3520 \$108,000
Greenberg, Marc M	Primary PI Chemistry HHS-PHS-Pharmacology & Biorelated Chem	Mechanistic Studies of Nucleic Acid Damage	7/1/97 - 6/30/01	4446 \$115,116
Greenberg, Marc M	Primary PI Chemistry HHS-NIH-NCI-National Cancer Institute	Effects of Formamidopyrimidine Lesions on Nucleic Acid Structure & Function	9/10/97 - 7/31/01	4466 \$148,648
Greenberg, Marc M	Primary PI Chemistry HHS-NIH-Center for Scientific Review	Mechanistic Studies of DNA Damage & Their Application	7/1/01 - 6/30/05	7869 \$239,408
Hegedus, Louis S	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Transition Metals in Organic Synthesis	12/1/99 - 10/31/02	3001 \$143,000
Hegedus, Louis S Bernstein, Elliot R	Primary PI Co-PI Chemistry American Chemical Company	Editors for Journal of the American Chemical Society	6/1/84 - 12/31/01	6149 \$65,549
Hegedus, Louis S	Primary PI Chemistry HHS-PHS-Pharmacology & Biorelated Chem	Organometallic Synthesis of Bioactive Compounds	4/1/79 - 3/31/04	7840 \$271,933
Kennan, Alan J	Primary PI Chemistry American Chemical Society	Design of Catalytic Peptides with Phosphatase Activity	9/1/00 - 8/31/02	5053 \$25,000
Ladanyi, Branka M	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Solvation & Reaction Dynamics in Heterogeneous Environments	12/1/99 - 11/30/03	3002 \$111,000
Levinger, Nancy E Fisher, Ellen R	Primary PI Co-PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Summer Undergraduate Research in Chemistry at Colorado State University: REU Site	3/1/00 - 2/28/03	3031 \$56,432
Levinger, Nancy E	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Dynamics of Polar Solvation & Electron Transfer in Restricted Environments	6/15/00 - 6/30/03	3179 \$90,000
Levinger, Nancy E	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Dynamics of Polar Solvation & Electron Transfer in Restricted Environments	6/15/00 - 6/30/03	3179 \$180,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Levinger,Nancy E	Primary PI	Chemistry NSF-MPS-Mathematical & Physical Sciences	Studies of Molecular Motion in Reverse Micelles: A Sabbatical Leave Request	7/15/00 - 6/30/01	3180 \$77,583
Levinger,Nancy E	Primary PI	Chemistry American Chemical Society	Dynamics of Polar Solvation in Hollow Oxide Nanospheres	7/1/00 - 8/31/02	5636 \$60,000
Maciel,Gary E	Primary PI	Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil...	7/1/95 - 3/31/02	3860 \$120,000
Maciel,Gary E	Primary PI	Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil...	7/1/95 - 3/31/02	3860 \$120,000
Maciel,Gary E	Primary PI	Chemistry Philip Morris, Incorporated	Time-Temperature-Conditions Experiments on Paramagnetic Centers in Heated Plant Material	11/15/00 - 10/30/02	6086 \$178,828
Parkinson,Bruce Alan	Primary PI	Chemistry DOE-Oakridge Operations Office	Studies of High Quantum Yield Sensitization Processes at Semiconductor Electrodes	4/1/96 - 7/31/02	3811 \$120,006
Rappe,Anthony K	Primary PI	Chemistry Edison Polymer Innovation Corporation	Molecular Modeling of Potential Polyvinylchloride Catalysts	9/1/98 - 8/31/01	5610 \$62,968
Rovis,Tomislav	Primary PI	Chemistry American Chemical Society	Stereoselective Catalytic Generation of Carbon- Carbon Bonds	9/1/01 - 8/31/03	5089 \$25,000
Shi,Yian	Primary PI	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	Asymmetric Epoxidation of Olefins by Chiral Dioxiranes	8/1/99 - 7/31/03	7664 \$225,127
Stermitz,Frank R	Primary PI	Chemistry Dreyfus Foundation (Camille & Henry) *	Natural Inhibitors of Antibacterial Drug Resistance (Efflux) Pumps	2/1/00 - 1/31/02	5227 \$10,000
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 - 9/30/01	2386 \$120,000
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 - 6/30/01	2386 \$29,991
Strauss,Steven H	Primary PI	Chemistry NSF - National Science Foundation	Separation, & Recovery of Ions from Aqueous Media with Redox-Recyclable Metal-Complex Extractants	3/15/01 - 2/29/04	3220 \$318,429
Strauss,Steven H	Primary PI	Chemistry NSF - Engineering Grant	Separation & Recovery of Ions from Aqueous Media with Redox-Recyclable Metal...	5/1/98 - 4/30/01	3527 \$25,900
Strauss,Steven H	Primary PI	Chemistry NSF-MPS-Mathematical & Physical Sciences	Fundamental Studies of Fluorocarborates & Nonclassical Metal Carbonyls	8/15/99 - 1/31/02	3594 \$110,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Strauss,Steven H	Primary PI Chemistry Albemarle Corporation	Fluorinated Weakly Coordinated Anions	9/1/00 - 8/31/02	6097 \$50,000
Strauss,Steven H	Primary PI Chemistry Air Products & Chemicals Inc	Fluorinated Polyhedral Borates: Synthesis, Stability, & Cost Performance	3/16/98 - 3/15/01	6314 \$27,000
Van Orden,Alan K	Primary PI Chemistry University of Colorado	Investigation of Spatially Resolved Diffuse Reflectance Spectroscopy for the Detection of Physiologically ...	7/1/00 - 6/30/01	0174 \$18,000
Van Orden,Alan K	Primary PI Chemistry Datex-Ohmeda, Inc.	Investigation of Spatially Resolved Diffuse Reflectance Spectroscopy for the Detection of Physiologically...	7/1/00 - 6/30/02	6112 \$12,000
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 \$8,881
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 \$205,538
Williams,Robert M	Primary PI Chemistry HHS-PHS-NCI-Cancer Treatment Center	Total Synthesis & Biosynthesis of Bioactive Substances	1/15/97 - 12/31/04	4546 \$25,000
Williams,Robert M	Primary PI Chemistry Research Corporation Technologies, Inc.	Research Corporation	4/1/99 - 7/20/00	6391 \$10,000
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 \$288,117
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 \$291,145
Andrews,Anneliese A	Primary PI Computer Science CCHE-Commission on Higher Education	FY00 Colorado Advanced Software Institute (CASI) Program Plan	7/1/00 - 6/30/01	0161 \$33,000
Andrews,Anneliese A	Primary PI Computer Science CCHE-Commission on Higher Education	FY00 Colorado Advanced Software Institute (CASI) Program Plan	7/1/00 - 6/30/01	0161 \$272,355
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 11/30/02	2453 \$77,241
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 11/30/02	2453 \$67,384
Bieman,James M	Primary PI Computer Science NSF - National Science Foundation	Evaluating Object-Oriented Designs	6/1/01 - 5/31/04	3275 \$200,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Bohm,Anton Pedro Wille	Primary PI	Computer Science	5/5/98 -	7375
Beveridge,J Ross	Co-PI	DOD-USAF-Wright Patterson AFB	9/30/01	\$288,319
Draper,Bruce	Co-PI			
Draper,Bruce	Primary PI	Computer Science	8/15/00 -	0103
		CCHE-Commission on Higher Education	8/14/01	\$34,500
France,Robert	Primary PI	Computer Science	8/17/00 -	6011
		U.S. West Comm. Inc. (use YCQW00)	6/16/01	\$20,943
Howe,Adele	Primary PI	Computer Science	1/1/00 -	2319
Whitley,L Darrell	Co-PI	DOD-USAF-Air Force	11/30/01	\$114,722
Malaiya,Yashwant K	Primary PI	Computer Science	6/1/01 -	5071
Ghosh,Sudipto	Co-PI	Colorado Institute of Technology	8/15/01	\$20,000
Schauble,Carolyn J.C	Co-PI			
Schleiffers,Sandra M	Co-PI			
Nededog,Arlene F	Primary PI	Dean Of Natural Sciences	2/15/00 -	3291
		NSF-EHR-Education & Human Resources	1/31/04	\$206,060
Raich,John C	Primary PI	Dean Of Natural Sciences	11/1/99 -	3610
		NSF-EHR-Education & Human Resources	10/31/02	\$4,045
Chappell,Kelly	Primary PI	Mathematics	11/1/00 -	4203
		DE-FIPSE-Fund Imp. of Post. Sec. Educ.	10/31/03	\$58,856
Estep,Donald J	Primary PI	Mathematics	5/15/01 -	3277
Tavener,Simon J	Co-PI	NSF - National Science Foundation	4/30/02	\$12,600
Kirby,Michael J	Primary PI	Mathematics	12/1/98 -	2423
Miranda,Henry P	Co-PI	DOD-USAF-Office of Scientific Research	11/30/01	\$54,374
Kirby,Michael J	Primary PI	Mathematics	10/15/00 -	2622
		Technical Management Concepts, Inc.	9/30/01	\$16,977
Kirby,Michael J	Primary PI	Mathematics	8/15/00 -	3106
		NSF-MPS-Mathematical & Physical Sciences	7/31/03	\$163,000
Liebler,Robert A	Primary PI	Mathematics	8/1/00 -	3137
		NSF-MPS-Mathematical & Physical Sciences	7/31/03	\$26,000
Liebler,Robert A	Primary PI	Mathematics	8/1/00 -	3137
		NSF-MPS-Mathematical & Physical Sciences	7/31/03	\$26,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Poore,Aubrey B	Primary PI Mathematics DOD-USAF-Office of Scientific Research	Optimization Problems in Multiplatform and Multisensor Tracking	1/1/00 - 11/30/01	2424 \$133,820
Poore,Aubrey B	Primary PI Mathematics Integrated Sensors, Inc. (ISI)	FOPEN	10/27/00 - 5/31/01	2638 \$30,000
Field,Stuart	Primary PI Physics NSF-MPS-Mathematical & Physical Sciences	Scanning Probe Microscopy of Superconducting Systems	8/15/97 - 7/31/00	3071 \$59,505
Field,Stuart	Primary PI Physics NSF-MPS-Mathematical & Physical Sciences	Scanning Hall Probe Microscopy of Superconducting Systems - REU Supplement	5/15/98 - 7/31/02	3280 \$6,000
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	9/9/99 - 4/13/02	3917 \$150,700
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	9/9/99 - 12/31/01	3917 \$62,500
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 \$99,530
Hochheimer,Hans D	Primary PI Physics NATO-North Atlantic Treaty Organization	Frontiers of High Pressure Research II: Application of High Pressure to Materials	10/1/99 - 7/31/02	5712 \$20,821
Lee,Siu Au	Primary PI Physics NSF-MPS-Mathematical & Physical Sciences	Light Force Manipulation of Group III Atoms	9/1/98 - 8/31/02	3271 \$10,000
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 \$63,900
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 \$52,082
Patton,Carl E	Primary PI Physics DOD-NAVY-ONR-Office of Naval Research	High Frequency Properties of Ferrite Films for Microwave & Millimeter Wave Devices	10/1/93 - 9/30/02	2329 \$150,000
Patton,Carl E	Primary PI Physics APC-Academy of Applied Science	Research & Engineering Apprenticeship Program	5/1/91 - 4/30/01	6610 \$5,000
Patton,Carl E	Primary PI Physics DOD-ARMY-ARO-Army Research Office	Microwave Magnetic Solitons in Ferrite Films - Physics & Devices for Radar, Electronic Countermeasures & Surveillance	7/1/98 - 9/30/01	7388 \$50,000
She,Chiaoyao Krueger,David A	Primary PI Co-PI Physics NASA - Natl Aeronautics & Space Admin.	Two-Beam Sodium Lidar Observation of Temperature & Winds & Passive Optical Measurement Clustre in the Fort Collins...	9/1/00 - 4/30/03	1971 \$66,700

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
She, Chiaoyao	Primary PI	Physics	Two-Beam Sodium Lidar Observation of	9/1/00 -	1971
Krueger, David A	Co-PI	NASA - Natl Aeronautics & Space Admin.	Temperature & Winds & Passive Optical	4/30/02	\$135,300
She, Chiaoyao	Primary PI	Physics	Collaborative Research at ALOMAR (Arctic Lidar	8/1/00 -	2600
Krueger, David A	Co-PI	CoRA - Colorado Research Associates	Observatory for Middle Atmospheric Research)	11/30/00	\$19,200
She, Chiaoyao	Primary PI	Physics	Collaborative Research at ALOMAR (Arctic Lidar	8/1/00 -	2600
Krueger, David A	Co-PI	CoRA - Colorado Research Associates	Observatory for Middle Atmospheric Research)	11/30/01	\$100,800
She, Chiaoyao	Primary PI	Physics	Coupling Energetics & Dynamics of Atmospheric	3/15/00 -	3050
Krueger, David A	Co-PI	NSF-GEO-Geosciences	Regions (CEDAR) PostDoc 3	2/28/02	\$50,000
She, Chiaoyao	Primary PI	Physics	Mesopause Observation: One Solar Cycle	1/1/01 -	3167
Krueger, David A	Co-PI	NSF - National Science Foundation		12/31/05	\$122,998
Sites, James R	Primary PI	Physics	Device Physics of Thin-Film Polycrystalline Solar	1/20/98 -	9343
		Midwest Research Institute - NREL	Cells	3/19/01	\$34,271
Sites, James R	Primary PI	Physics	Device Physics of Thin-Film Polycrystalline Solar	1/20/98 -	9343
		Midwest Research Institute - NREL	Cells	3/19/01	\$10,000
Sites, James R	Primary PI	Physics	Device Physics of Thin-Film Polycrystalline Solar	1/20/98 -	9343
		Midwest Research Institute - NREL	Cells	8/15/01	\$79,646
Toki, Walter	Primary PI	Physics	Research in Collider Physics	4/15/93 -	3852
Wilson, Robert	Co-PI	DOE - US Department of Energy		4/14/02	\$237,304
Wilson, Robert	Primary PI	Physics	Research in Collider Physics	1/1/95 -	3819
Toki, Walter	Co-PI	DOE - US Department of Energy		4/14/02	\$148,696
Beauvais, Frederick	Primary PI	Psychology	Drug Use Among Young Indians: Epidemiology &	9/1/83 -	4526
		HHS-PHS-Drug Abuse Research Programs	Prediction	8/31/05	\$375,229
Beauvais, Frederick	Primary PI	Psychology	Reduction of Alcohol Use through a Collaborative	9/21/00 -	4532
		HHS-NIH-National Institutes of Health	Research Project	9/29/03	\$200,000
Beauvais, Frederick	Primary PI	Psychology	Drug Use Among Young Indians: Epidemiology &	9/1/83 -	4539
		HHS-PHS-Drug Abuse Research Programs	Prediction	8/31/05	\$12,871
Borrayo, Evelinn	Primary PI	Psychology	Latina's Participation in Breast Cancer Clinical	1/1/01 -	5412
		Susan G. Komen Breast Cancer Foundation	Trials	12/31/01	\$49,950

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Chavez, Ernest L	Primary PI	Psychology	Attitudes & Environmental Public Goods	3/15/00 -	2120
Bell, Paul A	Co-PI	USDA-NRCS-Natural Resources Consvtn Srv		9/30/01	\$9,350
Chavez, Ernest L	Primary PI	Psychology	Mexican-American Dropouts & Drug Use	7/15/98 -	4481
Deffenbacher, Jerry L	Co-PI	HHS-PHS-Drug Abuse Research Programs		6/30/01	\$300,254
Chen, Peter	Primary PI	Psychology	Colorado State University Occupational Health	5/30/01 -	4330
		American Psychological Association	Psychology Graduate Training	4/30/02	\$25,831
Edwards, Ruth W	Primary PI	Psychology	A Coordinated Community Response to Prevent	2/1/01 -	4314
		University of Texas	Intimate Partner Violence	9/29/01	\$14,500
Edwards, Ruth W	Primary PI	Psychology	Adolescent Drug Use in Rural America	8/1/96 -	4423
		HHS-PHS-Drug Abuse Research Programs		7/31/01	\$337,842
Edwards, Ruth W	Primary PI	Psychology	Adolescent Drug Use in Rural America	8/1/96 -	4477
		HHS-PHS-Drug Abuse Research Programs		7/31/01	\$115,710
Hamilton, Scott B	Primary PI	Psychology	Counseling Psychology Program & the Tri-Ethnic	7/1/98 -	0162
Chavez, Ernest L	Co-PI	CCHE-Commission on Higher Education	Center for Prevention Research: Program of	6/30/03	\$140,000
			Excellence		
James, Keith	Primary PI	Psychology	University/Community Collaboratives for	2/15/00 -	5687
		City of Fort Collins - Fort Fund	Community Development	2/14/01	\$500
Loomis, Ross J	Primary PI	Psychology	Visitor Experience & Media Effectiveness	6/1/01 -	1767
Eisenberger, Robert	Co-PI	DOI-NPS-National Park Service		6/1/02	\$30,000
Oetting, Eugene R	Primary PI	Psychology	The Tri-Ethnic Center for Prevention Research	9/1/95 -	4605
		HHS-PHS-Drug Abuse Research Programs		11/30/04	\$1,100,683
Oetting, Eugene R	Primary PI	Psychology	The Tri-Ethnic Center for Prevention Research	9/1/95 -	4609
		HHS-PHS-Drug Abuse Research Programs		11/30/04	\$1,273,228
Rosen, Lee A	Primary PI	Psychology	School Consultation / Special Education	9/1/91 -	5625
		Poudre School District R-1		6/30/01	\$68,400
Rosen, Lee A	Primary PI	Psychology	School Consultation / Special Education	9/1/91 -	5625
		Poudre School District R-1		6/30/01	\$3,500
Swaim, Randall C	Primary PI	Psychology	Prediction of Tobacco-Using Groups in Pre-	7/1/01 -	0503
		University of Colorado	Adolescent Youth	6/30/04	\$671,861
Swaim, Randall C	Primary PI	Psychology	Using Media to Prevent Violence Among Rural	9/30/00 -	4533
Kelly, Kathleen J	Co-PI	HHS-PHS-Drug Abuse Research Programs	Youth	8/31/03	\$290,000

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Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Thurman,Pamela J	Primary PI	Psychology	Cultural & Community Context of Perpetration of	9/30/00 -	4534
Edwards,Ruth W	Co-PI	HHS-CDC-Environ. Hlth & Injury Control	Intimate Violence in Rural & Ethnic Communities	9/30/03	\$300,475
Swaim,Randall C	Co-PI				
Bowden,David C	Primary PI	Statistics Colorado Division of Wildlife	Research Design	7/3/00 - 6/30/01	0459 \$9,000
Brockwell,Peter J	Primary PI	Statistics NSF - National Science Foundation	United States-Japan Joint Seminar: Statistical Time Series Analysis	5/1/01 - 3/31/02	3205 \$22,000
Brockwell,Peter J	Primary PI	Statistics	Applied Probability & Time Series Modelling	7/1/99 -	3590
Davis,Richard A	Co-PI	NSF-MPS-Mathematical & Physical Sciences		6/30/02	\$68,000
Brockwell,Peter J	Primary PI	Statistics	Applied Probability & Time Series Modelling	7/1/99 -	3590
Davis,Richard A	Co-PI	NSF-MPS-Mathematical & Physical Sciences		6/30/02	\$68,000
Butler,Ronald W	Primary PI	Statistics NSF-MPS-Mathematical & Physical Sciences	Saddlepoint Methods in Statistics	8/15/99 - 7/31/02	3589 \$40,000
Davis,Richard A	Primary PI	Statistics USDA-USFS-Forest Research	Small Area Estimation Techniques	12/18/98 - 9/30/01	8764 \$2,400
Davis,Richard A	Primary PI	Statistics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Statistical Estimation for Annual Forest Inventory & Monitoring	9/6/99 - 11/30/01	8861 \$15,000
Givens,Geof H	Primary PI	Statistics NSF-MPS-Mathematical & Physical Sciences	CAREER; Bayesian Simulation Modeling	8/15/99 - 7/31/02	3569 \$50,000
Givens,Geof H	Primary PI	Statistics NSF-MPS-Mathematical & Physical Sciences	CAREER; Bayesian Simulation Modeling	8/15/99 - 7/31/02	3569 \$50,000
Givens,Geof H	Primary PI	Statistics North Slope Borough (Alaska)	Development of a Bowhead Aboriginal Whaling Management Procedure	8/15/00 - 6/30/01	5087 \$59,549
Hoeting,Jennifer A	Primary PI	Statistics	Statistical Modeling for Farming Operations	7/1/97 -	2116
Davis,Richard A	Co-PI	USDA-ARS-Agricultural Research Service		8/30/01	\$20,000
Iyer,Hariharan K	Primary PI	Statistics DOI-NPS-National Park Service	Statistical Analyses Related to Air Quality & Atmospheric Visibility	9/1/00 - 8/31/01	2878 \$73,565

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Harvard University	8/1/00 - 7/31/01	4324 \$208,910
Beam,Kurt G	Primary PI	Anatomy & Neurobiology	9/29/99 -	4905
Wilkens,Christina M	Co-PI	HHS-NIH-NIMH-Nat Inst of Mental Health	9/28/02	\$19,988
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Muscular Dystrophy Association, Inc.	1/1/00 - 12/31/01	5128 \$68,146
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Muscular Dystrophy Association, Inc.	1/1/00 - 12/31/01	5128 \$31,854
Beam,Kurt G	Primary PI	Anatomy & Neurobiology MDA Scientific Incorporated	7/1/00 - 6/30/03	5613 \$35,000
Beam,Kurt G	Primary PI	Anatomy & Neurobiology MDA Scientific Incorporated	7/1/00 - 6/30/03	5613 \$35,000
Beam,Kurt G	Primary PI	Anatomy & Neurobiology American Heart Association	7/1/00 - 6/30/02	5689 \$18,000
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	2/12/99 - 1/31/03	4492 \$277,890
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-NIH-Mental Health Research Grants	7/1/99 - 6/30/04	4501 \$231,410
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-NIH-Mental Health Research Grants	7/1/99 - 6/30/04	4501 \$225,922
Dudek,F Edward	Primary PI	Anatomy & Neurobiology	8/1/00 -	4901
Williams,Philip A	Co-PI	HHS-PHS-Biol Basis Research in Neurosci	7/31/01	\$46,300
Dudek,F Edward	Primary PI	Anatomy & Neurobiology	3/1/01 -	4902
Pouliot,Wendy A	Co-PI	HHS-NIH-National Institutes of Health	2/28/04	\$40,196
Dudek,F Edward	Primary PI	Anatomy & Neurobiology	8/1/98 -	4917
Williams,Philip A	Co-PI	HHS-PHS-Biol Basis Research in Neurosci	7/31/01	\$32,694
Handa,Robert J	Primary PI	Anatomy & Neurobiology NSF-Biological Sciences	3/1/00 - 2/28/03	3042 \$4,302
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-PHS-Alcohol Research Programs	3/1/00 - 2/29/04	4518 \$326,250
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-NIH-Mental Health Research Grants	9/14/00 - 8/31/01	4530 \$10,000

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Sex Differences in Hypothalamo-Pituitary-Adrenal Axis 1/15/01 - 12/31/03	4538 \$314,463
Handa,Robert J Solum,Derek	Primary PI Co-PI	Anatomy & Neurobiology HHS-NIH-NIMH-Nat Inst of Mental Health	Estrogen Regulation of Hippocampal Development 5/1/00 - 4/30/02	4910 \$21,390
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology University of Miami	Physiology of Glutamate Receptors in Taste Buds 3/1/00 - 2/28/02	4322 \$139,764
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology University of Miami	Physiology of Glutamate Receptors in Taste Buds 3/1/00 - 2/28/01	4322 \$170,367
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	Electrophysiology of Taste Transduction 4/1/90 - 3/31/04	4493 \$189,026
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 \$189,495
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 \$64,208
Pickard,Gary E Dudek,F Edward	Primary PI Co-PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	5HT Presynaptic Inhibition of Retinal Input to the Hypothalamic Suprachiasmatic Nucleus 7/1/00 - 6/30/04	4323 \$271,782
Pickard,Gary E Wilcox,Christine L	Primary PI Co-PI	Anatomy & Neurobiology ** HHS-NIH-National Institutes of Health	Retinal Neurons Afferent to the Circadian System 7/1/01 - 6/30/06	4544 \$340,000
Rash,John E	Primary PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Technology to Label & Map Membrane Proteins in Central Nervous System (CNS) Tissue 8/11/99 - 7/31/01	4507 \$108,750
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 \$284,023
Reist,Noreen E	Primary PI	Anatomy & Neurobiology NSF-Biological Sciences	Functional Analysis of Synaptotagmin Domain Structure 5/15/00 - 5/31/04	3080 \$306,049
Reist,Noreen E	Primary PI	Anatomy & Neurobiology NSF-Biological Sciences	Functional Analysis of Synaptotagmin Domain Structure 5/15/00 - 5/31/04	3080 \$97,763
Reist,Noreen E	Primary PI	Anatomy & Neurobiology March of Dimes	Functional Analysis of Ca <sup>++</sup> -binding by the C2B Domain of Synaptotagmin 6/1/01 - 5/31/02	5261 \$65,171
Billinghurst,R. Clark McIlwraith,C Wayne	Primary PI Co-PI	Clinical Sciences Bayer Corp / Ag - Animal Health Division	The Evaluation of a Matrix Metalloproteinase Inhibitor in the Dog 12/1/98 - 11/30/01	6336 \$265,747

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Bright,Janice M	Primary PI	Clinical Sciences	9/1/00 -	5248
Dowers,Kristy L	Co-PI	Morris Animal Foundation	11/30/01	\$35,957
Powers,Barbara E	Co-PI			
Frisbie,David D	Primary PI	Clinical Sciences AQHA-American Quarter Horse Assoc.	10/1/00 - 1/1/02	5092 \$33,462
Frisbie,David D	Primary PI	Clinical Sciences Morris Animal Foundation	10/1/00 - 9/30/02	5404 \$45,071
Frisbie,David D	Primary PI	Clinical Sciences Medical Research Council of Canada	5/1/00 - 3/31/03	5718 \$17,333
Frisbie,David D	Primary PI	Clinical Sciences Medical Research Council of Canada	5/1/00 - 3/31/03	5718 \$7,305
Frisbie,David D	Primary PI	Clinical Sciences Medical Research Council of Canada	5/1/00 - 3/31/03	5718 \$7,601
Frisbie,David D	Primary PI	Clinical Sciences Medical Research Council of Canada	5/1/00 - 3/31/03	5718 \$4,221
Frisbie,David D	Primary PI	Clinical Sciences Medical Research Council of Canada	5/1/00 - 3/31/03	5718 \$9,455
Frisbie,David D	Primary PI	Clinical Sciences	9/1/99 -	6006
Mcilwraith,C Wayne	Co-PI	Neocyte Joint Venture	3/31/00	\$900
Frisbie,David D	Primary PI	Clinical Sciences Nutramax Laboratories, Inc.	11/21/00 - 3/1/01	8238 \$197,997
Frisbie,David D	Primary PI	Clinical Sciences	1/1/01 -	8239
Kawcak,Christopher E	Co-PI	Dynamix	12/31/01	\$286,959
Frisbie,David D	Primary PI	Clinical Sciences Bayer Corp / Ag - Animal Health Division	12/1/00 - 11/30/01	8240 \$258,678

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 - 3/4/02	8247 \$52,410
Hellyer,Peter W Gaynor,James S Wagner,Ann E	Primary PI Co-PI Morris Animal Foundation Co-PI	Multicenter, Large-Scale Evaluation of Pain Behaviors Following Neutering in Dogs	9/1/00 - 8/31/01	5251 \$41,073
Kimberling,Cleon V	Primary PI Clinical Sciences USDA-ARS-Agricultural Research Service	Preserve Warhill Ram Germplasm	9/26/00 - 9/14/03	2070 \$10,000
Lappin,Michael R	Primary PI Clinical Sciences Heska Corporation (Paravax) *	Prediction of Resistance to Panleukopenia, Feline Herpes Virus I & Calicivirus Challenge Utilizing Serology	4/5/98 - 12/31/00	6317 \$4,898
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 \$38,049
Lappin,Michael R	Primary PI Clinical Sciences Heska Corporation (Paravax)	Vaccine Associated Feline Renal Disease	4/25/01 - 4/24/03	8250 \$27,285
Mama,Khursheed R Hellyer,Peter W Wagner,Ann E	Primary PI Co-PI Morris Animal Foundation Co-PI	A Comparison of Recoveries after Intravenous or Inhalation Anesthesia in Horses	9/1/00 - 8/31/01	5250 \$22,025
Monnet,Eric	Primary PI Clinical Sciences American College of Veterinary Surgeons	Effect of Positive End Expiratory Pressure on Oxygen Delivery During One Lung Ventilation in Dogs Undergoing ...	6/1/01 - 6/30/02	5260 \$8,280
Monnet,Eric	Primary PI Clinical Sciences Cohesion Corporation	Evaluation of a Cohesion Polymer for the Prevention of Seroma Formation in a Canine Model: Pilot Study	11/10/00 - 12/31/01	8237 \$13,716
Mortimer,Robert G	Primary PI Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Evaluation of Forages on Sheep Operations in 22 States	3/30/01 - 12/30/01	2081 \$8,335
Mueller,Ralf S	Primary PI Clinical Sciences American Academy of Veterinary Dermatol	Immunohistochemical Evaluation of Mononuclear Infiltrates in Canine Onychomadesis (Lupoid Onychodystrophy)	2/8/01 - 9/8/01	5017 \$1,120
Smith,Mary O	Primary PI Clinical Sciences Hills Pet Nutrition, Inc.	The Use of Dietary Modification as a Treatment for Canine Epilepsy	6/12/00 - 12/12/01	8235 \$30,000
Traub-Dargatz,Josie L	Primary PI Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Equine Specialist for Centers for Epidemiology & Animal Health CEAH	5/1/01 - 5/31/02	2131 \$28,064

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj #	\$Amount
Turner,Anthony Simon	Primary PI Clinical Sciences Steadman Hawkins Research Foundation	Long Term Rotator Cuff Healing Using Suture Anchors & Modified Mason-Allen Stitches: A Biomechanical...	12/1/99 - 9/30/01	5222	\$44,546
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 - 12/14/01	5256	\$76,572
Turner,Anthony Simon	Primary PI Clinical Sciences University of Colorado Health Sci Ctr	Histological Changes of HA-PMMA Plugs in Corticocancellous Defects: A Pilot Study in Sheep	8/3/00 - 12/31/00	5693	\$9,363
Turner,Anthony Simon	Primary PI Clinical Sciences EBI-Electro-Biology, Inc.	Histological & Biomechanical Changes of Three Different Biodegradable Ceramics for Corticocancellous	2/1/00 - 12/31/01	6045	\$8,494
Turner,Anthony Simon	Primary PI Clinical Sciences EBI-Electro-Biology, Inc.	Histological & Biomechanical Changes of Three Different Biodegradable Ceramics for Corticocancellous	2/1/00 - 6/1/01	6045	\$10,360
Turner,Anthony Simon	Primary PI Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Augmentation of Rotator Cuff Healing with Bone Protein (BP): A Study in Sheep	5/1/00 - 12/31/00	6070	\$20,820
Turner,Anthony Simon	Primary PI Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Augmentation of Rotator Cuff Healing with Bone Protein (BP): A Study in Sheep	5/1/00 - 12/31/00	6070	\$41,640
Turner,Anthony Simon	Primary PI Clinical Sciences Heska Corporation (Paravax)	Force-Plate Evaluation of a New Analgesic Agent for Osteoarthritis of the Canine Stifle Joint	11/1/98 - 1/1/00	6078	\$1,856
Turner,Anthony Simon	Primary PI Clinical Sciences Sofamor-Danek	Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep	4/1/99 - 10/31/03	6351	\$63,125
Turner,Anthony Simon	Primary PI Clinical Sciences Sofamor-Danek	Evaluation of ETEX/BMP-II for Vertebroplasty & Bioresorbable Cage Projects: A Study in Sheep	6/1/99 - 5/31/00	6362	\$4,724
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 - 1/31/02	6388	\$82,603
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 - 1/31/02	6388	\$10,214
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 - 1/31/02	6388	\$41,599

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 - 1/31/02	6388 \$46,479
Turner,Anthony Simon	Primary PI Clinical Sciences Howmedica	Effectiveness of Bone Repair Agents for Vertebroplasty in an Osteopenic Sheep	10/1/99 - 9/30/01	6392 \$11,676
Turner,Anthony Simon	Primary PI Clinical Sciences Howmedica	Effectiveness of Bone Repair Agents for Vertebroplasty in an Osteopenic Sheep	10/1/99 - 9/30/01	6392 \$1,301
Turner,Anthony Simon	Primary PI Clinical Sciences Heska Corporation (Paravax)	Force-Plate Evaluation of a New Analgesic Agent for Osteoarthritis of the Canine Stifle Joint	3/7/00 - 12/31/00	6396 \$2,204
Turner,Anthony Simon	Primary PI Clinical Sciences Heska Corporation (Paravax) *	Force-Plate Evaluation of a New Analgesic Agent for Osteoarthritis of the Canine Stifle Joint	3/7/00 - 12/31/00	6396 \$2,538
Turner,Anthony Simon	Primary PI Clinical Sciences Ethicon, Inc	Repair of the Ovine Meniscus with the Mitek GII Device	6/22/00 - 12/21/00	6397 \$66,258
Turner,Anthony Simon	Primary PI Clinical Sciences MacroPore, Inc.	Cranial Flap Fixation with Resorbable Plates & Screws in a Sheep Model	9/12/00 - 9/11/01	8229 \$44,862
Turner,Anthony Simon	Primary PI Clinical Sciences MacroPore, Inc.	Cranial Flap Fixation with Resorbable Plates & Screws in a Sheep Model	9/12/00 - 1/31/02	8229 \$27,025
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Nucleus Implant & Annular Repair: A Pilot Study in Sheep	10/1/00 - 12/31/01	8233 \$48,051
Turner,Anthony Simon	Primary PI Clinical Sciences Mitek	Small Intestine Submucosa & Resorbable Knitted Mesh/Foam for Rotator Cuff Repair: A Pilot Study In Sheep	10/10/00 - 9/30/01	8234 \$36,146
Turner,Anthony Simon	Primary PI Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Eval of PhotoFix Hydrogel Matrix & Autologous Stem Cells for Nucleus Pulposus Regeration in a Sheep Lumbar Spine	11/1/00 - 11/1/01	8236 \$56,698
Turner,Anthony Simon	Primary PI Clinical Sciences St. Francis Medical Technologies, Inc.	Use of Peptide to Prevent Lumbar Disk Degeneration: A Pilot Study in Sheep	12/1/00 - 11/30/01	8241 \$48,223
Turner,Anthony Simon	Primary PI Clinical Sciences ETEX Corporation	Demineralized Bone Matrix with ETEX Injectable Ceramic for Anterior Interbody Fusion: A Pilot Study in Sheep	1/1/01 - 12/31/01	8244 \$36,072
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Neck Fusion in an Ovine Model	3/1/01 - 12/31/01	8245 \$43,076

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Turner,Anthony Simon	Primary PI	Clinical Sciences EBI-Electro-Biology, Inc.	Absorbable Plating System for Cervical Fusion in an Ovine Model	6/15/01 - 6/14/02	8251 \$72,451
Turner,Anthony Simon	Primary PI	Clinical Sciences Medtronic, Inc.	Fusionless Thorascop Correction of Scoliosis in Children: A Pilot Study Using Sheep	7/1/01 - 6/30/02	8252 \$24,502
Twedt,David C	Primary PI	Clinical Sciences	The Use of S-adenosyl-L-methionine (SAME) in a Feline Model of Oxidative Injury	8/4/00 -	6398
Lassen,E Duane	Co-PI	Nutramax Laboratories, Inc.		11/30/01	\$8,800
Webb,Craig B	Co-PI				
Wimsatt,Jeffrey H	Primary PI	Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Postdoctoral Position in Reptile Reproduction	8/1/99 - 7/31/01	2107 \$986
Wimsatt,Jeffrey H	Primary PI	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	Postdoctoral Position in Reptile Reproduction	8/1/99 - 7/31/01	2107 \$5,500
Wimsatt,Jeffrey H	Primary PI	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	Postdoctoral Position in Reptile Reproduction	8/1/99 - 7/31/01	2107 \$35,880
Voss,James L	Primary PI	Dean Of Vet Medicine	Professional Veterinary Medicine--Program of Excellence	7/1/99 -	0160
Jones,Robert L	Co-PI	CCHE-Commission on Higher Education		6/30/02	\$166,716
Voss,James L	Primary PI	Dean Of Vet Medicine	Professional Veterinary Medicine--Program of Excellence	7/1/99 -	0182
Jones,Robert L	Co-PI	CCHE-Commission on Higher Education		6/30/02	\$175,674
Voss,James L	Primary PI	Dean Of Vet Medicine HHS-NIH-National Institutes of Health	Microbiology Building Addition	6/1/01 - 5/31/03	7870 \$2,000,000
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 \$472,598
Andersen,Melvin E	Primary PI	Environmental Health	Chlorotriazine Protein Binding: Biomarkers of Exposure & Susceptibility	6/1/00 -	5807
Tessari,John Domenic	Co-PI	EPA - Environmental Protection Agency		5/31/03	\$710,617
Andersen,Melvin E	Primary PI	Environmental Health Dow Corning Corporation	Pharmacokinetic Models & Experimental Data in Improving Risk Assessments with Cyclic Siloxanes	2/5/01 - 2/28/04	6105 \$567,583
Andersen,Melvin E	Primary PI	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	High Plains Intermountain Center for Agricultural Health & Safety	9/30/91 - 9/29/01	7626 \$61,935
Bigelow,Philip L	Primary PI	Environmental Health DOI-NPS-National Park Service	Risk Management Needs Assessment	9/30/99 - 9/30/02	2832 \$18,679
Bigelow,Philip L	Primary PI	Environmental Health SeMaTech	Chemical Data Assessment Project	10/15/99 - 6/30/00	5085 \$5,774

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 - 9/30/01	1019 \$626,000
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 - 9/30/01	1019 \$178,000
Buchan,Roy M	Primary PI	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	High Plains Intermountain Center for Agricultural Health & Safety	9/30/91 - 9/29/01	7617 \$498,338
Buchan,Roy M	Primary PI	Environmental Health HHS-Occup Health/Safety Training Grants	Industrial Hygiene Training Program	7/1/94 - 6/30/02	7908 \$81,682
Burch,James B	Primary PI	Environmental Health Platte River Power Authority	Factors Influencing Human Biological Responses to Magnetic Field Exposure	8/3/00 - 7/31/01	5682 \$9,995
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 - 12/31/01	7663 \$108,000
Morley,Paul S	Primary PI	Environmental Health HHS-FDA-Food & Drug Administration	Antimicrobial Use & Resistance in Enteric Bacteria	9/30/00 - 9/29/03	7613 \$199,382
Nuckols,John R	Primary PI	Environmental Health Westat, Inc.	Geographic Information System for Agricultural Chemicals Exposure	3/1/97 - 12/31/01	7516 \$60,172
Nuckols,John R	Primary PI	Environmental Health Westat, Inc.	Geographic Information System for Agricultural Chemicals Exposure	3/1/97 - 12/31/01	7516 \$60,171
Nuckols,John R	Primary PI	Environmental Health Battelle Columbus Division	Exposure Assessment-Birth Defects Role Factors & Disinfection by Products	9/28/98 - 12/30/01	7640 \$20,451
Nuckols,John R	Primary PI	Environmental Health HHS-NIH-NCI-National Cancer Institute	Agricultural Chemical Exposures & Childhood Cancer	9/30/99 - 9/29/01	7668 \$71,331
Pott,Wendy A	Primary PI	Environmental Health HHS-PHS-Cancer Research Manpower	Arsenic-containing Mixtures in Angiosarcoma Induction	2/15/97 - 1/31/02	7748 \$55,198
Reif,John S	Primary PI	Environmental Health EPA - Environmental Protection Agency	Disinfection By-products & Reproductive Outcomes	8/15/00 - 8/14/01	5804 \$78,249
Reif,John S	Primary PI	Environmental Health University of Washington	RF Exposure & Melatonin Levels in Heat Sealer Workers	6/1/00 - 5/31/02	7528 \$154,000
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 \$208,098
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Establishment of Center for Economically Important Infectious Animal Diseases	6/15/01 - 6/30/02	1479 \$280,005

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Salman,M D	Primary PI Environmental Health USDA - US Department of Agriculture	Enhancement of Approaches for Risk Analysis & Trade for Animal Health Issues	7/1/00 - 6/30/01	2030 \$87,001
Salman,M D	Primary PI Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	Vesicular Stomatitis Virus Surveillance Activities in Central America	8/9/00 - 8/8/01	2037 \$25,000
Salman,M D	Primary PI Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	Participation in National Surveillance & Survey Systems: Design, Analysis, & Interpretation	7/15/00 - 7/14/01	2041 \$27,547
Salman,M D	Primary PI Environmental Health USDA - US Department of Agriculture	Molecular Epidemiology of Vesicular Stomatitis Virus	9/29/01 - 9/30/01	2065 \$5,000
Salman,M D	Primary PI Environmental Health USDA-CSRS-Coop. States Research Service	Establishment of Center for Economically Important Infectious Animal Diseases	6/15/99 - 6/30/01	2136 \$238,552
Salman,M D	Primary PI Environmental Health Nat'l Council Pet Population Study/Policy	Factors Associated with Relinquishment of Dogs & Cats	1/1/95 - 12/31/04	5032 \$22,900
Salman,M D	Primary PI Environmental Health Morris Animal Foundation	Persistence of Vesicular Stomatitis Virus & Factors Associated with Recurrence of Disease	11/1/98 - 10/31/01	5483 \$40,539
Stallones,Lorann	Primary PI Environmental Health Colorado Dept Public Health & Environ	Colorado Department of Public Health & Environment Agreement	10/1/00 - 9/30/01	0024 \$66,812
Stallones,Lorann	Primary PI Environmental Health Colorado Dept Public Health & Environ	Booster Seat Promotion Program	11/15/00 - 9/30/01	0472 \$16,000
Stallones,Lorann	Primary PI Environmental Health HHS-CDC-Environ. Hlth & Injury Control	Grants for Injury Control Research Centers	9/1/95 - 8/31/01	7844 \$109,058
Stallones,Lorann	Primary PI Environmental Health HHS-CDC-Environ. Hlth & Injury Control	Grants for Injury Control Research Centers	9/1/95 - 8/31/01	7844 \$323,125
Stallones,Lorann	Primary PI Environmental Health HHS-CDC-Environ. Hlth & Injury Control	The Culture of Rural Health Care -(Project 2)	9/1/00 - 8/31/01	7848 \$39,747
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 \$276,039
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 \$28,815
Yang,Raymond S H	Primary PI Environmental Health HHS-NIH-Bio Resp to Env Health Hazards	Mixture Effect on CNS Development: Integrated Approach	9/30/99 - 9/29/01	7831 \$72,500
Yang,Raymond S H	Primary PI Environmental Health HHS-PHS-Superfund Hazardous Substances	Toxicologic Interaction Studies in Chemical Mixtures Using PBPK/PD...	4/1/92 - 3/31/01	7850 \$24,972

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Yang, Raymond S H	Primary PI	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling ...	9/30/94 - 7853 9/29/02 \$131,260
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 - 7866 5/31/04 \$249,657
Yang, Raymond S H	Primary PI	Environmental Health HHS-NIH-Manpower Development in the EHS	Toxicologic Interactions of Chemical & Physical Agents	7/1/99 - 7913 6/30/04 \$254,548
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 - 7938 10/31/02 \$2,836
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 - 7938 10/31/02 \$900
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 - 7938 10/31/02 \$40,036
Yang, Raymond S H	Primary PI	Environmental Health HHS-NIH-Manpower Development in the EHS	Toxicologic Interactions of Chemical & Physical Agents	7/1/99 - 7943 6/30/04 \$240,556
Beaty, Barry J Blair, Carol D	Primary PI Co-PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Mosquito Reservoirs for Bunyavirus Transeasonality	3/1/92 - 4474 12/31/02 \$200,906
Beaty, Barry J	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Virus Expression Systems in Vector Biology	6/1/99 - 4498 5/31/04 \$289,169
Beaty, Barry J	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Determinants of Dengue Epidemic Potential	9/30/99 - 4529 8/31/04 \$333,537
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 - 4531 9/29/01 \$161,846
Beaty, Barry J	Primary PI	Microbiology MacArthur Foundation	MacArthur Program: Vector Molecular Biology	1/1/90 - 5187 12/31/00 \$1,000
Beaty, Barry J	Primary PI	Microbiology MacArthur Foundation	Program Leaders Initiatives	1/1/00 - 5211 12/31/04 \$25,000
Beaty, Barry J	Primary PI	Microbiology MacArthur Foundation	Program Leaders Initiatives	1/1/00 - 5211 12/31/04 \$1,243

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation *	Vector Molecular Biology Institutes	1/1/95 - 12/31/00	5401 \$9,000
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation	Vector Molecular Biology Institutes	1/1/95 - 12/31/02	5401 \$15,028
Belisle,John T	Primary PI Microbiology University of Colorado Health Sci Ctr	A Novel Class of Phospolipases- Molecular Pathogenesis	9/1/98 - 8/31/03	4329 \$12,905
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4444 \$595,107
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4444 \$140,000
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4444 \$372,342
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4444 \$1,255,534
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4445 \$298,662
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Tuberculosis Research Materials & Vaccine Testing	7/1/97 - 6/30/04	4445 \$467,425
Brennan,Patrick Joseph Orme,Ian M	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Belisle,John T	Primary PI Microbiology	Glycoproteins of Mycobacterium Tuberculosis	2/1/99 - 1/31/04	4490 \$223,494
Spencer,John S	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re			
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 \$313,999
Blair,Carol D	Primary PI Microbiology	Interference to Dengue Virus Replication in Mosquitoes	4/1/93 - 3/31/02	4441 \$157,403
Higgs,Stephen Olson,Kenneth E	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re Co-PI			
Brennan,Patrick Joseph	Primary PI Microbiology University of California-Los Angeles	Determinants of TH 1 Cytokine Responses in Leprosy	3/1/99 - 2/28/04	4333 \$125,766

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Awards Received - 100

## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators		Department/Sponsor	Title	Dates	Proj # \$Amount
Brennan,Patrick Joseph	Primary PI	Microbiology	Mycobacterial Cell Wall Biogenesis & Drug	1/1/98 -	4472
Besra,Gurdyal Singh	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	Discovery	12/31/02	\$433,822
Brennan,Patrick Joseph	Primary PI	Microbiology	Cell Wall of M. Tuberculosis; Focus for Drug	9/30/99 -	4510
		HHS-PHS-AID-Microbio & Infectious Dis Re	Discovery-Project 1 & Core A	8/31/03	\$371,094
Brennan,Patrick Joseph	Primary PI	Microbiology	Leprosy Bacillus: From Genotype to Phenotype	6/15/01 -	4547
Chatterjee,Delphi	Co-PI	HHS-NIH-National Institutes of Health		4/30/06	\$374,316
Spencer,John S	Co-PI				
Brennan,Patrick Joseph	Primary PI	Microbiology	Leprosy Research Support & Maintenance of an	6/30/95 -	4625
		HHS-PHS-AID-Microbio & Infectious Dis Re	Armadillo Colony: Part I: Leprosy Research..	6/29/02	\$426,468
Brennan,Patrick Joseph	Primary PI	Microbiology	Anti-Tuberculous & Neurochemical Activities of	11/1/00 -	5716
		CRDF Civilian Rsrch & Dvlpmt Foundation	Pyridazinoindoles & their Analogs via New...	4/30/02	\$5,000
Carlson,Jonathan O	Primary PI	Microbiology	Densoviruses as Transducing Vectors	4/1/01 -	4541
		HHS-NIH-NIAID-Allergy & Infect Diseases		3/31/02	\$239,250
Carlson,Jonathan O	Primary PI	Microbiology	Densoviruses as Transducing Vectors	7/1/01 -	4549
		HHS-NIH-National Institutes of Health		5/31/06	\$239,064
Chatterjee,Delphi	Primary PI	Microbiology	Structure of LAM in Relation to Biology &	6/1/96 -	4505
		HHS-PHS-AID-Microbio & Infectious Dis Re	Biosynthesis	6/30/02	\$186,458
Cooper,Andrea M	Primary PI	Microbiology	Immunopathogenesis of Mycobacterium Avium	9/1/97 -	4459
		HHS-PHS-AID-Microbio & Infectious Dis Re	Disease	8/31/02	\$252,050
Crick,Dean C	Primary PI	Microbiology	Cell Wall of M. Tuberculosis; Focus for Drug	9/30/99 -	4511
		HHS-PHS-AID-Microbio & Infectious Dis Re	Discovery-Project 3	8/31/03	\$146,285
Crick,Dean C	Primary PI	Microbiology	Strerol/Hopanoid Biosynthesis: an Anti-	6/15/01 -	4548
		HHS-NIH-National Institutes of Health	Tuberculosis Drug Target	5/31/05	\$253,750
Ellis,Robert P	Primary PI	Microbiology	Research and Development of Biologicals for the	5/1/00 -	6102
		Heska Corporation (Paravax) *	Prevention of Necrotizing Enteric Clostridiosis in Horses	11/1/01	\$78,312
Gentry-Weeks,Claudia R	Primary PI	Microbiology	Interaction of Enterococcus Faecalis With	2/15/99 -	4491
		HHS-PHS-AID-Microbio & Infectious Dis Re	Macrophages	1/31/04	\$126,826
Howell,Mark D	Primary PI	Microbiology	Identification of a Metalloproteinase Involved in	7/1/00 -	0170
		University of Colorado	the Production of Soluble Tumor Necrosis Factor Receptor	6/30/01	\$19,961

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Howell,Mark D	Primary PI Microbiology CytoLogic, Inc.	Identification of a Metalloproteinase Involved in the Production of Soluble Tumor Necrosis Factor Receptor	7/1/00 - 6/30/01	6049 \$28,943
Inamine,Julia M Belisle,John T	Primary PI Co-PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Definition of M. avium Colony Morphotypes	9/1/97 - 5/31/02	4460 \$194,291
Jones,Robert L	Primary PI Microbiology Aventis Pasteur, Inc.	Investigational Rabies Vaccine Clinical Trial	10/12/00 - 8/31/01	6020 \$12,600
Jones,Robert L	Primary PI Microbiology Aventis Pasteur, Inc.	Investigational Rabies Vaccine Clinical Trial	10/12/00 - 8/31/01	6020 \$90,563
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 \$17,091
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 \$10,858
Linden,James C Tengerdy, Robert	Primary PI Co-PI Microbiology USDA-Foreign Agricultural Service	Phytase Production by Solid Substrate Fermentation	3/1/01 - 2/28/04	2127 \$15,000
Mcneil,Michael R	Primary PI Microbiology HHS-DRR-Fogarty International Center	X-Ray Structure of UDP-Galactopyranose Mutase	9/1/98 - 8/31/01	4422 \$31,500
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 \$184,523
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 \$309,521
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 \$213,765
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 \$479,021
Orme,Ian M	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Defined Native Antigens & Immunity to Tuberculosis	3/1/96 - 2/28/01	4409 \$90,538
Orme,Ian M	Primary PI Microbiology HHS-PHS-Aging Research	Aging & Immunity to Tuberculosis	9/1/86 - 12/31/02	4431 \$250,332

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 \$223,468
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 \$6,704
Orme,Ian M	Primary PI	Microbiology	Animal Model Testing of Tuberculosis Drugs	9/30/99 - 4513
Frank,Anthony A	Co-PI	HHS-NIH-National Institutes of Health	9/29/06	\$445,636
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 \$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 \$66,094
Schweizer,Herbert P	Primary PI	Microbiology HHS-PHS-Biophysics & Physiological Sci.	Pseudomonas Autoinducer Biosynthesis & Drug Discovery 8/1/98 - 7/31/02	4485 \$210,725
Schweizer,Herbert P	Primary PI	Microbiology Cystic Fibrosis Foundation	Analysis of Pseudomonas Autoinducer- Regulated Proteins 4/1/99 - 3/31/01	5493 \$43,183
Wilcox,Christine L	Primary PI	Microbiology	Effects of Signaling Pathways on Herpes Simplex Virus Type 1 Reactivation 7/1/99 - 6/30/01	4500 \$36,936
Colgin,Mark	Co-PI	HHS-PHS-Biol Basis Research in Neurosci		
Wilcox,Christine L	Primary PI	Microbiology	Immunity to HSV-1 Infection in the Nervous System 9/29/99 - 9/28/01	4906 \$39,232
Baldwin,Susan L	Co-PI	HHS-PHS-Biol Basis Research in Neurosci		
Wilcox,Christine L	Primary PI	Microbiology	Neuronal Apoptosis Signaling in HSV-1 Reactivation 8/1/00 - 7/31/03	4913 \$20,805
Hunsperger,Elizabeth A	Co-PI	HHS-PHS-Biol Basis Research in Neurosci		
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	4300 \$59,001
Allison,Robin W	Primary PI	Pathology	Feline Immunodeficiency Virus (FIV) of Vertical HIV Transmission & Intervention 4/1/00 - 3/31/04	4519 \$80,778
Hoover,Edward A	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re		
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 \$201,006
Avery,Anne C	Primary PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Antigen Presentation in Malaria Infection 12/1/98 - 11/30/02	4514 \$60,346
Avery,Anne C	Primary PI	Pathology ACLAM Foundation	The Effects of Environmental Enrichment of Murine Immune Responses 7/1/00 - 9/30/00	5242 \$14,502
Avery,Anne C	Primary PI	Pathology Morris Animal Foundation	Molecular Diagnosis of Canine Hematologic Neoplasia 9/1/00 - 8/31/02	5247 \$50,000

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Baker,Dale C	Primary PI	Pathology American Heart Association	7/1/99 - 6/30/01	5024 \$39,395
Barillas-Mury,Carolina V	Primary PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	4/1/00 - 3/31/04	4517 \$252,221
Benjamin,Stephen A	Primary PI	Pathology	4/1/98 -	4476
Dean,Charles E	Co-PI	HHS-NIH-Bio Resp to Env Health Hazards	3/31/03	\$75,532
Benjamin,Stephen A	Primary PI	Pathology	8/21/00 -	4528
Painter,J. Todd	Co-PI	HHS-NIH-Bio Resp to Env Health Hazards	7/31/05	\$96,892
Benjamin,Stephen A	Primary PI	Pathology HHS-PHS-Superfund Hazardous Substances	4/1/92 - 3/31/01	7851 \$30,036
Demartini,James C	Primary PI	Pathology	8/1/98 -	4480
Keane,Kevin A	Co-PI	HHS-PHS-Lung Disease Research	7/31/01	\$71,353
Demartini,James C	Primary PI	Pathology	3/1/93 -	4521
Carlson,Jonathan O	Co-PI	HHS-NIH-NCI-National Cancer Institute	5/31/01	\$22,403
Demartini,James C	Primary PI	Pathology	3/1/93 -	4522
Carlson,Jonathan O	Co-PI	HHS-NIH-NCI-National Cancer Institute	5/31/01	\$124,598
Demartini,James C	Primary PI	Pathology	3/1/93 -	4522
Carlson,Jonathan O	Co-PI	HHS-NIH-NCI-National Cancer Institute	5/31/02	\$19,580
Demartini,James C	Primary PI	Pathology	8/4/00 -	4525
Kraipowich,Nicole R	Co-PI	HHS-PHS-Cancer Research Manpower	7/31/05	\$102,551
Gould,Daniel H	Primary PI	Pathology Colorado Division of Wildlife	7/1/00 - 12/31/01	0006 \$37,100
Gould,Daniel H	Primary PI	Pathology	9/25/00 -	1817
Spraker,Terry R	Co-PI	DOI-NPS-National Park Service	9/30/02	\$50,600
Hoover,Edward A	Primary PI	Pathology The Scripps Research Institute	7/1/00 - 6/30/01	4325 \$145,000
Hoover,Edward A	Primary PI	Pathology	9/30/00 -	4400
Troth,Sean P	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	5/31/04	\$81,011
Hoover,Edward A	Primary PI	Pathology	9/30/00 -	4400
Troth,Sean P	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	5/31/04	\$83,117

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 \$253,750
Hoover,Edward A	Primary PI	Pathology	Initial Events in Transmucosal Lentivirus Infection	9/30/00 - 4417
Rullkoetter,Amy E	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re		5/31/05 \$81,011
Hoover,Edward A	Primary PI	Pathology	Type 1 vs Type 2 Cytokine Response During FIV	3/1/97 - 4435
Avery,Paul R	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	Infection	2/28/01 \$33,106
Hoover,Edward A	Primary PI	Pathology	FIV Model of in Utero HIV Infection &	3/1/97 - 4436
Rogers,Arlin B	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	Intervention	2/28/01 \$33,132
Hoover,Edward A	Primary PI	Pathology	FIV Model of Perinatal HIV Infection &	5/1/96 - 4450
		HHS-PHS-Research for Mothers & Children	Intervention	4/30/01 \$154,593
Hoover,Edward A	Primary PI	Pathology	Pathogenesis of Feline Immunodeficiency Virus	1/1/98 - 4469
		HHS-PHS-AID-Microbio & Infectious Dis Re	Infection	12/31/01 \$398,501
Hoover,Edward A	Primary PI	Pathology	CWD: Role of the Lymphoid Tissue Phase in	8/1/00 - 4523
Sigurdson,Christina J	Co-PI	HHS-PHS-AID-Microbio & Infectious Dis Re	Prion Disease	7/31/05 \$81,011
Hoover,Edward A	Primary PI	Pathology	The Role of Dendritic Cells in Immunity to FIV	5/1/01 - 4543
Sprague,Wendy S	Co-PI	HHS-NIH-National Institutes of Health	Infection	4/30/06 \$81,545
Norrdin,Robert W	Primary PI	Pathology	Subchondral Bone Failure: Correlation of Strain	9/1/00 - 5249
		Morris Animal Foundation	with Scanning Electron Microscopic, Histologic & Physical Changes	8/31/01 \$16,490
Olver,Christine S	Primary PI	Pathology	The Role of the Duffy Glycoprotein in Murine	8/1/00 - 4524
		HHS-PHS-AID-Microbio & Infectious Dis Re	Malaria Infections	7/31/03 \$117,342
Smith,Joseph D	Primary PI	Pathology	Molecular Analysis of P.falciparum Erythrocyte	7/1/01 - 4545
		HHS-NIH-National Institutes of Health	Membrane Protein 1 (PfEMP1) Binding Activity	5/31/06 \$238,308
Thrall,Mary Anna	Primary PI	Pathology	Characterization of Feline Niemann-Pick Type C	9/30/91 - 4542
		HHS-NIH-National Institutes of Health		3/31/04 \$214,262
Thrall,Mary Anna	Primary PI	Pathology	Characterization of Feline Niemann Pick Type C	10/1/00 - 5232
		National Nieman-Pick Disease Found., Inc		9/30/01 \$40,216
Titus,Richard G	Primary PI	Pathology	Evaluation of L Major Shed/Excreted Antigen as	10/1/00 - 2641
		DOD-ARMY-Military Medical Research & Dev	Vaccine Candidates; Part 1	9/30/01 \$90,000
Titus,Richard G	Primary PI	Pathology	Role of Sand Fly & Tick Saliva in Disease	2/1/98 - 4473
		HHS-PHS-AID-Microbio & Infectious Dis Re		1/31/03 \$303,811

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Titus,Richard G	Primary PI Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Immune Response to Leishmania Major	4/1/93 - 6/30/02	4478 \$309,050
Titus,Richard G	Primary PI Pathology Rhone-Poulenc Rorer	Post Doctor of Veterinary Medicine Trainee Position	7/1/95 - 9/30/00	6120 \$8,775
Vandewoude,Sue	Primary PI Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Immunity Induced by Avirulent Lentiviruses in Cats	6/15/97 - 5/31/02	4447 \$58,173
Anthony,Russell V	Primary PI Physiology University of Colorado Health Sci Ctr	IUGR: Early Placental Development & Function	9/15/98 - 6/30/01	7501 \$56,315
Bowen,Richard A	Primary PI Physiology CIRB-Colo. Inst.of Research in Biotech.	Fellowship for Laura Austgen	11/1/00 - 6/30/01	0173 \$8,000
Bowen,Richard A	Primary PI Physiology Grayson-Jockey Club Research Foundation	Development & Testing of Genetic Vaccines for Vesicular Stomatitis	4/1/00 - 3/31/02	5234 \$6,880
Bowen,Richard A	Primary PI Physiology Fort Dodge Animal Health (old Cyanamid)	Development & Testing of a DNA Vaccine to Prevent West Nile Virus	12/1/00 - 5/31/02	6090 \$342,367
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 \$16,006
Clay,Colin	Primary PI Physiology HHS-PHS-Population Research	Regulation of GnRH Receptor Gene Expression	1/1/95 - 12/31/01	7836 \$259,730
Clay,Colin	Primary PI Physiology HHS-NIH-National Institutes of Health	Regulation of GnRH Receptor Gene Expression	1/1/95 - 12/31/04	7861 \$91,894
Graham,James K	Primary PI Physiology USDA-CSRS-CGP-Competitive Grants Program	Altering Bull Sperm Membranes to Enhance Cyrosurvival	9/1/00 - 8/31/03	1462 \$240,000
Graham,James K	Primary PI Physiology USDA-APHIS-Animal Damage Control	Contraception of Rodents using DiazaCon	8/30/99 - 10/31/00	2008 \$5,320
Graham,James K	Primary PI Physiology USDA-APHIS-Animal Damage Control	Contraception of Rodents using DiazaCon	8/30/99 - 10/31/00	2008 \$1,374
Graham,James K	Primary PI Physiology USDA-APHIS-Animal Damage Control	Effect of Nicarbazin on the Reproductive Performance of Mallard Ducks	5/1/00 - 4/30/02	2039 \$25,000
Graham,James K	Primary PI Physiology National Association of Animal Breeders	Cyropreservation of Bull Sperm Pre-loaded with Cholesterol	12/13/00 - 6/30/01	5341 \$14,863
Ishii,Douglas N	Primary PI Physiology CIRB-Colo. Inst.of Research in Biotech.	Colorado Institute for Research in Biotechnology Fellowship for Sean Lupien	11/1/00 - 6/30/01	0177 \$8,000

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Ishii,Douglas N	Primary PI Physiology HHS-CDC-Environ. Hlth & Injury Control	Recover from Ischemic Brain Injury (Project 4)	9/1/00 - 8/31/01	7849 \$65,370
Miller,Charles W	Primary PI Physiology Myogen	Establishment of a Repeatable Model of Cardiac Hypertrophy & Failure in the Rat	1/1/01 - 12/31/01	6119 \$23,169
Nett,Torrance M	Primary PI Physiology Gonex, Inc	GnRH Analog Toxins for Targeted Gonadotroph Ablation	4/1/99 - 3/31/01	7500 \$141,869
Niswender,Gordon D	Primary PI Physiology USDA-CSRS-CGP-Competitive Grants Program	Molecular Control of Luteal Secretion of Progesterone in Ruminants	9/15/98 - 9/30/02	1463 \$199,999
Niswender,Gordon D	Primary PI Physiology HHS-PHS-Population Research	Training in Mammalian Reproductive Biology	9/1/77 - 4/30/05	7907 \$137,568
Niswender,Gordon D	Primary PI Physiology HHS-PHS-Population Research	Training in Mammalian Reproductive Biology	9/1/77 - 3/31/05	7941 \$63,569
Phillips,Robert W	Primary PI Physiology NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs	3/1/99 - 6/30/01	1992 \$36,650
Phillips,Robert W	Primary PI Physiology NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs	3/1/99 - 6/30/01	1992 \$6,491
Roess,Deborah A	Primary PI Physiology Northwestern University	Role of b-Arrestin in LH/CG Receptor Desensitization	5/1/00 - 4/30/01	7532 \$37,751
Roess,Deborah A	Primary PI Physiology Northwestern University	Role of b-Arrestin in LH/CG Receptor Desensitization	5/1/00 - 4/30/02	7532 \$37,751
Roess,Deborah A	Primary PI Physiology HHS-PHS-NCI-Cancer Treatment Center	Membrane Events Following Hormone Binding to LH Receptor	7/1/87 - 3/31/02	7761 \$71,670
Seidel Jr,George E	Primary PI Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 - 6/30/01	6279 \$76,113
Seidel Jr,George E	Primary PI Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 - 6/30/01	6279 \$24,230
Seidel Jr,George E	Primary PI Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 - 6/30/01	6279 \$452,013
Squires,Edward L Graham,James K	Primary PI Co-PI AQHA-American Quarter Horse Assoc.	Methods to Assess & Minimize Sperm Damage During Cooling & Storage	10/1/00 - 9/30/01	5007 \$20,092
Tamkun,Michael	Primary PI Physiology American Heart Association	Molecular Mechanisms of Hypoxia-Induced Pulmonary Hypertension	1/1/01 - 12/31/01	5148 \$55,000

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
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 \$380,605
Tamkun,Michael	Primary PI Physiology HHS-NIH-NHLBI-Natl Heart, Lung, & Blood	Regulatory Mechanisms of Cardiac Repolarization	1/1/93 - 12/31/01	7764 \$294,175
Tamkun,Michael	Primary PI Physiology	Role of mNav2.3 in Uterine Contraction	12/8/98 -	7932
Martens,Jeffrey R	Co-PI HHS-PHS-Research for Mothers & Children		12/9/01	\$36,700
Tucker,Alan	Primary PI Physiology University of Colorado Health Sci Ctr	Impact of Lung Injury on the Immature Pulmonary Circulation	12/1/96 - 11/30/01	7505 \$50,528
Tucker,Alan	Primary PI Physiology	Short-Term Training for Minority Students	5/1/98 -	7787
Florant,Gregory L	Co-PI HHS-Heart and Vascular Disease Research		4/30/03	\$44,096
Bedford,Joel S	Primary PI Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	HZE Radiation Induced Chromosomal Instability	9/30/97 - 9/30/01	7772 \$95,903
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 \$190,187
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	7902 \$279,460
Borak,Thomas B	Primary PI Radiological Health Sciences Loma Linda University & Medical Center	Measurements of Target Fragments Generated in Tissue by 2000 MeV Protons	5/1/00 - 4/30/01	2707 \$59,995
Fox,Michael H	Primary PI Radiological Health Sciences Cytomation GTX, Inc.	Flow Cytometric Analysis of Genotoxicity	10/16/00 - 9/30/01	7504 \$47,125
Larue,Susan M	Primary PI Radiological Health Sciences Morris Animal Foundation	Molecular Cytogenetics of Canine Cancer	9/1/98 - 2/28/02	5482 \$30,814
Larue,Susan M	Primary PI Radiological Health Sciences Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	9/20/00 - 6/30/01	7507 \$256,760
Larue,Susan M	Primary PI Radiological Health Sciences Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	9/20/00 - 6/30/01	7508 \$39,038
Lett,John T	Primary PI Radiological Health Sciences DOD-USAF-Air Force	Contract No. F41622-00-M-S047	5/15/00 - 12/30/00	2421 \$5,000
Mcniel,Elizabeth Ann	Primary PI Radiological Health Sciences HHS-NIH-National Institutes of Health	A Novel Cancer Model: Vaccine Associated Sarcoma in Cats	4/1/01 - 3/31/06	4535 \$123,471
Mcniel,Elizabeth Ann	Primary PI Radiological Health Sciences VAFSTF-Vaccine Assoc Feline Sarcoma Task	Evaluation of Mutagenicity of Feline Vaccines Using the AL Assay	5/1/01 - 4/30/02	5086 \$49,579

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## Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$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 - 9/30/01	3932 \$14,963
Smith,Maria Leia M	Primary PI Radiological Health Sciences DOD - US Department of Defense	Identification of Novel Tumor Suppressor Genes in Breast Cancer Using Gene Trapping Technique	9/30/00 - 10/30/01	2308 \$70,700
Ullrich,Robert L	Primary PI Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Carcinogenic Interactions of Radiation & Chemicals	3/1/86 - 11/30/01	7863 \$143,550
Ullrich,Robert L	Primary PI Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Genomic Instability in High LET Carcinogenesis	9/30/97 - 9/30/02	7864 \$6,535
Ullrich,Robert L	Primary PI Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Genomic Instability in High LET Carcinogenesis	9/30/97 - 9/30/02	7864 \$110,503
Waldren,Charles A	Primary PI Radiological Health Sciences Nabisco Company	Mutagenicity in the AC/PECH Cell System of Food Mutagens	1/1/90 - 12/31/01	6569 \$32,625
Waldren,Charles A	Primary PI Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Cell Genetic Damage at Low Dose & Low Dose Rate	9/1/84 - 1/31/01	7649 \$8,108
Whicker,F Ward Pinder,John E	Primary PI Co-PI Radiological Health Sciences University of Georgia	Efficiency of a Biotic System for Remediating Radionuclide Contamination	7/1/97 - 6/30/01	9337 \$35,279

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Awards Received - 109

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## Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Chapital,Martelle	Primary PI	Academic Advancement Center DE-Student Support Services	Student Support Services	9/1/97 - 4265
				8/31/02 \$267,119
Chapital,Martelle	Primary PI	Academic Advancement Center DE-Student Support Services	Student Support Services	9/1/97 - 4265
				8/31/02 \$275,133
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director	7/1/93 - 5500
				12/31/03 \$14,774
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director	7/1/93 - 5500
				12/31/03 \$14,774
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director	7/1/93 - 5500
				12/31/03 \$14,774
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director	7/1/93 - 5500
				12/31/03 \$14,774
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 - 1364
				9/30/00 \$5,000
Sommers,Lee E	Primary PI	Agric Experiment Station USDA-CSREES-Coop State Rsrch Edu & Ext	Agricultural Research	3/1/01 - 2085
				9/30/01 \$10,000
Schweissing,Frank C	Primary PI	Arkansas Valley Research Ctr Colorado Dry Bean Admin. Committee	Variety Trials at Rocky Ford	1/1/99 - 5023
				12/31/01 \$1,000
Deguzman,Glenn	Primary PI	Asian/Pacific American Stu Ser City of Fort Collins - Fort Fund	Asian Fest 2001	2/21/01 - 5025
				2/20/02 \$1,200
Felix,Oscar	Primary PI	Center Educ Access & Outreach Colorado Department of Education	Upward Bound Summer Food Service Program	6/1/01 - 0491
				7/31/01 \$8,500
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Dept of Educa - Upward Bound Program	Colorado State University Upward Bound Program	6/1/99 - 4217
				5/31/03 \$416,625
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Dept of Educa - Upward Bound Program	Colorado State University Upward Bound Program	6/1/99 - 4217
				5/31/03 \$417,794
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Educational Opportunity Centers	Educational Opportunity Center	9/1/99 - 4218
				8/31/04 \$1,000
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Educational Opportunity Centers	Educational Opportunity Center	9/1/99 - 4218
				8/31/04 \$415,638

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## Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Thayer,Paul	Primary PI	Center Educ Access & Outreach	Summer College Prep Program	6/6/01 - 5426
Felix,Oscar	Co-PI	Daniels Fund/Foundation*		12/31/01 \$30,557
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Implementing Best Management Practices in	4/4/01 - 0475
Waskom,Reagan M	Co-PI	Colorado Dept Public Health & Environ	Colorado's Irrigated Agriculture	11/30/01 \$9,960
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Technology Transfer/Information Dissemination	3/1/01 - 2956
		DOI-USGS-Geological Survey		2/28/06 \$30,701
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Managed Groundwater Recharge for Habitat	3/1/01 - 2957
		DOI-USGS-Geological Survey	Restoration	2/28/06 \$3,624
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Description & Interpretation of Salinization in the	3/1/01 - 2958
Gates,Timothy K	Co-PI	DOI-USGS-Geological Survey	Lower Arkansas River Valley	2/28/06 \$18,520
Labadie,John W	Co-PI			
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Eutrophication of Reservoirs on the Colorado	3/1/01 - 2959
		DOI-USGS-Geological Survey	Front Range	2/28/06 \$4,166
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Distribution, Habitat, Life History of Brassy	3/1/01 - 2960
		DOI-USGS-Geological Survey	Minnow in E. Colorado	2/28/06 \$9,310
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Applicability of Trophic Status Indicators to	3/1/01 - 2961
		DOI-USGS-Geological Survey	Colorado Plains Reservoirs	2/28/06 \$4,166
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Enhancements to South Platte Mapping &	3/1/01 - 2962
		DOI-USGS-Geological Survey	Analysis Program (SPMAP)	2/28/06 \$4,834
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Developing a Decision Support System for the	3/1/97 - 5153
Garcia,Luis	Co-PI	Various "Non-Profit" Sponsors	South Platte Basin	11/30/01 \$10,000
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Developing a Decision Support System for the	3/1/97 - 5153
Garcia,Luis	Co-PI	Various "Non-Profit" Sponsors	South Platte Basin	12/31/01 \$10,000
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Forest Management, Water Yield, & Water	2/1/00 - 5335
Macdonald,Lee H	Co-PI	Denver Water Department	Quality: A State-Of-The-Art Assessment	2/28/01 \$10,000
Ward,Robert C	Primary PI	Colo Water Resources Res Inst	Forest Management, Water Yield, & Water	2/1/00 - 5666
Macdonald,Lee H	Co-PI	Colorado River Water Conservation Dist.	Quality: A State-of-the-Art Assessment	2/28/01 \$10,000
Schomaker,Michael E	Primary PI	Colorado State Forest Svc-Csu	Colorado Component of the National Enhanced	9/21/00 - 8743
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	Forest Inventory & Analysis (FIA) Program	6/30/02 \$278,416
Anderson,Jennifer E.L	Primary PI	Cooperative Extension	Nutrition Education Plan (adult FSNEP)	10/1/00 - 0017
		Colorado Department of Human Service		9/30/01 \$1,301,558

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## Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Champion,Daniel F	Primary PI	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	Environmental Quality Incentives Program Priority Area: Montrose Unit 1/29/01 - 9/30/01	2068 \$14,800
Champion,Daniel F	Primary PI	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	Environmental Quality Incentives Program Priority Area: Montrose Unit 1/29/01 - 9/30/01	2068 \$4,400
Champion,Daniel F	Primary PI	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	Environmental Quality Incentives Program Priority Area: Grand Valley Unit 1/29/01 - 9/30/01	2076 \$26,800
Champion,Daniel F	Primary PI	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	Environmental Quality Incentives Program Priority Area: Delta Unit 1/29/01 - 9/30/01	2077 \$28,400
Donley,Vanessa	Primary PI	Cooperative Extension ** Auburn University	USDA/Army School-Age and Teen Project 1/8/01 - 9/30/01	1366 \$64,949
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 - 12/31/01	0417 \$80,200
Gray,Mary Mcphail Miller,Jacque L	Primary PI Co-PI	Cooperative Extension Div. of Criminal Justice/CO Dept Pub Saf	Partnerships for Community Safety 1/1/00 - 9/30/01	0424 \$42,500
Gray,Mary Mcphail Zamora-Van Sice,Rebecc	Primary PI Co-PI	Cooperative Extension CORRA-Colo Ofc of Res & Ref Agencies Inc	Child Care Development Fund Contract 7/1/00 - 6/30/01	4312 \$23,209
Hart,Amy L	Primary PI	Cooperative Extension Colorado Action for Healthy People	Wellness Web 10/15/00 - 10/14/01	5350 \$10,000
Jonsson,Sheri Lynn	Primary PI	Cooperative Extension March of Dimes	Folic Acid Education in Prowers, Otero & Crowley Counties 1/1/01 - 12/31/01	5414 \$4,300
Leidheiser,Dale A	Primary PI	Cooperative Extension Colorado Department of Education	Character Education Clearinghouse 7/1/00 - 6/30/01	0016 \$10,000
Miller,Margaret F	Primary PI	Cooperative Extension Colorado Trust	School Initiative - Community Grants 1/15/01 - 5/15/05	5423 \$174,577
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 - 9/29/01	4527 \$479,825
Miller-Heyl,Janet L	Primary PI	Cooperative Extension Montezuma County Partners, Inc.	Family Skill Building workshops for Juvenile Diversion Criteria Youth & Parents 11/1/98 - 7/31/01	5686 \$12,054
Rewerts,Milan A	Primary PI	Cooperative Extension Colorado Department of Local Affairs	2001 Department of Local Affairs - Loveland (Mineral Impact Funds) 1/1/00 - 12/31/01	0462 \$80,000

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Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount	
Rewerts,Milan A	Primary PI	Cooperative Extension Colorado Department of Local Affairs	2001 Department of Local Affairs - Pueblo (Mineral Impact funds)	1/1/01 - 12/31/01	0463 \$80,030
Valliant,James C	Primary PI	Cooperative Extension DOI-Bureau of Reclamation	Arkansas River Basin Watershed Forum	5/5/99 - 9/30/01	2801 \$3,000
Whaley,Christine B Steele,Douglas L	Primary PI Co-PI	Cooperative Extension Red Rocks Community College	Partners in Parenting	10/1/00 - 6/30/01	5117 \$41,619
Thorson,Shari L	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Accident Investigation/Reconstruction	11/9/00 - 9/30/01	0039 \$63,725
Thorson,Shari L	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Drug Prevention	11/9/00 - 9/30/01	0040 \$63,725
Salas,Richard A	Primary PI	El Centro Student Services City of Fort Collins - Fort Fund	Hispanic Heritage Month Celebration	6/28/00 - 6/27/01	5064 \$1,500
Child,R. Dennis	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program - Peter Adler	9/1/97 - 8/31/01	3602 \$28,300
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 - 5/31/01	3084 \$27,300
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 - 8/31/01	3085 \$27,300
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 - 8/31/01	3095 \$27,300
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Fast Track to Work: Scholarships for Graduate Students in Computer Science, Engineering & Mathematics	1/15/01 - 12/31/02	3188 \$270,000
Fry,James L Elhakim,Omnia	Primary PI Co-PI	Graduate School University of Colorado	PEAKS Alliance for Graduate Education & the Professoriate	10/1/00 - 9/30/01	3414 \$200,000
Fry,James L Poff,N. Leroy	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for Debra Finn	6/1/98 - 8/31/01	3603 \$27,300
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program National Science Foundation - John Bradford	9/1/97 - 8/31/01	3605 \$27,300
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program Lisa Savage	8/1/99 - 8/31/01	3607 \$27,300

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Wilcox, Anne M	Primary PI Graduate School DE-Ronald E McNair Post-Baccal Achieve	Ronald E. McNair Postbaccalaureate Achievement Program	10/1/99 - 9/30/04	4216 \$221,827
Ahmad, Hosam-Aldeen	Primary PI Housing City of Fort Collins - Fort Fund	Knowing the World Series	2/21/01 - 2/20/02	5066 \$750
Bertschy, William J	Primary PI Housing DOI-NPS-National Park Service	The Working Cache La Poudre: The Evolving Landscape of a Western River	9/1/00 - 10/1/01	2865 \$55,500
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 \$146,509
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 \$12,966
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 \$82,726
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 \$145,523
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 \$10,326
Cook, Alicia Skinner	Primary PI International Programs DE-Undergrad Intl Studies & Foreign Lang	International Development Studies Undergraduate Enhancement Project	6/1/00 - 5/31/02	4220 \$49,367
Denney, Martha Annette	Primary PI International Programs Action/Peace Corps	Strategy Contract 2000-2001	8/15/00 - 8/14/01	1011 \$17,247
Gorell, Thomas A	Primary PI Provost/Academic V P HHMI-Howard Hughes Medical Institute	Program Assessment	9/1/98 - 8/31/02	5674 \$1,950
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 \$396,500
Davidson, Robert D Zink, Richard T	Primary PI Co-PI San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Evaluation of Advanced Potato Clones for Resistance to Powdery Scab	6/30/01 - 6/29/02	5097 \$10,100
Davidson, Robert D Sather, Kent P	Primary PI Co-PI San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Colorado Potato Certification Service	11/1/97 - 4/30/00	5362 \$42,160
Davidson, Robert D Sather, Kent P	Primary PI Co-PI San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Colorado Potato Certification Service	5/1/00 - 4/30/01	5544 \$81,500
Dillon, Merlin A	Primary PI San Luis Valley Research Ctr Potato Administration of Colorado	Biocontrol Crops to Enhance Potato Production	7/1/98 - 6/30/01	8327 \$7,500

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## Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Dates	Proj # \$Amount
Holm,David G	Primary PI San Luis Valley Research Ctr University of California at Davis	Potato Breeding Program	1/1/93 - 12/31/00	5063 \$2,000
Holm,David G	Primary PI San Luis Valley Research Ctr University of California at Davis	Potato Breeding Program	1/1/93 - 12/31/01	5063 \$2,000
Holm,David G	Primary PI San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Potato Breeding Program	6/1/00 - 12/31/01	5542 \$5,858
Holm,David G	Primary PI San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Potato Breeding Program	6/1/00 - 12/31/01	5542 \$52,937
Holm,David G	Primary PI San Luis Valley Research Ctr San Luis Valley Research Ctr. Committee	Scientific Services - Fernanda Popiel	7/1/00 - 7/30/01	6082 \$32,505
Holm,David G	Primary PI San Luis Valley Research Ctr Potato Administration of Colorado	Potato Breeding & Selection	7/1/97 - 6/30/01	8320 \$28,000
Holm,David G	Primary PI San Luis Valley Research Ctr Potato Administration of Colorado	Potato Cultivar Development for Northern Colorado	7/1/97 - 6/30/01	8336 \$2,800
Thompson,Asunta L Holm,David G	Primary PI Co-PI San Luis Valley Research Ctr USDA-CSRS-Coop. States Research Service	Potato Breeding & Cultivar Development in the Southwest	8/15/99 - 8/31/01	1362 \$108,000
Thompson,Asunta L	Primary PI San Luis Valley Research Ctr Potato Administration of Colorado	Cultural & Physiological Studies	7/1/97 - 6/30/01	8325 \$18,100
Zink,Richard T	Primary PI San Luis Valley Research Ctr Potato Administration of Colorado	Fungicide Screening and Evaluation Trials	7/1/97 - 6/30/01	8328 \$21,000
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 \$133,656
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 \$53,288
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 \$2,649
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 - 12/31/01	1806 \$10,000
Berrada,Abdelfettah	Primary PI Southwestern Colorado Res Ctr Colorado Dry Bean Advisory Board	South Western Colorado Crop Research	11/1/92 - 12/31/01	5253 \$2,000

\*Managed Sponsor

\*\*Inter-departmental Project

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

## Other - Awards

<b>Investigators/Collaborators</b>	<b>Department/Sponsor</b>	<b>Title</b>	<b>Dates</b>	<b>Proj #</b> <b>\$Amount</b>
Immasche,Sonia M	Primary PI	Student Center City of Fort Collins - Fort Fund	Community Homecoming Parade 6/28/00 - 6/27/01	5080 \$1,500
Felix,Oscar	Primary PI	Talent Search Program DE-Department of Education Talent Search	University Talent Search 9/1/98 - 8/31/02	4266 \$299,907
Felix,Oscar	Primary PI	Talent Search Program DE-Department of Education Talent Search	University Talent Search 9/1/98 - 8/31/02	4266 \$1,000
Hopkins,Donn	Primary PI	University Police City of Fort Collins	Multijurisdictional Drug Task Force 10/1/95 - 6/30/01	5041 \$61,081
Hopkins,Donn	Primary PI	University Police Colorado Association of Chiefs of Police	Marijuana Eradication Grant 8/1/98 - 7/31/01	5614 \$1,000
Smith,Ralph E	Primary PI	V P Research & Info Technology State of Colorado - Governors Office	Northern Front Range Air Quality Study 9/19/95 - 10/1/98	0835 \$1,112
Caspari,Horst W Wilhelm,John B	Primary PI Collaborator	Western Colorado Research Ctr Washington Tree Fruit Research Commiss.	Partial Rootzone Drying - A New Deficit Irrigation Strategy for Apples & Pears 4/1/01 - 12/31/01	5062 \$63,252
Pearson,Calvin H	Primary PI	Western Colorado Research Ctr Colorado Dry Bean Advisory Board	Agronomic Dry Bean Research in Western Colorado 1/1/00 - 12/31/01	5518 \$2,000
Zimmerman,Rick J Gaus,Alvan G	Primary PI Co-PI	Western Colorado Research Ctr Utah State	Reducing Chemical Inputs in Arid-Climates Through Sustainable Orchard Management 9/1/98 - 8/31/01	1338 \$4,694

\*Managed Sponsor

\*\*Inter-departmental Project

Awards Received - 116

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, 2000 - June 30, 2001\*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
01307301	Albright, Leonard	School Of Education	Hospitality Business Alliance	\$247,283.00
01256301	Asmus, Cheryl L	Dean Of Applied Human Sciences	US Department of Education	\$349,615.00
01263101	Asmus, Cheryl L	Dean Of Applied Human Sciences	US Department of Justice	\$358,979.00
01296101	Bamburg, James R	Biochemistry & Molecular Bio	HHS-NIH-National Institutes of Health	\$1,275,029.00
01310201	Barbarick, Kenneth A	Soil & Crop Sciences	EPA - Environmental Protection Agency	\$49,500.00
01212701	Beck, K George	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$128,106.00
01284801	Beck, K George	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$1,040,025.00
01202401	Berrada, Abdelfettah	Soil & Crop Sciences	USDA-Foreign Agricultural Service	\$44,952.00
01250501	Bhadra, Rajiv	Chemical & Biores Engineering	DOD - US Department of Defense	\$625,897.00
01228501	Bhadra, Rajiv	Chemical & Biores Engineering	USDA - US Department of Agriculture	\$279,732.00
01250001	Bhadra, Rajiv	Chemical & Biores Engineering	EPA - Environmental Protection Agency	\$433,901.00
01296201	Broner, Israel	Civil Engineering	USDA - US Department of Agriculture	\$1,999,940.00
01253801	Broner, Israel	Civil Engineering	Astrium	\$553,965.00
01208801	Brummer, Joe E	Soil & Crop Sciences	USDA - US Department of Agriculture	\$146,636.00
01280301	Buchan, Roy M	Environmental Health	HHS-CDC-Centers for Disease Control	\$4,809,638.00
01292101	Burke, Ingrid C	Forest Sciences	DOI - US Department of the Interior	\$320,883.00
01242301	Burke, Ingrid C	Forest Sciences	NASA - Natl Aeronautics & Space Admin.	\$578,581.00
01200101	Byrne, Patrick F	Soil & Crop Sciences	USDA-Foreign Agricultural Service	\$43,750.00
01273601	Byrne, Patrick F	Soil & Crop Sciences	USDA - US Department of Agriculture	\$245,835.00
01272601	Chen, Peter	Psychology	American Psychological Association	\$24,792.00
01293601	Clements, William H	Fish & Wildlife Biology	EPA - Environmental Protection Agency	\$896,212.00
01294401	Cobb, R Brian	School Of Education	US Department of Education	\$1,777,974.00
01300501	Cotton, Scott E	Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	\$1,992,753.00
01207401	Cotton, Scott E	Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	\$98,000.00
01275901	Coughenour, Michael B	Natural Resource Ecology Lab	NSF - National Science Foundation	\$2,999,291.00
01274301	Covich, Alan P	Fish & Wildlife Biology	NSF - National Science Foundation	\$2,412,431.00
01251201	Curthoys, Norman P	Biochemistry & Molecular Bio	University of Colorado	\$104,925.00
02313901	Dandy, David S	Chemical & Biores Engineering	EPA - Environmental Protection Agency	\$449,303.00
01213701	Dandy, David S	Chemical & Biores Engineering	NSF - National Science Foundation	\$1,898,188.00
01313101	Davis, Jessica G	Soil & Crop Sciences	USDA - US Department of Agriculture	\$599,901.00
02319801	Davis, Richard A	Statistics	NSF - National Science Foundation	\$2,563,772.00
01227501	Ellis, James	Natural Resource Ecology Lab	USDA - US Department of Agriculture	\$382,714.00
01206401	Ellis, James	Natural Resource Ecology Lab	DOS-AID-Agency for Inter. Development	\$50,001.00
01247901	Fisher, Ellen R	Chemistry	NSF - National Science Foundation	\$434,833.00
01268501	Fisher, Ellen R	Chemistry	NSF - National Science Foundation	\$1,064,032.00

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See the following pages for a detail breakdown

## Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
01287101	Garry, Franklyn B	Clinical Sciences	USDA - US Department of Agriculture	\$1,304,384.00
01273201	Geary, Edward E	Center For Sci, Math & Tech Ed	Montana State University	\$1,576,481.00
01279701	Hackett, Timothy B	Clinical Sciences	Morris Animal Foundation	\$67,618.00
01226901	Hammon, Robert W	Bioagricultural Sci & Pest Mgmt	USDA-Western Region I.P.M. Program	\$49,036.00
01205501	Hammon, Robert W	Bioagricultural Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Pr	\$51,526.00
01232201	Hanan, Niall P	Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	\$1,061,275.00
01276301	Hanan, Niall P	Natural Resource Ecology Lab	NSF - National Science Foundation	\$1,424,965.00
01204901	Hayne, Stephen C	Computer Information Systems	NSF - National Science Foundation	\$62,522.00
01229501	Heil, Dean M	Soil & Crop Sciences	USDA - US Department of Agriculture	\$343,083.00
01287601	Hickey, Matthew	Dept Of Health & Exercise Sci	Slim-Fast Nutrition Institute	\$46,283.00
01223301	Hochheimer, Hans D	Physics	University of Wyoming	\$193,330.00
01228601	Hufbauer, Ruth A	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$264,241.00
01280201	James, Keith	Psychology	NSF - National Science Foundation	\$496,354.00
01261901	James, Susan P	Mechanical Engineering	Colorado Institute of Technology	\$33,986.00
01304801	Kaan, Dennis A	Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	\$22,895.00
01265201	Kawcak, Christopher E	Clinical Sciences	Whitaker Foundation	\$202,792.00
01248601	Kelly, Kathleen J	Marketing	University of Colorado	\$696,933.00
01187001	Kendall, Patricia A	Food Science & Human Nutrition	Cornell University	\$18,714.00
01229201	Klein, Donald A	Microbiology	USDA - US Department of Agriculture	\$343,454.00
01220501	Knop, Sheila A	Cooperative Extension	EPA - Environmental Protection Agency	\$4,980.00
02313701	Lauenroth, William K	Rangeland Ecosystem Science	NSF - National Science Foundation	\$905,700.00
01293801	Linden, James C	Microbiology	AgriHouse, Inc	\$148,252.00
01279001	Linden, James C	Chemical & Biores Engineering	Bateman-Merrick	\$640,981.00
01199801	Linden, James C	Microbiology	USDA-Foreign Agricultural Service	\$45,000.00
01303201	Linden, James C	Chemical & Biores Engineering	DOE - US Department of Energy	\$766,169.00
01295001	Loftis, Jim C	Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	\$399,716.00
01217001	Marley, Wanda	Physiology	American Heart Association	\$66,000.00
01274201	Mcconnell, Sherry	Anatomy & Neurobiology	US Department of Education	\$814,189.00
01245101	Medford, June I	Biology	NSF - National Science Foundation	\$2,495,356.00
01307601	Miller, Jacque L	Cooperative Extension	US Dept Housing & Urban Development	\$397,165.00
01289001	Miller-Heyl, Janet L	Cooperative Extension	HHS-SAMHSA-Subt Abuse & Mental Hlth S	\$1,125,378.00
01263801	Miller-Heyl, Janet L	Cooperative Extension	HHS-PHS-Public Health Services	\$894,070.00
01220601	Montgomery, Michael T	Atmospheric Science	NASA - Natl Aeronautics & Space Admin.	\$531,645.00
01186801	Morris, Debra A	University Health Services	University of Northern Colorado	\$171,947.00
01279801	Mueller, Ralf S	Clinical Sciences	Morris Animal Foundation	\$25,507.00

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See the following pages for a detail breakdown

## Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
01194401	Neff,Jason	Natural Resource Ecology Lab	California Institute of Technology	\$467,418.00
01226201	Norton,Andrew P	Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	\$60,745.00
01242001	Norton,Andrew P	Bioagriculturl Sci & Pest Mgmt	Cornell University	\$69,262.00
01253601	Norton,Andrew P	Bioagriculturl Sci & Pest Mgmt	American Vineyard Foundation	\$24,655.00
01219401	Ojima,Dennis	Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	\$2,970,175.00
01220901	Ojima,Dennis	Natural Resource Ecology Lab	University of New Hampshire	\$199,991.00
01224301	Ojima,Dennis	Natural Resource Ecology Lab	NSF - National Science Foundation	\$4,948,556.00
01300901	Ojima,Dennis	Natural Resource Ecology Lab	University of Wyoming	\$2,040,156.00
01216901	Paustian,Keith H	Natural Resource Ecology Lab	Battelle, Pacific Northwest Laboratories	\$60,000.00
01235401	Pickering,Kathleen A	Anthropology	USDA - US Department of Agriculture	\$227,515.00
01169201	Podmore,Terence H	Civil Engineering	HASNA Inc.	\$47,749.00
01249501	Ramsdell,Howard S	Environmental Health	DOD - US Department of Defense	\$1,199,038.00
01277401	Randall,David A	Atmospheric Science	DOE - US Department of Energy	\$3,701,424.00
01255701	Reardon,Kenneth F	Chemical & Bioes Engineering	EPA - Environmental Protection Agency	\$445,772.00
01253101	Robb,James G	Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	\$173,160.00
01275301	Roesner,Larry A	Civil Engineering	NSF - National Science Foundation	\$2,996,649.00
01235701	Saito,Laurel	Civil Engineering	NSF - National Science Foundation	\$498,404.00
01227901	Saito,Laurel	Civil Engineering	USDA - US Department of Agriculture	\$347,003.00
01295301	Salman,M D	Environmental Health	USDA-CSREES-Coop State Rsrch Edu & Ext	\$526,662.00
01309201	Salman,M D	Environmental Health	DOI-BLM-Bureau of Land Management	\$49,785.00
01286101	Saz,Sara M	Foreign Languages & Literature	US Department of Education	\$67,668.00
01309901	Schatz,Mona Struhsaker	Social Work	HHS-ACF-Admin. for Children & Families	\$499,319.00
01223201	Schwartz,Howard F	Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	\$229,789.00
02316701	Shackelford,Charles D	Civil Engineering	EPA - Environmental Protection Agency	\$3,999,645.00
01257401	Shackelford,Charles D	Civil Engineering	NSF - National Science Foundation	\$346,503.00
01294501	Sheafor,Bradford W	Dean Of Applied Human Sciences	Universidad de Atacama	\$7,737.00
01280801	Siciliano,Paul D	Animal Sciences	Morris Animal Foundation	\$70,850.00
02318001	Slusser,James R	Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	\$142,527.00
01265501	Smith,Charles A.P	Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	\$80,250.00
01210001	Sneider,Thomas W	Dean Of Natural Sciences	Arnold & Mabel Beckman Foundation	\$105,600.00
01303301	Sneider,Thomas W	Dean Of Natural Sciences	NSF - National Science Foundation	\$199,815.00
01212301	Sofos,John N	Animal Sciences	National Pork Producers Council	\$25,000.00
01249701	Sofos,John N	Animal Sciences	USDA - US Department of Agriculture	\$298,612.00
01220301	Stohlgren,Thomas J	Natural Resource Ecology Lab	NASA-Goddard	\$558,291.00
01289601	Vivanco,Jorge M	Horticulture & Landscape Arch	USDA-CSREES-Coop State Rsrch Edu & Ext	\$2,638,739.00

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See the following pages for a detail breakdown

## Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\*

*Sorted by Primary PI*

<b>Key Number</b>	<b>Primary PI</b>	<b>Administering Department</b>	<b>Sponsor</b>	<b>Total</b>
01302901	Warren, Steven D	Forest Sciences	NSF - National Science Foundation	\$369,290.00
02317601	Warren, Steven D	Forest Sciences	DOD-ARMY-ARO-Army Research Office	\$254,703.00
01226101	Westra, Philip	Bioagricultural Sci & Pest Mgmt	USDA-Western Region I.P.M. Program	\$89,276.00
01268201	Wheeler, Donna	Mechanical Engineering	CaP Biotechnology, Inc.	\$40,000.00
01295801	Wheeler, Donna	Mechanical Engineering	Stryker Biotech	\$177,480.00
01200901	Wickramasinghe, Ranil	Chemical & Biores Engineering	NSF - National Science Foundation	\$25,000.00
01235501	Wilkins-Wells, John R	Civil Engineering	Colorado State Water Conservation Board	\$136,132.00
01288201	Yu, Liangli	Food Science & Human Nutrition	USDA - US Department of Agriculture	\$1,864,568.00
01208901	Zimdahl, Robert L	Bioagricultural Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Pr	\$26,772.00

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See the following pages for a detail breakdown



**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Agric & Resource Economics*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Community-based Programs for Integrated Weed Management: Three Program Case Studies for Controlling Invasive ...	10/1/01 - 9/30/05	01284801 \$1,040,025
<i>Investigators/Collaborators:</i>				
Beck,K George	Primary PI	Bioagricultur Sci & Pest Mgmt		
Knight,Heather A.L	Co-PI	Fish & Wildlife Biology		
Seidl,Andrew F	Co-PI	Agric & Resource Economics		
Swanson,Louis E. Jr	Co-PI	Sociology		
Clinical Sciences	USDA - US Department of Agriculture	Intergrated Livestock Management Approach to Dairy Quality Assurance	10/1/01 - 9/30/05	01287101 \$1,304,384
<i>Investigators/Collaborators:</i>				
Garry,Franklyn B	Primary PI	Clinical Sciences		
Frasier,W. Marshall	Co-PI	Agric & Resource Economics		
Hoag,Dana Loyd	Co-PI	Agric & Resource Economics		
Salman,M D	Co-PI	Environmental Health		
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Biocomplexity of Network Interactions	10/1/01 - 9/30/06	01274301 \$2,412,431
<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		
Horticulture & Landscape Arch	USDA-CSREES-Coop State Rsrch Edu & Ext	Towards a Second Columbian Exchange: Oxalis tuberosa, a Novel Alternative Tuber Crop	10/1/01 - 9/30/05	01289601 \$2,638,739
<i>Investigators/Collaborators:</i>				
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch		
Holm,David G	Co-PI	San Luis Valley Research Ctr		
Loureiro,Maria L	Co-PI	Agric & Resource Economics		

\*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, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Agric & Resource Economics*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA - US Department of Agriculture	Value-added Compost: Creating Diversification for Rural Communities in Colorado	10/1/01 - 9/30/05	01313101 \$599,901
<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 Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	National Pork Producers Council	Optimization of Antimicrobials for Control of Listeria monocytogenes & for Acceptable Pork Product Quality	4/1/01 - 3/31/02	01212301 \$25,000
<i>Investigators/Collaborators:</i>				
Sofos, John N	Primary PI	Animal Sciences		
Belk, Keith	Co-PI	Animal Sciences		
Ikeda, Jack Sen	Co-PI	Animal Sciences		
Kendall, Patricia A	Co-PI	Food Science & Human Nutrition		
Samelis, Ioannis	Co-PI	Animal Sciences		
Smith, Gary C	Co-PI	Animal Sciences		
Animal Sciences	USDA - US Department of Agriculture	Microbial Ecology & Interactions in Decontaminated Fresh Meat & Produce	10/1/01 - 9/30/04	01249701 \$298,612
<i>Investigators/Collaborators:</i>				
Sofos, John N	Primary PI	Animal Sciences		
Ikeda, Jack Sen	Co-PI	Animal Sciences		
Kendall, Patricia A	Co-PI	Food Science & Human Nutrition		
Animal Sciences	Morris Animal Foundation	Effect of Nutrition & Exercise on Bone Growth, Development & Subsequent Bone Health in Weanling Horses	11/15/01 - 6/1/03	01280801 \$70,850
<i>Investigators/Collaborators:</i>				
Siciliano, Paul D	Primary PI	Animal Sciences		
Turner, Anthony Simon	Collaborator	Clinical Sciences		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Animal Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	USDA-CSREES-Coop State Rsrch Edu & Ext	Escherichia coli O157 in Cattle & Beef: Risks & Outreach Control Efforts	10/1/01 - 9/30/03	01295301 \$526,662

*Investigators/Collaborators:*

Salman,M D	Primary PI	Environmental Health
Smith,Gary C	Co-PI	Animal Sciences
Sofos,John N	Co-PI	Animal Sciences

Soil & Crop Sciences	USDA - US Department of Agriculture	Alternative Strategies to Reduce Feeding Costs in Intermountain Beef Cattle Operations	10/1/01 - 9/30/04	01208801 \$146,636
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*Investigators/Collaborators:*

Brummer,Joe E	Primary PI	Mountain Meadow Research Ctr
Zalesky,Douglas D	Co-PI	San Juan Basin Research Center
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center
Levalley,Roberta Baird	Collaborator	Cooperative Extension
Sharp,Rodney L	Collaborator	Cooperative Extension
Whittier,Jack C	Collaborator	Animal Sciences

**Bioagricultur Sci & Pest Mgmt**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Exploration of the Ethical Basis for Agricultural Sustainability	1/1/02 - 12/31/02	01208901 \$26,772

*Investigators/Collaborators:*

Zimdahl,Robert L	Primary PI	Bioagricultur Sci & Pest Mgmt
Davis,Jessica G	Co-PI	Soil & Crop Sciences

Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Does Genetic Variation of Yellow Toadflax Influence Its Management?	5/1/01 - 4/30/04	01212701 \$128,106
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*Investigators/Collaborators:*

Beck,K George	Primary PI	Bioagricultur Sci & Pest Mgmt
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\*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, 2000 - June 30, 2001\***

**Agricultural Sciences**

***Bioagricultural Sci & Pest Mgmt***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Cultural Practice, Cropping System & Host Resistance Effects on Fusarium Wilt of Common Bean	7/1/01 - 6/30/04	01223201 \$229,789
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Byrne,Patrick F	Co-PI	Soil & Crop Sciences		
Lawrence,Christopher B	Co-PI	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	USDA-Western Region I.P.M. Program	Sustaining Colorado Agro-ecosystems through Interdisciplinary Site-Specific Pest Management	7/1/01 - 6/30/03	01226101 \$89,276
<i>Investigators/Collaborators:</i>				
Westra,Philip	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Mycophagous Mites as Biological Control Agents of Grape Powdery Mildew	6/1/01 - 5/30/03	01226201 \$60,745
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Origins & Hybridization of Diffuse & Spotted Knapweeds Inferred from Molecular Data	7/1/01 - 6/30/04	01228601 \$264,241
<i>Investigators/Collaborators:</i>				
Hufbauer,Ruth A	Primary PI	Bioagricultural Sci & Pest Mgmt		
Henk,Shanna C	Co-PI	Biology		
Bioagricultural Sci & Pest Mgmt	Cornell University	Biological Control of Grape Powdery Mildew Using Mycophagous Mites	7/1/01 - 6/30/03	01242001 \$69,262
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	American Vineyard Foundation	Beneficial Mites as Biological Control Agents for Grape Powdery Mildew	5/1/01 - 4/30/02	01253601 \$24,655
<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		

\*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, 2000 - June 30, 2001\***

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**Agricultural Sciences**

***Bioagricultural Sci & Pest Mgmt***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Community-based Programs for Integrated Weed Management: Three Program Case Studies for Controlling Invasive ...	10/1/01 - 9/30/05	01284801 \$1,040,025
<i>Investigators/Collaborators:</i>				
Beck,K George	Primary PI	Bioagricultural Sci & Pest Mgmt		
Knight,Heather A.L	Co-PI	Fish & Wildlife Biology		
Seidl,Andrew F	Co-PI	Agric & Resource Economics		
Swanson,Louis E. Jr	Co-PI	Sociology		
Civil Engineering	Astrium	Developing Agronomic Parameter Estimations from Remote Sensing Data	2/15/01 - 2/14/03	01253801 \$553,965
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagricultural Sci & Pest Mgmt		
Civil Engineering	NSF - National Science Foundation	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
<i>Investigators/Collaborators:</i>				
Roesner,Larry A	Primary PI	Civil Engineering		
Cheng,Antony S	Co-PI	Forest Sciences		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Kondratieff,Boris C	Co-PI	Bioagricultural Sci & Pest Mgmt		
Saito,Laurel	Co-PI	Civil Engineering		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Bledsoe,Brian	Collaborator	Civil Engineering		
Loftis,Jim C	Collaborator	Civil Engineering		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Agricultural Sciences**

***Bioagricultur Sci & Pest Mgmt***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Decision Support System Integrating Remote Sensing & Multidisciplinary Precision Farming Strategies	9/1/01 - 8/31/05	01296201 \$1,999,940
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Bausch,Walter C	Co-PI	Civil Engineering		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Kaan,Dennis A	Co-PI	Cooperative Extension		
Khosla,Raj	Co-PI	Soil & Crop Sciences		
Loftis,Jim C	Co-PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagricultur Sci & Pest Mgmt		
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Monitoring Landscape Disturbances Using Geospatial Technologies	7/1/01 - 9/30/05	01300501 \$1,992,753
<i>Investigators/Collaborators:</i>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Ayers,Paul D	Collaborator	Civil Engineering		
Beck,K George	Collaborator	Bioagricultur Sci & Pest Mgmt		
Steffens,Tim J	Collaborator	Cooperative Extension		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Dean Of Agricultural Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-CDC-Centers for Disease Control	Centers for Agricultural Disease & Injury Research, Education & Prevention	10/1/01 - 9/30/06	01280301 \$4,809,638
<i>Investigators/Collaborators:</i>				
Buchan,Roy M	Primary PI	Environmental Health		
Ayers,Paul D	Co-PI	Civil Engineering		
Rask,Glen	Co-PI	Dean Of Agricultural Sciences		
Sandfort,Delvin R	Co-PI	Environmental Health		
Seiz,Robert	Co-PI	Social Work		
Tessari,John Domenic	Co-PI	Environmental Health		
Tillery,Marvin I	Co-PI	Environmental Health		
Todd,Brit E	Co-PI	Environmental Health		

**Horticulture & Landscape Arch**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	American Vineyard Foundation	Beneficial Mites as Biological Control Agents for Grape Powdery Mildew	5/1/01 - 4/30/02	01253601 \$24,655
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagriculturl Sci & Pest Mgmt		
Caspari,Horst W	Collaborator	Horticulture & Landscape Arch		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Food Science & Human Nutrition	USDA - US Department of Agriculture	Development & Anticancer Effects of a Functional Food Enriched with Natural Antioxidants	10/1/01 - 9/30/05	01288201 \$1,864,568
<i>Investigators/Collaborators:</i>				
Yu,Liangli	Primary PI	Food Science & Human Nutrition		
Anderson,Jennifer E.L	Co-PI	Food Science & Human Nutrition		
Haley,Scott D	Co-PI	Soil & Crop Sciences		
Melby,Christopher L	Co-PI	Food Science & Human Nutrition		
Stone,Martha B	Co-PI	Food Science & Human Nutrition		
Stushnoff,Cecil	Co-PI	Horticulture & Landscape Arch		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

***Horticulture & Landscape Arch***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Horticulture & Landscape Arch	USDA-CSREES-Coop State Rsrch Edu & Ext	Towards a Second Columbian Exchange: Oxalis tuberosa, a Novel Alternative Tuber Crop	10/1/01 - 9/30/05	01289601 \$2,638,739
<i>Investigators/Collaborators:</i>				
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch		
Holm,David G	Co-PI	San Luis Valley Research Ctr		
Loureiro,Maria L	Co-PI	Agric & Resource Economics		
Microbiology	AgriHouse, Inc	Transgenic Cocoyam	12/1/01 - 11/30/03	01293801 \$148,252
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Hughes,Harrison G	Co-PI	Horticulture & Landscape Arch		
Soil & Crop Sciences	USDA-Foreign Agricultural Service	Evaluating New Sources of Heat Tolerant Germplasm	4/1/01 - 3/31/04	01200101 \$43,750
<i>Investigators/Collaborators:</i>				
Byrne,Patrick F	Primary PI	Soil & Crop Sciences		
Haley,Scott D	Co-PI	Soil & Crop Sciences		
Stushnoff,Cecil	Co-PI	Horticulture & Landscape Arch		
Soil & Crop Sciences	USDA - US Department of Agriculture	Value-added Compost: Creating Diversification for Rural Communities in Colorado	10/1/01 - 9/30/05	01313101 \$599,901
<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		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Soil & Crop Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Exploration of the Ethical Basis for Agricultural Sustainability	1/1/02 - 12/31/02	01208901 \$26,772
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultur Sci & Pest Mgmt		
Davis,Jessica G	Co-PI	Soil & Crop Sciences		
Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Cultural Practice, Cropping System & Host Resistance Effects on Fusarium Wilt of Common Bean	7/1/01 - 6/30/04	01223201 \$229,789
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultur Sci & Pest Mgmt		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Byrne,Patrick F	Co-PI	Soil & Crop Sciences		
Lawrence,Christopher B	Co-PI	Bioagricultur Sci & Pest Mgmt		
Civil Engineering	Astrium	Developing Agronomic Parameter Estimations from Remote Sensing Data	2/15/01 - 2/14/03	01253801 \$553,965
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagricultur Sci & Pest Mgmt		
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	10/1/01 - 9/30/04	01295001 \$399,716
<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		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

*Soil & Crop Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Decision Support System Integrating Remote Sensing & Multidisciplinary Precision Farming Strategies	9/1/01 - 8/31/05	01296201 \$1,999,940
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Bausch,Walter C	Co-PI	Civil Engineering		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Kaan,Dennis A	Co-PI	Cooperative Extension		
Khosla,Raj	Co-PI	Soil & Crop Sciences		
Loftis,Jim C	Co-PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagriculturl Sci & Pest Mgmt		
Food Science & Human Nutrition	USDA - US Department of Agriculture	Development & Anticancer Effects of a Functional Food Enriched with Natural Antioxidants	10/1/01 - 9/30/05	01288201 \$1,864,568
<i>Investigators/Collaborators:</i>				
Yu,Liangli	Primary PI	Food Science & Human Nutrition		
Anderson,Jennifer E.L	Co-PI	Food Science & Human Nutrition		
Haley,Scott D	Co-PI	Soil & Crop Sciences		
Melby,Christopher L	Co-PI	Food Science & Human Nutrition		
Stone,Martha B	Co-PI	Food Science & Human Nutrition		
Stushnoff,Cecil	Co-PI	Horticulture & Landscape Arch		
Natural Resource Ecology Lab	Battelle, Pacific Northwest Laboratories	Center for Research on Enhancing Carbon Sequestration in Terrestrial Ecosystems	10/1/00 - 9/30/01	01216901 \$60,000
<i>Investigators/Collaborators:</i>				
Paustian,Keith H	Primary PI	Soil & Crop Sciences		
Soil & Crop Sciences	USDA-Foreign Agricultural Service	Evaluating New Sources of Heat Tolerant Germplasm	4/1/01 - 3/31/04	01200101 \$43,750
<i>Investigators/Collaborators:</i>				
Byrne,Patrick F	Primary PI	Soil & Crop Sciences		
Haley,Scott D	Co-PI	Soil & Crop Sciences		
Stushnoff,Cecil	Co-PI	Horticulture & Landscape Arch		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Agricultural Sciences**

***Soil & Crop Sciences***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA-Foreign Agricultural Service	Meeting the Challenges of Chickpea Production in Southwestern Colorado through Collaborative Research	3/1/01 - 2/29/04	01202401 \$44,952
<i>Investigators/Collaborators:</i>				
Berrada,Abdelfettah	Primary PI	Southwestern Colorado Res Ctr		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Hammon,Robert W	Co-PI	Western Colorado Research Ctr		
Soil & Crop Sciences	USDA - US Department of Agriculture	Contribution of Soluble Organic Matter to Metal Transport in Sewage Sludge Amended Soils	7/1/01 - 6/30/04	01229501 \$343,083
<i>Investigators/Collaborators:</i>				
Heil,Dean M	Primary PI	Soil & Crop Sciences		
Soil & Crop Sciences	USDA - US Department of Agriculture	Environmental Risk Associated with the Use of Transgenic Plants in Phytoremediation Systems	9/1/01 - 8/31/04	01273601 \$245,835
<i>Investigators/Collaborators:</i>				
Byrne,Patrick F	Primary PI	Soil & Crop Sciences		
Bedinger,Patricia A	Co-PI	Biology		
Cardon,Grant E	Co-PI	Soil & Crop Sciences		
Henk,Shanna C	Co-PI	Biology		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Soil & Crop Sciences	EPA - Environmental Protection Agency	Comparison of Reclamation Treatments at the Buffalo Creek Wildfire Site	7/1/01 - 9/30/03	01310201 \$49,500
<i>Investigators/Collaborators:</i>				
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences		
Redente,Edward F	Co-PI	Rangeland Ecosystem Science		
Soil & Crop Sciences	USDA - US Department of Agriculture	Value-added Compost: Creating Diversification for Rural Communities in Colorado	10/1/01 - 9/30/05	01313101 \$599,901
<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		

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**Applied Human Sciences**

*Dean Of Applied Human Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	US Dept Housing & Urban Development	Colorado State University Community Outreach Partnership Center	10/1/01 - 9/30/04	01307601 \$397,165
<i>Investigators/Collaborators:</i>				
Miller,Jacque L	Primary PI	Cooperative Extension		
Asmus,Cheryl L	Co-PI	Dean Of Applied Human Sciences		
Dean Of Applied Human Sciences	US Department of Education	Drug Court as a Systems-based Model for High-risk Drinking on a Campus	7/1/01 - 6/30/03	01256301 \$349,615
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Mccracken,Pamela S	Co-PI	University Health Services		
Dean Of Applied Human Sciences	US Department of Justice	Drug Court as a Systems-based Model for High-risk Drinking on a Campus	9/1/01 - 8/31/03	01263101 \$358,979
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Mccracken,Pamela S	Co-PI	University Health Services		

**Dept Of Health & Exercise Sci**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dept Of Health & Exercise Sci	Slim-Fast Nutrition Institute	Post-exercise Protein Feeding: Role in Recovery from Eccentric Exercise	7/1/01 - 6/30/02	01287601 \$46,283
<i>Investigators/Collaborators:</i>				
Hickey,Matthew	Primary PI	Dept Of Health & Exercise Sci		
Israel,Richard G	Collaborator	Dept Of Health & Exercise Sci		
Melby,Christopher L	Collaborator	Food Science & Human Nutrition		
Physiology	American Heart Association	The Contribution of Angiotensinogen to Abdominal Fat-related Hypertension & Nephropathy	7/1/01 - 6/30/03	01217001 \$66,000
<i>Investigators/Collaborators:</i>				
Marley,Wanda	Primary PI	Physiology		
Gotshall,Robert W	Co-PI	Dept Of Health & Exercise Sci		

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**Applied Human Sciences**

***Food Science & Human Nutrition***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	National Pork Producers Council	Optimization of Antimicrobials for Control of Listeria monocytogenes & for Acceptable Pork Product Quality	4/1/01 - 3/31/02	01212301 \$25,000
<i>Investigators/Collaborators:</i>				
Sofos,John N	Primary PI	Animal Sciences		
Belk,Keith	Co-PI	Animal Sciences		
Ikeda,Jack Sen	Co-PI	Animal Sciences		
Kendall,Patricia A	Co-PI	Food Science & Human Nutrition		
Samelis,Ioannis	Co-PI	Animal Sciences		
Smith,Gary C	Co-PI	Animal Sciences		
Animal Sciences	USDA - US Department of Agriculture	Microbial Ecology & Interactions in Decontaminated Fresh Meat & Produce	10/1/01 - 9/30/04	01249701 \$298,612
<i>Investigators/Collaborators:</i>				
Sofos,John N	Primary PI	Animal Sciences		
Ikeda,Jack Sen	Co-PI	Animal Sciences		
Kendall,Patricia A	Co-PI	Food Science & Human Nutrition		
Dept Of Health & Exercise Sci	Slim-Fast Nutrition Institute	Post-exercise Protein Feeding: Role in Recovery from Eccentric Exercise	7/1/01 - 6/30/02	01287601 \$46,283
<i>Investigators/Collaborators:</i>				
Hickey,Matthew	Primary PI	Dept Of Health & Exercise Sci		
Israel,Richard G	Collaborator	Dept Of Health & Exercise Sci		
Melby,Christopher L	Collaborator	Food Science & Human Nutrition		
Food Science & Human Nutrition	Cornell University	Food Safety Begins on the Fam in Colorado	10/1/00 - 9/30/01	01187001 \$18,714
<i>Investigators/Collaborators:</i>				
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition		

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**Applied Human Sciences**

***Food Science & Human Nutrition***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Food Science & Human Nutrition	USDA - US Department of Agriculture	Development & Anticancer Effects of a Functional Food Enriched with Natural Antioxidants	10/1/01 - 9/30/05	01288201 \$1,864,568
<i>Investigators/Collaborators:</i>				
Yu,Liangli	Primary PI	Food Science & Human Nutrition		
Anderson,Jennifer E.L	Co-PI	Food Science & Human Nutrition		
Haley,Scott D	Co-PI	Soil & Crop Sciences		
Melby,Christopher L	Co-PI	Food Science & Human Nutrition		
Stone,Martha B	Co-PI	Food Science & Human Nutrition		
Stushnoff,Cecil	Co-PI	Horticulture & Landscape Arch		
School Of Education	Hospitality Business Alliance	Development of a Model for Evaluating the Prostart School-to-Career Program	10/1/01 - 9/30/03	01307301 \$247,283
<i>Investigators/Collaborators:</i>				
Albright,Leonard	Primary PI	School Of Education		
Smith,Kenneth D	Co-PI	Food Science & Human Nutrition		

***Human Dev & Family Studies***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	HHS-PHS-Public Health Services	Families-School Bridge for Children Entering School	8/1/01 - 7/31/05	01263801 \$894,070
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	HHS-SAMHSA-Subt Abuse & Mental Hlth Srv	Family School Bridge for Children Entering School	7/1/01 - 6/30/04	01289001 \$1,125,378
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		

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**Applied Human Sciences**

***Human Dev & Family Studies***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Risk & Resilience in Agriculture Education Project in Colorado	10/1/01 - 9/30/02	01304801 \$22,895
<i>Investigators/Collaborators:</i>				
Kaan,Dennis A	Primary PI	Cooperative Extension		
Fetsch,Robert J	Co-PI	Human Dev & Family Studies		

***Mfg Tech & Constr Mgmt***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of Wyoming	Early Forecasting of Forage Production for Use in Adaptive Management Strategies	10/1/01 - 9/30/05	01300901 \$2,040,156
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Bohren,Lenora	Co-PI	Mfg Tech & Constr Mgmt		
Doesken,Nolan J	Co-PI	Atmospheric Science		
Galvin,Kathleen	Co-PI	Anthropology		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		

***School Of Education***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
School Of Education	US Department of Education	Synthesizing Secondary School Effects (Project S3E)	10/1/01 - 9/30/04	01294401 \$1,777,974
<i>Investigators/Collaborators:</i>				
Cobb,R Brian	Primary PI	School Of Education		
School Of Education	Hospitality Business Alliance	Development of a Model for Evaluating the Prostart School-to-Career Program	10/1/01 - 9/30/03	01307301 \$247,283
<i>Investigators/Collaborators:</i>				
Albright,Leonard	Primary PI	School Of Education		
Smith,Kenneth D	Co-PI	Food Science & Human Nutrition		

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**Applied Human Sciences**

*School Of Education*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Social Work	HHS-ACF-Admin. for Children & Families	Children's Perceptions of Permanency: Building a Model that Promotes Successful Placement of Children in Adoption	10/1/01 - 9/30/03	01309901 \$499,319
<i>Investigators/Collaborators:</i>				
Schatz,Mona Struhsaker	Primary PI	Social Work		
Cobb,R Brian	Co-PI	School Of Education		

*Social Work*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	Universidad de Atacama	Little Shop of Physics	4/1/01 - 12/1/01	01294501 \$7,737
<i>Investigators/Collaborators:</i>				
Sheafor,Bradford W	Primary PI	Social Work		
Jones,Brian	Co-PI	Physics		
Environmental Health	HHS-CDC-Centers for Disease Control	Centers for Agricultural Disease & Injury Research, Education & Prevention	10/1/01 - 9/30/06	01280301 \$4,809,638
<i>Investigators/Collaborators:</i>				
Buchan,Roy M	Primary PI	Environmental Health		
Ayers,Paul D	Co-PI	Civil Engineering		
Rask,Glen	Co-PI	Dean Of Agricultural Sciences		
Sandfort,Delvin R	Co-PI	Environmental Health		
Seiz,Robert	Co-PI	Social Work		
Tessari,John Domenic	Co-PI	Environmental Health		
Tillery,Marvin I	Co-PI	Environmental Health		
Todd,Brit E	Co-PI	Environmental Health		
Social Work	HHS-ACF-Admin. for Children & Families	Children's Perceptions of Permanency: Building a Model that Promotes Successful Placement of Children in Adoption	10/1/01 - 9/30/03	01309901 \$499,319
<i>Investigators/Collaborators:</i>				
Schatz,Mona Struhsaker	Primary PI	Social Work		
Cobb,R Brian	Co-PI	School Of Education		

\*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, 2000 - June 30, 2001\***

**Business**

***Computer Information Systems***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Computer Information Systems	NSF - National Science Foundation	Group Decision Making in Strategic Market Games	4/1/99 - 4/1/01	01204901 \$62,522
<i>Investigators/Collaborators:</i>				
Hayne,Stephen C      Primary PI	Computer Information Systems			
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	2/12/01 - 12/31/01	01265501 \$80,250
<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			

***Management***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Mechanical Engineering	Colorado Institute of Technology	Learn to Dream Summer Camp for Middle School Girls	6/1/01 - 12/1/01	01261901 \$33,986
<i>Investigators/Collaborators:</i>				
James,Susan P      Primary PI	Mechanical Engineering			
Mccarthy,Anne M      Co-PI	Management			
Aloise-Young,Patricia A      Collaborator	Psychology			
Psychology	NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male, Majority & Minority	9/30/01 - 10/1/04	01280201 \$496,354
<i>Investigators/Collaborators:</i>				
James,Keith      Primary PI	Psychology			
Sarason,Yolanda      Co-PI	Management			

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Business**

**Marketing**

<u>Administering Department</u>	<u>Sponsor Nam</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	7/1/01 - 6/30/04	01248601 \$696,933
<i>Investigators/Collaborators:</i>				
Kelly,Kathleen J	Primary PI	Marketing		
Edwards,Ruth W	Co-PI	Psychology		

**Engineering**

**Atmospheric Science**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Atmospheric Science	NASA - Natl Aeronautics & Space Admin.	Evaluating the Impact of Global Warming on Hurricanes Using Satellite Data & a Suite of Cloud-Resolving	2/1/01 - 1/31/04	01220601 \$531,645
<i>Investigators/Collaborators:</i>				
Montgomery,Michael T	Primary PI	Atmospheric Science		
Kummerow,Christian D	Co-PI	Atmospheric Science		
Atmospheric Science	DOE - US Department of Energy	A Geodesic Climate Model with Quasi- Lagrangian Vertical Coordinates	6/1/01 - 5/31/06	01277401 \$3,701,424
<i>Investigators/Collaborators:</i>				
Randall,David A	Primary PI	Atmospheric Science		
Ringler,Todd D	Collaborator	Atmospheric Science		
Schubert,Wayne H	Collaborator	Atmospheric Science		
Forest Sciences	NASA - Natl Aeronautics & Space Admin.	Application of Remotely Sensed Imagery to Assessing the Probabilities & Carbon Consequences of Fire	4/1/01 - 3/31/04	01242301 \$578,581
<i>Investigators/Collaborators:</i>				
Burke,Ingrid C	Primary PI	Forest Sciences		
Vonderhaar,Thomas H	Co-PI	Atmospheric Science		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Engineering**

*Atmospheric Science*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	Analysis of Observed Terrestrial Ecosystem Interannual Variability Implementing a Coupled Land-Atmosphere ...	4/1/01 - 3/31/04	01219401 \$2,970,175
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Schimmel,David S	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Natural Resource Ecology Lab	University of New Hampshire	Sub-pixel Mapping & Monitoring of Snow-Ice/Cover & Inland Water: Implications to Meso-Scale Climate/Hydrological...	5/1/01 - 4/30/04	01220901 \$199,991
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Baron,Jill	Co-PI	Natural Resource Ecology Lab		
Liston,Glen E	Co-PI	Atmospheric Science		
Pielke,Roger A	Co-PI	Atmospheric Science		
Natural Resource Ecology Lab	NSF - National Science Foundation	Advanced Computational Design for Terrestrial Earth System Science Research: Coupled Land-Atmosphere Simulation ...	9/1/01 - 8/31/06	01224301 \$4,948,556
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Parton,William J	Collaborator	Natural Resource Ecology Lab		
Pielke,Roger A	Collaborator	Atmospheric Science		
Schimmel,David S	Collaborator	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	The Role of Africa in Terrestrial Carbon Exchange & Atmospheric CO2: Reducing Regional & Global Carbon Cycle Uncertainty	5/1/01 - 4/30/04	01232201 \$1,061,275
<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 Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NSF - National Science Foundation	Furthering Our Understanding of Biogeochemistry, Hydrology, the Atmosphere & Human Land Use as a Coupled System	9/1/01 - 8/31/06	01275901 \$2,999,291
<i>Investigators/Collaborators:</i>				
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Hanan,Niall P	Collaborator	Natural Resource Ecology Lab		
Ojima,Dennis	Collaborator	Natural Resource Ecology Lab		
Ramirez,Jorge A	Collaborator	Civil Engineering		
Theobald,David M	Collaborator	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	University of Wyoming	Early Forecasting of Forage Production for Use in Adaptive Management Strategies	10/1/01 - 9/30/05	01300901 \$2,040,156
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Bohren,Lenora	Co-PI	Mfg Tech & Constr Mgmt		
Doesken,Nolan J	Co-PI	Atmospheric Science		
Galvin,Kathleen	Co-PI	Anthropology		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		

**Chemical & Biores Engineering**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Career: Virus Clearance by Flocculation During Bioreactor Harvesting; Matching Award Supplement	3/1/01 - 2/28/02	01200901 \$25,000
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Engineering**

***Chemical & Bioes Engineering***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Bioes Engineering	NSF - National Science Foundation	Multianalyte Sensing Based on Optical Detection of Binding to Protein Nanoarrays	5/1/01 - 4/30/05	01213701 \$1,898,188
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Bioes Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Bioes Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		
Chemical & Bioes Engineering	USDA - US Department of Agriculture	Determining the Effect of Phosphate on Uptake, Metabolism & Fate of Arsenic in Plants	10/1/01 - 9/30/04	01228501 \$279,732
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Bioes Engineering		
Chemical & Bioes Engineering	EPA - Environmental Protection Agency	Studies on the Uptake & Treatability of Arsenic in Phytoremediation Systems	10/1/01 - 9/30/04	01250001 \$433,901
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Bioes Engineering		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Ramsdell,Howard S	Co-PI	Environmental Health		
Chemical & Bioes Engineering	DOD - US Department of Defense	Immobilization of RDX & HMX in Phytoremediation Systems for Effective Clean- up	10/1/01 - 9/30/04	01250501 \$625,897
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Bioes Engineering		
Ramsdell,Howard S	Co-PI	Environmental Health		
Chemical & Bioes Engineering	EPA - Environmental Protection Agency	Elucidating the Roles of Plants & Microorganisms in the Rhizosphere Remediation of Polycyclic Aromatic Hydrocarbons	9/1/01 - 8/31/04	01255701 \$445,772
<i>Investigators/Collaborators:</i>				
Reardon,Kenneth F	Primary PI	Chemical & Bioes Engineering		
Duteau,Nancy M	Co-PI	Microbiology		
Klein,Donald A	Co-PI	Microbiology		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		

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**Engineering**

***Chemical & Bioes Engineering***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Bioes Engineering	Bateman-Merrick	Agricultural Industries of the Future	7/1/01 - 6/30/05	01279001 \$640,981
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Henk,Linda L	Co-PI	Chemical & Bioes Engineering		
Karim,M Nazmul	Co-PI	Chemical & Bioes Engineering		
Chemical & Bioes Engineering	DOE - US Department of Energy	Industrial Materials for the Future by Peracetic Acid Treatment of Lignin	11/30/01 - 11/30/06	01303201 \$766,169
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Schroeder,Herbert A	Co-PI	Chemical & Bioes Engineering		
Chemical & Bioes Engineering	EPA - Environmental Protection Agency	Virus Detection in Aqueous Streams Using Optical Detection of Binding to Protein Nanoarrays	10/1/01 - 9/30/04	02313901 \$449,303
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Bioes Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Bioes Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Co-PI	Elec. & Computer Engineering		
Chemistry	NSF - National Science Foundation	Towards the Rational Design & Control of Plasma Polymerized Materials for Biocompatible Coatings & Electronic Devices	7/1/01 - 6/30/04	01268501 \$1,064,032
<i>Investigators/Collaborators:</i>				
Fisher,Ellen R	Primary PI	Chemistry		
Dandy,David S	Co-PI	Chemical & Bioes Engineering		
Grainger,David W	Co-PI	Chemistry		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Engineering**

***Chemical & Biores Engineering***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Acquisition of Equipment for Inter- & Intra- Departmental Integration of Research & Training in ...	8/1/01 - 7/31/03	01257401 \$346,503
<i>Investigators/Collaborators:</i>				
Shackelford,Charles D	Primary PI	Civil Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Kenneth H	Co-PI	Civil Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Civil Engineering	EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	10/1/01 - 9/30/06	02316701 \$3,999,645
<i>Investigators/Collaborators:</i>				
Shackelford,Charles D	Primary PI	Civil Engineering		
Clements,William H	Co-PI	Fish & Wildlife Biology		
Julien,Pierre Y	Co-PI	Civil Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Woods,Sandra L	Co-PI	Civil Engineering		
Environmental Health	DOD - US Department of Defense	Environmental Fate & Toxicology of CL-20	10/1/01 - 9/30/04	01249501 \$1,199,038
<i>Investigators/Collaborators:</i>				
Ramsdell,Howard S	Primary PI	Environmental Health		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Durnford,Deanna S	Collaborator	Civil Engineering		
Legare,Marie E	Collaborator	Environmental Health		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Engineering**

**CIRA**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	Analysis of Observed Terrestrial Ecosystem Interannual Variability Implementing a Coupled Land-Atmosphere ...	4/1/01 - 3/31/04	01219401 \$2,970,175
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Schimmel,David S	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Natural Resource Ecology Lab	NSF - National Science Foundation	Advanced Computational Design for Terrestrial Earth System Science Research: Coupled Land-Atmosphere Simulation ...	9/1/01 - 8/31/06	01224301 \$4,948,556
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Parton,William J	Collaborator	Natural Resource Ecology Lab		
Pielke,Roger A	Collaborator	Atmospheric Science		
Schimmel,David S	Collaborator	Natural Resource Ecology Lab		

**Civil Engineering**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	HASNA Inc.	Specialized Training in Irrigation Management	9/11/00 - 12/31/00	01169201 \$47,749
<i>Investigators/Collaborators:</i>				
Podmore, Terence H	Primary PI	Civil Engineering		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Modeling Reservoir Ecosystem Dynamics Under Reduced Agricultural Demands	7/1/01 - 6/30/04	01227901 \$347,003
<i>Investigators/Collaborators:</i>				
Saito,Laurel	Primary PI	Civil Engineering		
Fontane,Darrell G	Co-PI	Civil Engineering		
Johnson,Brett Michael	Co-PI	Fish & Wildlife Biology		
Loftis,Jim C	Co-PI	Civil Engineering		
Civil Engineering	Colorado State Water Conservation Board	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado	7/1/01 - 6/30/02	01235501 \$136,132
<i>Investigators/Collaborators:</i>				
Wilkins-Wells,John Rees	Primary PI	Sociology		
Podmore,Terence H	Co-PI	Civil Engineering		
Civil Engineering	NSF - National Science Foundation	Modeling the Effects of Local & Long Distance Demands on Reservoir Ecosystem Dynamics	7/1/01 - 6/30/04	01235701 \$498,404
<i>Investigators/Collaborators:</i>				
Saito,Laurel	Primary PI	Civil Engineering		
Fontane,Darrell G	Co-PI	Civil Engineering		
Johnson,Brett Michael	Co-PI	Fish & Wildlife Biology		
Loftis,Jim C	Co-PI	Civil Engineering		
Civil Engineering	Astrium	Developing Agronomic Parameter Estimations from Remote Sensing Data	2/15/01 - 2/14/03	01253801 \$553,965
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagriculturl Sci & Pest Mgmt		

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**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Acquisition of Equipment for Inter- & Intra- Departmental Integration of Research & Training in ...	8/1/01 - 7/31/03	01257401 \$346,503
<i>Investigators/Collaborators:</i>				
Shackelford,Charles D	Primary PI	Civil Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Kenneth H	Co-PI	Civil Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Civil Engineering	NSF - National Science Foundation	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
<i>Investigators/Collaborators:</i>				
Roesner,Larry A	Primary PI	Civil Engineering		
Cheng,Antony S	Co-PI	Forest Sciences		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Kondratieff,Boris C	Co-PI	Bioagriculturl Sci & Pest Mgmt		
Saito,Laurel	Co-PI	Civil Engineering		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Bledsoe,Brian	Collaborator	Civil Engineering		
Loftis,Jim C	Collaborator	Civil Engineering		
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	10/1/01 - 9/30/04	01295001 \$399,716
<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		

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**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Decision Support System Integrating Remote Sensing & Multidisciplinary Precision Farming Strategies	9/1/01 - 8/31/05	01296201 \$1,999,940
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Bausch,Walter C	Co-PI	Civil Engineering		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Kaan,Dennis A	Co-PI	Cooperative Extension		
Khosla,Raj	Co-PI	Soil & Crop Sciences		
Loftis,Jim C	Co-PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagriculturl Sci & Pest Mgmt		
Civil Engineering	EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	10/1/01 - 9/30/06	02316701 \$3,999,645
<i>Investigators/Collaborators:</i>				
Shackelford,Charles D	Primary PI	Civil Engineering		
Clements,William H	Co-PI	Fish & Wildlife Biology		
Julien,Pierre Y	Co-PI	Civil Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Woods,Sandra L	Co-PI	Civil Engineering		
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Monitoring Landscape Disturbances Using Geospatial Technologies	7/1/01 - 9/30/05	01300501 \$1,992,753
<i>Investigators/Collaborators:</i>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Ayers,Paul D	Collaborator	Civil Engineering		
Beck,K George	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Steffens,Tim J	Collaborator	Cooperative Extension		

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**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	DOD - US Department of Defense	Environmental Fate & Toxicology of CL-20	10/1/01 - 9/30/04	01249501 \$1,199,038
<i>Investigators/Collaborators:</i>				
Ramsdell,Howard S	Primary PI	Environmental Health		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Durnford,Deanna S	Collaborator	Civil Engineering		
Legare,Marie E	Collaborator	Environmental Health		
Environmental Health	HHS-CDC-Centers for Disease Control	Centers for Agricultural Disease & Injury Research, Education & Prevention	10/1/01 - 9/30/06	01280301 \$4,809,638
<i>Investigators/Collaborators:</i>				
Buchan,Roy M	Primary PI	Environmental Health		
Ayers,Paul D	Co-PI	Civil Engineering		
Rask,Glen	Co-PI	Dean Of Agricultural Sciences		
Sandfort,Delvin R	Co-PI	Environmental Health		
Seiz,Robert	Co-PI	Social Work		
Tessari,John Domenic	Co-PI	Environmental Health		
Tillery,Marvin I	Co-PI	Environmental Health		
Todd,Brit E	Co-PI	Environmental Health		
Natural Resource Ecology Lab	NSF - National Science Foundation	Furthering Our Understanding of Biogeochemistry, Hydrology, the Atmosphere & Human Land Use as a Coupled System	9/1/01 - 8/31/06	01275901 \$2,999,291
<i>Investigators/Collaborators:</i>				
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Hanan,Niall P	Collaborator	Natural Resource Ecology Lab		
Ojima,Dennis	Collaborator	Natural Resource Ecology Lab		
Ramirez,Jorge A	Collaborator	Civil Engineering		
Theobald,David M	Collaborator	Natural Resource Ecology Lab		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Engineering**

***Elec. & Computer Engineering***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Multianalyte Sensing Based on Optical Detection of Binding to Protein Nanoarrays	5/1/01 - 4/30/05	01213701 \$1,898,188
<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	EPA - Environmental Protection Agency	Virus Detection in Aqueous Streams Using Optical Detection of Binding to Protein Nanoarrays	10/1/01 - 9/30/04	02313901 \$449,303
<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	Co-PI	Elec. & Computer Engineering		
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	2/12/01 - 12/31/01	01265501 \$80,250
<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		

\*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, 2000 - June 30, 2001\***

**Engineering**

***Mechanical Engineering***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	A Photonics-based System for High Throughput in vivo Screening of Plants & High Throughput in vivo Imaging of Gene ...	9/1/01 - 8/31/04	01245101 \$2,495,356
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Alciatore,David	Co-PI	Mechanical Engineering		
Bedinger,Patricia A	Co-PI	Biology		
Beveridge,J Ross	Co-PI	Computer Science		
Clinical Sciences	Whitaker Foundation	Experimental Analysis of Osteochondral Host/Graft Tissue Interfaces During Simulated Physiological Loading	9/1/01 - 8/31/04	01265201 \$202,792
<i>Investigators/Collaborators:</i>				
Kawcak,Christopher E	Primary PI	Clinical Sciences		
James,Susan P	Co-PI	Mechanical Engineering		
Smith,Frederick W	Collaborator	Mechanical Engineering		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Mechanical Engineering	Colorado Institute of Technology	Learn to Dream Summer Camp for Middle School Girls	6/1/01 - 12/1/01	01261901 \$33,986
<i>Investigators/Collaborators:</i>				
James,Susan P	Primary PI	Mechanical Engineering		
Mccarthy,Anne M	Co-PI	Management		
Aloise-Young,Patricia A	Collaborator	Psychology		
Mechanical Engineering	CaP Biotechnology, Inc.	Calcium Phosphate Microcarriers for Bone Cell Culture & Bone Healing Applications	7/1/01 - 6/30/02	01268201 \$40,000
<i>Investigators/Collaborators:</i>				
Wheeler,Donna	Primary PI	Mechanical Engineering		
Koenig,Andrea L	Collaborator	Chemistry		
Mechanical Engineering	Stryker Biotech	Healing of Tibial Osteotomy Using Osteogenic Protein-1 Device	6/1/01 - 6/1/02	01295801 \$177,480
<i>Investigators/Collaborators:</i>				
Wheeler,Donna	Primary PI	Mechanical Engineering		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Turner,Anthony Simon	Collaborator	Clinical Sciences		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Engineering**

*Mechanical Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
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**Liberal Arts**

*Anthropology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anthropology	USDA - US Department of Agriculture	Long-term Impacts of Welfare Reform on Rural Poverty	10/1/01 - 9/30/03	01235401 \$227,515
<i>Investigators/Collaborators:</i>				
Pickering, Kathleen A      Primary PI	Anthropology			
Natural Resource Ecology Lab	DOS-AID-Agency for Inter. Development	Assessments of Livestock-Wildlife Interactions in East Africa	1/1/01 - 4/30/01	01206401 \$50,001
<i>Investigators/Collaborators:</i>				
Ellis, James                  Primary PI	Natural Resource Ecology Lab			
Coughenour, Michael B      Co-PI	Natural Resource Ecology Lab			
Demartini, James C          Co-PI	Pathology			
Galvin, Kathleen              Co-PI	Anthropology			
Natural Resource Ecology Lab	USDA - US Department of Agriculture	Analysis of Ecological Capacities, Land Use Practices, Operational Scale, & the Sustainability of Family Farms...	6/1/01 - 5/31/04	01227501 \$382,714
<i>Investigators/Collaborators:</i>				
Ellis, James                  Primary PI	Natural Resource Ecology Lab			
Galvin, Kathleen              Co-PI	Anthropology			
Natural Resource Ecology Lab	University of Wyoming	Early Forecasting of Forage Production for Use in Adaptive Management Strategies	10/1/01 - 9/30/05	01300901 \$2,040,156
<i>Investigators/Collaborators:</i>				
Ojima, Dennis                 Primary PI	Natural Resource Ecology Lab			
Bohren, Lenora                Co-PI	Mfg Tech & Constr Mgmt			
Doesken, Nolan J              Co-PI	Atmospheric Science			
Galvin, Kathleen              Co-PI	Anthropology			
Parton, William J              Co-PI	Natural Resource Ecology Lab			
Pielke, Roger A                Co-PI	Atmospheric Science			

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Liberal Arts**

*Foreign Languages & Literature*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Foreign Languages & Literature	US Department of Education	Preparing the Global Citizen: Study Abroad Enhancement Project	4/1/01 - 4/1/03	01286101 \$67,668
<i>Investigators/Collaborators:</i>				
Saz,Sara M	Primary PI	Foreign Languages & Literature		

**Sociology**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	Community-based Programs for Integrated Weed Management: Three Program Case Studies for Controlling Invasive ...	10/1/01 - 9/30/05	01284801 \$1,040,025
<i>Investigators/Collaborators:</i>				
Beck,K George	Primary PI	Bioagriculturl Sci & Pest Mgmt		
Knight,Heather A.L	Co-PI	Fish & Wildlife Biology		
Seidl,Andrew F	Co-PI	Agric & Resource Economics		
Swanson,Louis E. Jr	Co-PI	Sociology		
Civil Engineering	Colorado State Water Conservation Board	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado	7/1/01 - 6/30/02	01235501 \$136,132
<i>Investigators/Collaborators:</i>				
Wilkins-Wells,John Rees	Primary PI	Sociology		
Podmore,Terence H	Co-PI	Civil Engineering		
Cooperative Extension	EPA - Environmental Protection Agency	Building Local Capacity Through Land Use Decision Making: AgLandWest: the Workshop	7/1/01 - 6/30/02	01220501 \$4,980
<i>Investigators/Collaborators:</i>				
Knop,Sheila A	Primary PI	Cooperative Extension		
Laughlin,Diana C	Co-PI	Sociology		

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**Natural Resources**

***CEMML***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Forest Sciences	NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	1/1/02 - 12/31/06	01302901 \$369,290
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		
Forest Sciences	DOD-ARMY-ARO-Army Research Office	Role of Dust in the Recovery of Biological Soil Crusts	5/1/02 - 4/30/05	02317601 \$254,703
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		

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***Earth Resources***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Biocomplexity of Network Interactions	10/1/01 - 9/30/06	01274301 \$2,412,431
<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		

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***Fish & Wildlife Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	Community-based Programs for Integrated Weed Management: Three Program Case Studies for Controlling Invasive ...	10/1/01 - 9/30/05	01284801 \$1,040,025
<i>Investigators/Collaborators:</i>				
Beck,K George	Primary PI	Bioagriculturl Sci & Pest Mgmt		
Knight,Heather A.L	Co-PI	Fish & Wildlife Biology		
Seidl,Andrew F	Co-PI	Agric & Resource Economics		
Swanson,Louis E. Jr	Co-PI	Sociology		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Resources**

***Fish & Wildlife Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Modeling Reservoir Ecosystem Dynamics Under Reduced Agricultural Demands	7/1/01 - 6/30/04	01227901 \$347,003
<i>Investigators/Collaborators:</i>				
Saito,Laurel	Primary PI	Civil Engineering		
Fontane,Darrell G	Co-PI	Civil Engineering		
Johnson,Brett Michael	Co-PI	Fish & Wildlife Biology		
Loftis,Jim C	Co-PI	Civil Engineering		
Civil Engineering	NSF - National Science Foundation	Modeling the Effects of Local & Long Distance Demands on Reservoir Ecosystem Dynamics	7/1/01 - 6/30/04	01235701 \$498,404
<i>Investigators/Collaborators:</i>				
Saito,Laurel	Primary PI	Civil Engineering		
Fontane,Darrell G	Co-PI	Civil Engineering		
Johnson,Brett Michael	Co-PI	Fish & Wildlife Biology		
Loftis,Jim C	Co-PI	Civil Engineering		
Civil Engineering	NSF - National Science Foundation	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
<i>Investigators/Collaborators:</i>				
Roesner,Larry A	Primary PI	Civil Engineering		
Cheng,Antony S	Co-PI	Forest Sciences		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Kondratieff,Boris C	Co-PI	Bioagricultural Sci & Pest Mgmt		
Saito,Laurel	Co-PI	Civil Engineering		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Bledsoe,Brian	Collaborator	Civil Engineering		
Loftis,Jim C	Collaborator	Civil Engineering		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Resources**

***Fish & Wildlife Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	10/1/01 - 9/30/06	02316701 \$3,999,645
<i>Investigators/Collaborators:</i>				
Shackelford, Charles D	Primary PI	Civil Engineering		
Clements, William H	Co-PI	Fish & Wildlife Biology		
Julien, Pierre Y	Co-PI	Civil Engineering		
Reardon, Kenneth F	Co-PI	Chemical & Biores Engineering		
Woods, Sandra L	Co-PI	Civil Engineering		
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Coached Land Planning & Care	6/1/01 - 12/31/02	01207401 \$98,000
<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		
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Biocomplexity of Network Interactions	10/1/01 - 9/30/06	01274301 \$2,412,431
<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		
Fish & Wildlife Biology	EPA - Environmental Protection Agency	The Influence of Climate-induced Alterations in Dissolved Organic Matter on Metal Toxicity & Ultraviolet ...	1/1/02 - 12/31/04	01293601 \$896,212
<i>Investigators/Collaborators:</i>				
Clements, William H	Primary PI	Fish & Wildlife Biology		
Baron, Jill	Co-PI	Natural Resource Ecology Lab		

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**Natural Resources**

*Forest Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
<i>Investigators/Collaborators:</i>				
Roesner,Larry A	Primary PI	Civil Engineering		
Cheng,Anthony S	Co-PI	Forest Sciences		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Kondratieff,Boris C	Co-PI	Bioagriculturl Sci & Pest Mgmt		
Saito,Laurel	Co-PI	Civil Engineering		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Bledsoe,Brian	Collaborator	Civil Engineering		
Loftis,Jim C	Collaborator	Civil Engineering		
Forest Sciences	NASA - Natl Aeronautics & Space Admin.	Application of Remotely Sensed Imagery to Assessing the Probabilities & Carbon Consequences of Fire	4/1/01 - 3/31/04	01242301 \$578,581
<i>Investigators/Collaborators:</i>				
Burke,Ingrid C	Primary PI	Forest Sciences		
Vonderhaar,Thomas H	Co-PI	Atmospheric Science		
Forest Sciences	DOI - US Department of the Interior	Application of Remotely Sensed Hyperspectral Imagery to Assessing the Probabilities & Carbon Consequences of Fire	4/1/01 - 3/31/04	01292101 \$320,883
<i>Investigators/Collaborators:</i>				
Burke,Ingrid C	Primary PI	Forest Sciences		
Natural Resource Ecology Lab	NASA-Goddard	Biotic Prediction: Building the High Performance Computing & Communications Infrastructure for Public Health & ...	5/1/01 - 4/30/04	01220301 \$558,291
<i>Investigators/Collaborators:</i>				
Stohlgren,Thomas J	Primary PI	Natural Resource Ecology Lab		
Kalkhan,Mohammed	Co-PI	Natural Resource Ecology Lab		
Reich,Robin M	Co-PI	Forest Sciences		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Natural Resources**

*Forest Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NSF - National Science Foundation	Biocomplexity in African Savannas	10/1/01 - 9/30/05	01276301 \$1,424,965
<i>Investigators/Collaborators:</i>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Coughenour,Michael B	Co-PI	Natural Resource Ecology Lab		
Omi,Philip N	Co-PI	Forest Sciences		
Dangelmayr,Gerhard H	Collaborator	Mathematics		
Rangeland Ecosystem Science	NSF - National Science Foundation	Ecosystem Effects of Bromus tectorum Invasion	1/1/02 - 12/31/04	02313701 \$905,700
<i>Investigators/Collaborators:</i>				
Lauenroth,William K	Primary PI	Rangeland Ecosystem Science		
Burke,Ingrid C	Co-PI	Forest Sciences		

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*Natural Resource Ecology Lab*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Biocomplexity: Urbanizing Streams: Effects on Biogeochemical Cycles & Aquatic Ecosystems	9/1/01 - 8/31/06	01275301 \$2,996,649
<i>Investigators/Collaborators:</i>				
Roesner,Larry A	Primary PI	Civil Engineering		
Cheng,Anthony S	Co-PI	Forest Sciences		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Kondratieff,Boris C	Co-PI	Bioagriculturl Sci & Pest Mgmt		
Saito,Laurel	Co-PI	Civil Engineering		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Bledsoe,Brian	Collaborator	Civil Engineering		
Loftis,Jim C	Collaborator	Civil Engineering		

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**Natural Resources**

***Natural Resource Ecology Lab***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	EPA - Environmental Protection Agency	The Influence of Climate-induced Alterations in Dissolved Organic Matter on Metal Toxicity & Ultraviolet ...	1/1/02 - 12/31/04	01293601 \$896,212
<i>Investigators/Collaborators:</i>				
Clements,William H Baron,Jill	Primary PI Co-PI	Fish & Wildlife Biology Natural Resource Ecology Lab		
Natural Resource Ecology Lab	California Institute of Technology	A Measurement Program in Siberia to Assess Disturbance-Driven Changes in Artic Carbon Fluxes	8/1/01 - 7/31/05	01194401 \$467,418
<i>Investigators/Collaborators:</i>				
Neff,Jason	Primary PI	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	DOS-AID-Agency for Inter. Development	Assessments of Livestock-Wildlife Interactions in East Africa	1/1/01 - 4/30/01	01206401 \$50,001
<i>Investigators/Collaborators:</i>				
Ellis,James Coughenour,Michael B Demartini,James C Galvin,Kathleen	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab Natural Resource Ecology Lab Pathology Anthropology		
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	Analysis of Observed Terrestrial Ecosystem Interannual Variability Implementing a Coupled Land-Atmosphere ...	4/1/01 - 3/31/04	01219401 \$2,970,175
<i>Investigators/Collaborators:</i>				
Ojima,Dennis Mckeown,Rebecca Parton,William J Pielke,Roger A Schimel,David S Vukicevic,Tomislava	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab Natural Resource Ecology Lab Natural Resource Ecology Lab Atmospheric Science Natural Resource Ecology Lab CIRA		
Natural Resource Ecology Lab	NASA-Goddard	Biotic Prediction: Building the High Performance Computing & Communications Infrastructure for Public Health & ...	5/1/01 - 4/30/04	01220301 \$558,291
<i>Investigators/Collaborators:</i>				
Stohlgren,Thomas J Kalkhan,Mohammed Reich,Robin M	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab Natural Resource Ecology Lab Forest Sciences		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Resources**

*Natural Resource Ecology Lab*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of New Hampshire	Sub-pixel Mapping & Monitoring of Snow-Ice/Cover & Inland Water: Implications to Meso-Scale Climate/Hydrological...	5/1/01 - 4/30/04	01220901 \$199,991
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Baron,Jill	Co-PI	Natural Resource Ecology Lab		
Liston,Glen E	Co-PI	Atmospheric Science		
Pielke,Roger A	Co-PI	Atmospheric Science		
Natural Resource Ecology Lab	NSF - National Science Foundation	Advanced Computational Design for Terrestrial Earth System Science Research: Coupled Land-Atmosphere Simulation ...	9/1/01 - 8/31/06	01224301 \$4,948,556
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Parton,William J	Collaborator	Natural Resource Ecology Lab		
Pielke,Roger A	Collaborator	Atmospheric Science		
Schimmel,David S	Collaborator	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	USDA - US Department of Agriculture	Analysis of Ecological Capacities, Land Use Practices, Operational Scale, & the Sustainability of Family Farms...	6/1/01 - 5/31/04	01227501 \$382,714
<i>Investigators/Collaborators:</i>				
Ellis,James	Primary PI	Natural Resource Ecology Lab		
Galvin,Kathleen	Co-PI	Anthropology		
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	The Role of Africa in Terrestrial Carbon Exchange & Atmospheric CO2: Reducing Regional & Global Carbon Cycle Uncertainty	5/1/01 - 4/30/04	01232201 \$1,061,275
<i>Investigators/Collaborators:</i>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Denning,A Scott	Co-PI	Atmospheric Science		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Resources**

***Natural Resource Ecology Lab***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NSF - National Science Foundation	Furthering Our Understanding of Biogeochemistry, Hydrology, the Atmosphere & Human Land Use as a Coupled System	9/1/01 - 8/31/06	01275901 \$2,999,291
<b><i>Investigators/Collaborators:</i></b>				
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Baron,Jill	Collaborator	Natural Resource Ecology Lab		
Hanan,Niall P	Collaborator	Natural Resource Ecology Lab		
Ojima,Dennis	Collaborator	Natural Resource Ecology Lab		
Ramirez,Jorge A	Collaborator	Civil Engineering		
Theobald,David M	Collaborator	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	NSF - National Science Foundation	Biocomplexity in African Savannas	10/1/01 - 9/30/05	01276301 \$1,424,965
<b><i>Investigators/Collaborators:</i></b>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Coughenour,Michael B	Co-PI	Natural Resource Ecology Lab		
Omi,Philip N	Co-PI	Forest Sciences		
Dangelmayr,Gerhard H	Collaborator	Mathematics		
Natural Resource Ecology Lab	University of Wyoming	Early Forecasting of Forage Production for Use in Adaptive Management Strategies	10/1/01 - 9/30/05	01300901 \$2,040,156
<b><i>Investigators/Collaborators:</i></b>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Bohren,Lenora	Co-PI	Mfg Tech & Constr Mgmt		
Doesken,Nolan J	Co-PI	Atmospheric Science		
Galvin,Kathleen	Co-PI	Anthropology		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Pielke,Roger A	Co-PI	Atmospheric Science		
Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	Natural Resource Ecology Lab (NREL) & Center for Earth Atmosphere Studies (CEAS) Joint UV-B Research	4/1/01 - 3/31/03	02318001 \$142,527
<b><i>Investigators/Collaborators:</i></b>				
Slusser,James R	Primary PI	Natural Resource Ecology Lab		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Natural Resources**

***Rangeland Ecosystem Science***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Microbiology	USDA - US Department of Agriculture	Rangeland Fungi in Changing Soils: a Direct Isolation-based, Molecular Assessment	8/1/01 - 7/31/04	01229201 \$343,454
<i>Investigators/Collaborators:</i>				
Klein,Donald A	Primary PI	Microbiology		
Paschke,Mark W	Co-PI	Rangeland Ecosystem Science		
Rangeland Ecosystem Science	NSF - National Science Foundation	Ecosystem Effects of Bromus tectorum Invasion	1/1/02 - 12/31/04	02313701 \$905,700
<i>Investigators/Collaborators:</i>				
Lauenroth,William K	Primary PI	Rangeland Ecosystem Science		
Burke,Ingrid C	Co-PI	Forest Sciences		
Soil & Crop Sciences	EPA - Environmental Protection Agency	Comparison of Reclamation Treatments at the Buffalo Creek Wildfire Site	7/1/01 - 9/30/03	01310201 \$49,500
<i>Investigators/Collaborators:</i>				
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences		
Redente,Edward F	Co-PI	Rangeland Ecosystem Science		

**Natural Sciences**

***Biochemistry & Molecular Bio***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	University of Colorado	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/01 - 12/31/02	01251201 \$104,925
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		
Lacour,Agnete	Co-PI	Chemistry		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Natural Sciences**

***Biochemistry & Molecular Bio***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	HHS-NIH-National Institutes of Health	Training in Synaptic Neurobiology	4/1/02 - 3/31/07	01296101 \$1,275,029

***Investigators/Collaborators:***

Bamburg,James R	Primary PI	Biochemistry & Molecular Bio
Beam,Kurt G	Collaborator	Anatomy & Neurobiology
Dudek,F Edward	Collaborator	Anatomy & Neurobiology
Handa,Robert J	Collaborator	Anatomy & Neurobiology
Ishii,Douglas N	Collaborator	Physiology
Tamkun,Michael	Collaborator	Physiology
Wilcox,Christine L	Collaborator	Microbiology

Dean Of Natural Sciences	NSF - National Science Foundation	Technology Integration into Core Laboratory Education	1/1/02 - 12/31/03	01303301 \$199,815
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***Investigators/Collaborators:***

Sneider,Thomas W	Primary PI	Dean Of Natural Sciences
Bamburg,James R	Co-PI	Biochemistry & Molecular Bio
Bedinger,Patricia A	Co-PI	Biology
Fisher,Ellen R	Co-PI	Chemistry
Pilon-Smits,Elizabeth A.	Co-PI	Biology

***Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	Origins & Hybridization of Diffuse & Spotted Knapweeds Inferred from Molecular Data	7/1/01 - 6/30/04	01228601 \$264,241

***Investigators/Collaborators:***

Hufbauer,Ruth A	Primary PI	Bioagriculturl Sci & Pest Mgmt
Henk,Shanna C	Co-PI	Biology

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**Natural Sciences**

***Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	A Photonics-based System for High Throughput in vivo Screening of Plants & High Throughput in vivo Imaging of Gene ...	9/1/01 - 8/31/04	01245101 \$2,495,356
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Alciatore,David	Co-PI	Mechanical Engineering		
Bedinger,Patricia A	Co-PI	Biology		
Beveridge,J Ross	Co-PI	Computer Science		
Chemical & Biores Engineering	EPA - Environmental Protection Agency	Studies on the Uptake & Treatability of Arsenic in Phytoremediation Systems	10/1/01 - 9/30/04	01250001 \$433,901
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Ramsdell,Howard S	Co-PI	Environmental Health		
Chemical & Biores Engineering	EPA - Environmental Protection Agency	Elucidating the Roles of Plants & Microorganisms in the Rhizosphere Remediation of Polycyclic Aromatic Hydrocarbons	9/1/01 - 8/31/04	01255701 \$445,772
<i>Investigators/Collaborators:</i>				
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering		
Duteau,Nancy M	Co-PI	Microbiology		
Klein,Donald A	Co-PI	Microbiology		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Dean Of Natural Sciences	NSF - National Science Foundation	Technology Integration into Core Laboratory Education	1/1/02 - 12/31/03	01303301 \$199,815
<i>Investigators/Collaborators:</i>				
Sneider,Thomas W	Primary PI	Dean Of Natural Sciences		
Bamburg,James R	Co-PI	Biochemistry & Molecular Bio		
Bedinger,Patricia A	Co-PI	Biology		
Fisher,Ellen R	Co-PI	Chemistry		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Sciences**

***Biology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Forest Sciences	NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	1/1/02 - 12/31/06	01302901 \$369,290
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		
Forest Sciences	DOD-ARMY-ARO-Army Research Office	Role of Dust in the Recovery of Biological Soil Crusts	5/1/02 - 4/30/05	02317601 \$254,703
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		
Soil & Crop Sciences	USDA - US Department of Agriculture	Environmental Risk Associated with the Use of Transgenic Plants in Phytoremediation Systems	9/1/01 - 8/31/04	01273601 \$245,835
<i>Investigators/Collaborators:</i>				
Byrne,Patrick F	Primary PI	Soil & Crop Sciences		
Bedinger,Patricia A	Co-PI	Biology		
Cardon,Grant E	Co-PI	Soil & Crop Sciences		
Henk,Shanna C	Co-PI	Biology		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		

***Center For Sci, Math & Tech Ed***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Center For Sci, Math & Tech Ed	Montana State University	Center for Learning & Teaching in the West	9/15/01 - 8/31/06	01273201 \$1,576,481
<i>Investigators/Collaborators:</i>				
Geary,Edward E	Primary PI	Center For Sci, Math & Tech Ed		

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**Natural Sciences**

**Chemistry**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	University of Colorado	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/01 - 12/31/02	01251201 \$104,925
<i>Investigators/Collaborators:</i>				
Curthoys, Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson, Oren P	Co-PI	Chemistry		
Lacour, Agnete	Co-PI	Chemistry		
Chemical & Biores Engineering	NSF - National Science Foundation	Multianalyte Sensing Based on Optical Detection of Binding to Protein Nanoarrays	5/1/01 - 4/30/05	01213701 \$1,898,188
<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	EPA - Environmental Protection Agency	Virus Detection in Aqueous Streams Using Optical Detection of Binding to Protein Nanoarrays	10/1/01 - 9/30/04	02313901 \$449,303
<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	Co-PI	Elec. & Computer Engineering		
Chemistry	NSF - National Science Foundation	Acquisition of an Integrated Scanning Electron Microscope System	7/1/01 - 6/30/02	01247901 \$434,833
<i>Investigators/Collaborators:</i>				
Fisher, Ellen R	Primary PI	Chemistry		
Chandler, John P	Co-PI	Dean Of Vet Medicine		

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### Natural Sciences

#### Chemistry

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemistry	NSF - National Science Foundation	Towards the Rational Design & Control of Plasma Polymerized Materials for Biocompatible Coatings & Electronic Devices	7/1/01 - 6/30/04	01268501 \$1,064,032

#### *Investigators/Collaborators:*

Fisher, Ellen R	Primary PI	Chemistry
Dandy, David S	Co-PI	Chemical & Biores Engineering
Grainger, David W	Co-PI	Chemistry

Dean Of Natural Sciences	NSF - National Science Foundation	Technology Integration into Core Laboratory Education	1/1/02 - 12/31/03	01303301 \$199,815
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#### *Investigators/Collaborators:*

Sneider, Thomas W	Primary PI	Dean Of Natural Sciences
Bamburg, James R	Co-PI	Biochemistry & Molecular Bio
Bedinger, Patricia A	Co-PI	Biology
Fisher, Ellen R	Co-PI	Chemistry
Pilon-Smits, Elizabeth A.	Co-PI	Biology

Mechanical Engineering	CaP Biotechnology, Inc.	Calcium Phosphate Microcarriers for Bone Cell Culture & Bone Healing Applications	7/1/01 - 6/30/02	01268201 \$40,000
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#### *Investigators/Collaborators:*

Wheeler, Donna	Primary PI	Mechanical Engineering
Koenig, Andrea L	Collaborator	Chemistry

### Computer Science

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	A Photonics-based System for High Throughput in vivo Screening of Plants & High Throughput in vivo Imaging of Gene ...	9/1/01 - 8/31/04	01245101 \$2,495,356

#### *Investigators/Collaborators:*

Medford, June I	Primary PI	Biology
Alciatore, David	Co-PI	Mechanical Engineering
Bedinger, Patricia A	Co-PI	Biology
Beveridge, J Ross	Co-PI	Computer Science

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Natural Sciences**

*Dean Of Natural Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Natural Sciences	Arnold & Mabel Beckman Foundation	Beckman Scholars Program - Undergraduate Research	6/1/01 - 9/30/03	01210001 \$105,600
<i>Investigators/Collaborators:</i>				
Sneider,Thomas W      Primary PI	Dean Of Natural Sciences			
Dean Of Natural Sciences	NSF - National Science Foundation	Technology Integration into Core Laboratory Education	1/1/02 - 12/31/03	01303301 \$199,815
<i>Investigators/Collaborators:</i>				
Sneider,Thomas W      Primary PI	Dean Of Natural Sciences			
Bamburg,James R      Co-PI	Biochemistry & Molecular Bio			
Bedinger,Patricia A    Co-PI	Biology			
Fisher,Ellen R        Co-PI	Chemistry			
Pilon-Smits,Elizabeth A. Co-PI	Biology			

**Mathematics**

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NSF - National Science Foundation	Biocomplexity in African Savannas	10/1/01 - 9/30/05	01276301 \$1,424,965
<i>Investigators/Collaborators:</i>				
Hanan,Niall P        Primary PI	Natural Resource Ecology Lab			
Coughenour,Michael B Co-PI	Natural Resource Ecology Lab			
Omi,Philip N        Co-PI	Forest Sciences			
Dangelmayr,Gerhard H Collaborator	Mathematics			

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Natural Sciences**

*Physics*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	Universidad de Atacama	Little Shop of Physics	4/1/01 - 12/1/01	01294501 \$7,737
<i>Investigators/Collaborators:</i>				
Sheafor,Bradford W	Primary PI	Social Work		
Jones,Brian	Co-PI	Physics		
Physics	University of Wyoming	High Pressure Brillouin Scattering Studies of Amorphous Phase Structural Transitions	6/1/01 - 5/31/04	01223301 \$193,330
<i>Investigators/Collaborators:</i>				
Hochheimer,Hans D	Primary PI	Physics		

*Psychology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	2/12/01 - 12/31/01	01265501 \$80,250
<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		
Marketing	University of Colorado	Preventing Tobacco Use in Rural Towns: Community-Based Media	7/1/01 - 6/30/04	01248601 \$696,933
<i>Investigators/Collaborators:</i>				
Kelly,Kathleen J	Primary PI	Marketing		
Edwards,Ruth W	Co-PI	Psychology		
Mechanical Engineering	Colorado Institute of Technology	Learn to Dream Summer Camp for Middle School Girls	6/1/01 - 12/1/01	01261901 \$33,986
<i>Investigators/Collaborators:</i>				
James,Susan P	Primary PI	Mechanical Engineering		
Mccarthy,Anne M	Co-PI	Management		
Aloise-Young,Patricia A	Collaborator	Psychology		

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**Natural Sciences**

*Psychology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Psychology	American Psychological Association	Colorado State University Occupational Health Psychology Graduate Training	9/1/01 - 5/30/02	01272601 \$24,792
<i>Investigators/Collaborators:</i>				
Chen, Peter	Primary PI	Psychology		
Psychology	NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male, Majority & Minority	9/30/01 - 10/1/04	01280201 \$496,354
<i>Investigators/Collaborators:</i>				
James, Keith	Primary PI	Psychology		
Sarason, Yolanda	Co-PI	Management		

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*Statistics*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Statistics	NSF - National Science Foundation	Program for Interdisciplinary Statistics Ecology & Mathematics	8/1/02 - 7/31/07	02319801 \$2,563,772
<i>Investigators/Collaborators:</i>				
Davis, Richard A	Primary PI	Statistics		

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**Other**

*Colorado State Forest Svc-Csu*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Coached Land Planning & Care	6/1/01 - 12/31/02	01207401 \$98,000
<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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**Other**

*Cooperative Extension*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	5/1/01 - 5/1/04	01205501 \$51,526
<i>Investigators/Collaborators:</i>				
Hammon,Robert W	Primary PI	Western Colorado Research Ctr		
Hooten,Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	10/1/01 - 9/30/04	01295001 \$399,716
<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		
Civil Engineering	USDA - US Department of Agriculture	Decision Support System Integrating Remote Sensing & Multidisciplinary Precision Farming Strategies	9/1/01 - 8/31/05	01296201 \$1,999,940
<i>Investigators/Collaborators:</i>				
Broner,Israel	Primary PI	Civil Engineering		
Bausch,Walter C	Co-PI	Civil Engineering		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Kaan,Dennis A	Co-PI	Cooperative Extension		
Khosla,Raj	Co-PI	Soil & Crop Sciences		
Loftis,Jim C	Co-PI	Civil Engineering		
Westfall,Dwayne G	Co-PI	Soil & Crop Sciences		
Westra,Philip	Co-PI	Bioagriculturl Sci & Pest Mgmt		

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**Inter-departmental Proposals Submitted July 1, 2000 - June 30, 2001\***

**Other**

***Cooperative Extension***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Coached Land Planning & Care	6/1/01 - 12/31/02	01207401 \$98,000
<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		
Cooperative Extension	EPA - Environmental Protection Agency	Building Local Capacity Through Land Use Decision Making: AgLandWest: the Workshop	7/1/01 - 6/30/02	01220501 \$4,980
<i>Investigators/Collaborators:</i>				
Knop,Sheila A	Primary PI	Cooperative Extension		
Laughlin,Diana C	Co-PI	Sociology		
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Livestock Marketing Information Center: Multi-State Research Support	1/1/01 - 12/31/01	01253101 \$173,160
<i>Investigators/Collaborators:</i>				
Robb,James G	Primary PI	Cooperative Extension		
Cooperative Extension	HHS-PHS-Public Health Services	Families-School Bridge for Children Entering School	8/1/01 - 7/31/05	01263801 \$894,070
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	HHS-SAMHSA-Subt Abuse & Mental Hlth Srv	Family School Bridge for Children Entering School	7/1/01 - 6/30/04	01289001 \$1,125,378
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		

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**Other**

***Cooperative Extension***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Monitoring Landscape Disturbances Using Geospatial Technologies	7/1/01 - 9/30/05	01300501 \$1,992,753
<b><i>Investigators/Collaborators:</i></b>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Ayers,Paul D	Collaborator	Civil Engineering		
Beck,K George	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Steffens,Tim J	Collaborator	Cooperative Extension		
Cooperative Extension	USDA-CSREES-Coop State Rsrch Edu & Ext	Risk & Resilience in Agriculture Education Project in Colorado	10/1/01 - 9/30/02	01304801 \$22,895
<b><i>Investigators/Collaborators:</i></b>				
Kaan,Dennis A	Primary PI	Cooperative Extension		
Fetsch,Robert J	Co-PI	Human Dev & Family Studies		
Cooperative Extension	US Dept Housing & Urban Development	Colorado State University Community Outreach Partnership Center	10/1/01 - 9/30/04	01307601 \$397,165
<b><i>Investigators/Collaborators:</i></b>				
Miller,Jacque L	Primary PI	Cooperative Extension		
Asmus,Cheryl L	Co-PI	Dean Of Applied Human Sciences		
Soil & Crop Sciences	USDA - US Department of Agriculture	Alternative Strategies to Reduce Feeding Costs in Intermountain Beef Cattle Operations	10/1/01 - 9/30/04	01208801 \$146,636
<b><i>Investigators/Collaborators:</i></b>				
Brummer,Joe E	Primary PI	Mountain Meadow Research Ctr		
Zalesky,Douglas D	Co-PI	San Juan Basin Research Center		
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension		
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center		
Levalley,Roberta Baird	Collaborator	Cooperative Extension		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Whittier,Jack C	Collaborator	Animal Sciences		

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**Other**

***Mountain Meadow Research Ctr***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA - US Department of Agriculture	Alternative Strategies to Reduce Feeding Costs in Intermountain Beef Cattle Operations	10/1/01 - 9/30/04	01208801 \$146,636

***Investigators/Collaborators:***

Brummer,Joe E	Primary PI	Mountain Meadow Research Ctr
Zalesky,Douglas D	Co-PI	San Juan Basin Research Center
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center
Levalley,Roberta Baird	Collaborator	Cooperative Extension
Sharp,Rodney L	Collaborator	Cooperative Extension
Whittier,Jack C	Collaborator	Animal Sciences

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***San Juan Basin Research Center***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA - US Department of Agriculture	Alternative Strategies to Reduce Feeding Costs in Intermountain Beef Cattle Operations	10/1/01 - 9/30/04	01208801 \$146,636

***Investigators/Collaborators:***

Brummer,Joe E	Primary PI	Mountain Meadow Research Ctr
Zalesky,Douglas D	Co-PI	San Juan Basin Research Center
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center
Levalley,Roberta Baird	Collaborator	Cooperative Extension
Sharp,Rodney L	Collaborator	Cooperative Extension
Whittier,Jack C	Collaborator	Animal Sciences

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\*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, 2000 - June 30, 2001\***

**Other**

***San Luis Valley Research Ctr***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Horticulture & Landscape Arch	USDA-CSREES-Coop State Rsrch Edu & Ext	Towards a Second Columbian Exchange: Oxalis tuberosa, a Novel Alternative Tuber Crop	10/1/01 - 9/30/05	01289601 \$2,638,739
<i>Investigators/Collaborators:</i>				
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch		
Holm,David G	Co-PI	San Luis Valley Research Ctr		
Loureiro,Maria L	Co-PI	Agric & Resource Economics		

***Southwestern Colorado Res Ctr***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	5/1/01 - 5/1/04	01205501 \$51,526
<i>Investigators/Collaborators:</i>				
Hammon,Robert W	Primary PI	Western Colorado Research Ctr		
Hooten,Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Soil & Crop Sciences	USDA-Foreign Agricultural Service	Meeting the Challenges of Chickpea Production in Southwestern Colorado through Collaborative Research	3/1/01 - 2/29/04	01202401 \$44,952
<i>Investigators/Collaborators:</i>				
Berrada,Abdelfettah	Primary PI	Southwestern Colorado Res Ctr		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Hammon,Robert W	Co-PI	Western Colorado Research Ctr		

***University Health Services***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	US Department of Education	Drug Court as a Systems-based Model for High-risk Drinking on a Campus	7/1/01 - 6/30/03	01256301 \$349,615
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Mccracken,Pamela S	Co-PI	University Health Services		

\*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, 2000 - June 30, 2001\***

**Other**

***University Health Services***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	US Department of Justice	Drug Court as a Systems-based Model for High-risk Drinking on a Campus	9/1/01 - 8/31/03	01263101 \$358,979
<i>Investigators/Collaborators:</i>				
Asmus, Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Mccracken, Pamela S	Co-PI	University Health Services		
University Health Services	University of Northern Colorado	Affiliated Behavior & Peer Led Education to Prevent HIV/AIDS	1/1/01 - 12/31/06	01186801 \$171,947
<i>Investigators/Collaborators:</i>				
Morris, Debra A	Primary PI	University Health Services		

***Western Colorado Research Ctr***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	5/1/01 - 5/1/04	01205501 \$51,526
<i>Investigators/Collaborators:</i>				
Hammon, Robert W	Primary PI	Western Colorado Research Ctr		
Hooten, Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Sharp, Rodney L	Collaborator	Cooperative Extension		
Bioagricultural Sci & Pest Mgmt	USDA-Western Region I.P.M. Program	Modifying Late-season Harvest Schedules to Manage Alfalfa Stand Decline	10/1/01 - 9/30/03	01226901 \$49,036
<i>Investigators/Collaborators:</i>				
Hammon, Robert W	Primary PI	Western Colorado Research Ctr		
Bioagricultural Sci & Pest Mgmt	American Vineyard Foundation	Beneficial Mites as Biological Control Agents for Grape Powdery Mildew	5/1/01 - 4/30/02	01253601 \$24,655
<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		

\*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, 2000 - June 30, 2001\***

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**Other**

*Western Colorado Research Ctr*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA-Foreign Agricultural Service	Meeting the Challenges of Chickpea Production in Southwestern Colorado through Collaborative Research	3/1/01 - 2/29/04	01202401 \$44,952
<i>Investigators/Collaborators:</i>				
Berrada, Abdelfettah	Primary PI	Southwestern Colorado Res Ctr		
Brick, Mark A	Co-PI	Soil & Crop Sciences		
Hammon, Robert W	Co-PI	Western Colorado Research Ctr		

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**Vet. Medicine & Biomedical Sciences**

*Anatomy & Neurobiology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Establishing an Upper Division Science Consortium	1/1/01 - 12/20/03	01274201 \$814,189
<i>Investigators/Collaborators:</i>				
McConnell, Sherry	Primary PI	Anatomy & Neurobiology		
Bowen, Richard A	Co-PI	Physiology		
Biochemistry & Molecular Bio	HHS-NIH-National Institutes of Health	Training in Synaptic Neurobiology	4/1/02 - 3/31/07	01296101 \$1,275,029
<i>Investigators/Collaborators:</i>				
Bamburg, James R	Primary PI	Biochemistry & Molecular Bio		
Beam, Kurt G	Collaborator	Anatomy & Neurobiology		
Dudek, F Edward	Collaborator	Anatomy & Neurobiology		
Handa, Robert J	Collaborator	Anatomy & Neurobiology		
Ishii, Douglas N	Collaborator	Physiology		
Tamkun, Michael	Collaborator	Physiology		
Wilcox, Christine L	Collaborator	Microbiology		

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\*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, 2000 - June 30, 2001\***

**Vet. Medicine & Biomedical Sciences**

*Clinical Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	Morris Animal Foundation	Effect of Nutrition & Exercise on Bone Growth, Development & Subsequent Bone Health in Weanling Horses	11/15/01 - 6/1/03	01280801 \$70,850
<i>Investigators/Collaborators:</i>				
Siciliano,Paul D	Primary PI	Animal Sciences		
Turner,Anthony Simon	Collaborator	Clinical Sciences		
Clinical Sciences	Whitaker Foundation	Experimental Analysis of Osteochondral Host/Graft Tissue Interfaces During Simulated Physiological Loading	9/1/01 - 8/31/04	01265201 \$202,792
<i>Investigators/Collaborators:</i>				
Kawcak,Christopher E	Primary PI	Clinical Sciences		
James,Susan P	Co-PI	Mechanical Engineering		
Smith,Frederick W	Collaborator	Mechanical Engineering		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Clinical Sciences	Morris Animal Foundation	Investigation of Metabolic & Endocrine Changes in the Canine Critical Patient	7/1/01 - 6/30/04	01279701 \$67,618
<i>Investigators/Collaborators:</i>				
Hackett,Timothy B	Primary PI	Clinical Sciences		
Fettman,Martin J	Co-PI	Pathology		
Mazzaferro,Elisa M	Co-PI	Clinical Sciences		
Ogilvie,Gregory K	Co-PI	Clinical Sciences		
Wingfield,Wayne E	Co-PI	Clinical Sciences		
Clinical Sciences	Morris Animal Foundation	Conventional & Rush Immunotherapy in Canine Atopic Dermatitis	7/1/01 - 12/31/03	01279801 \$25,507
<i>Investigators/Collaborators:</i>				
Mueller,Ralf S	Primary PI	Clinical Sciences		
Avery,Anne C	Co-PI	Pathology		
Bettenay,Sonya V.T	Collaborator	Clinical Sciences		
Rosychuk,Rod A W	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 Proposals Submitted July 1, 2000 - June 30, 2001\***

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**Vet. Medicine & Biomedical Sciences**

*Clinical Sciences*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	USDA - US Department of Agriculture	Intergrated Livestock Management Approach to Dairy Quality Assurance	10/1/01 - 9/30/05	01287101 \$1,304,384

*Investigators/Collaborators:*

Garry, Franklyn B	Primary PI	Clinical Sciences
Frasier, W. Marshall	Co-PI	Agric & Resource Economics
Hoag, Dana Loyd	Co-PI	Agric & Resource Economics
Salman, M D	Co-PI	Environmental Health

Environmental Health	DOI-BLM-Bureau of Land Management	Preliminary Study of the Respiratory Disease Status of Wild Horses & Burros	6/1/01 - 5/31/02	01309201 \$49,785
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*Investigators/Collaborators:*

Salman, M D	Primary PI	Environmental Health
Traub-Dargatz, Josie L	Co-PI	Clinical Sciences

Mechanical Engineering	Stryker Biotech	Healing of Tibial Ostectomy Using Osteogenic Protein-1 Device	6/1/01 - 6/1/02	01295801 \$177,480
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*Investigators/Collaborators:*

Wheeler, Donna	Primary PI	Mechanical Engineering
Pluhar, G. Elizabeth	Collaborator	Clinical Sciences
Turner, Anthony Simon	Collaborator	Clinical Sciences

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*Dean Of Vet Medicine*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemistry	NSF - National Science Foundation	Acquisition of an Integrated Scanning Electron Microscope System	7/1/01 - 6/30/02	01247901 \$434,833

*Investigators/Collaborators:*

Fisher, Ellen R	Primary PI	Chemistry
Chandler, John P	Co-PI	Dean Of Vet Medicine

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\*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, 2000 - June 30, 2001\***

**Vet. Medicine & Biomedical Sciences**

***Environmental Health***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	EPA - Environmental Protection Agency	Studies on the Uptake & Treatability of Arsenic in Phytoremediation Systems	10/1/01 - 9/30/04	01250001 \$433,901
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Ramsdell,Howard S	Co-PI	Environmental Health		
Chemical & Biores Engineering	DOD - US Department of Defense	Immobilization of RDX & HMX in Phytoremediation Systems for Effective Clean-up	10/1/01 - 9/30/04	01250501 \$625,897
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering		
Ramsdell,Howard S	Co-PI	Environmental Health		
Clinical Sciences	USDA - US Department of Agriculture	Intergrated Livestock Management Approach to Dairy Quality Assurance	10/1/01 - 9/30/05	01287101 \$1,304,384
<i>Investigators/Collaborators:</i>				
Garry,Franklyn B	Primary PI	Clinical Sciences		
Frasier,W. Marshall	Co-PI	Agric & Resource Economics		
Hoag,Dana Loyd	Co-PI	Agric & Resource Economics		
Salman,M D	Co-PI	Environmental Health		
Environmental Health	DOD - US Department of Defense	Environmental Fate & Toxicology of CL-20	10/1/01 - 9/30/04	01249501 \$1,199,038
<i>Investigators/Collaborators:</i>				
Ramsdell,Howard S	Primary PI	Environmental Health		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Durnford,Deanna S	Collaborator	Civil Engineering		
Legare,Marie E	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, 2000 - June 30, 2001\***

**Vet. Medicine & Biomedical Sciences**

***Environmental Health***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-CDC-Centers for Disease Control	Centers for Agricultural Disease & Injury Research, Education & Prevention	10/1/01 - 9/30/06	01280301 \$4,809,638
<i>Investigators/Collaborators:</i>				
Buchan,Roy M	Primary PI	Environmental Health		
Ayers,Paul D	Co-PI	Civil Engineering		
Rask,Glen	Co-PI	Dean Of Agricultural Sciences		
Sandfort,Delvin R	Co-PI	Environmental Health		
Seiz,Robert	Co-PI	Social Work		
Tessari,John Domenic	Co-PI	Environmental Health		
Tillery,Marvin I	Co-PI	Environmental Health		
Todd,Brit E	Co-PI	Environmental Health		
Environmental Health	USDA-CSREES-Coop State Rsrch Edu & Ext	Escherichia coli O157 in Cattle & Beef: Risks & Outreach Control Efforts	10/1/01 - 9/30/03	01295301 \$526,662
<i>Investigators/Collaborators:</i>				
Salman,M D	Primary PI	Environmental Health		
Smith,Gary C	Co-PI	Animal Sciences		
Sofos,John N	Co-PI	Animal Sciences		
Environmental Health	DOI-BLM-Bureau of Land Management	Preliminary Study of the Respiratory Disease Status of Wild Horses & Burros	6/1/01 - 5/31/02	01309201 \$49,785
<i>Investigators/Collaborators:</i>				
Salman,M D	Primary PI	Environmental Health		
Traub-Dargatz,Josie L	Co-PI	Clinical Sciences		

\*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, 2000 - June 30, 2001\***

**Vet. Medicine & Biomedical Sciences**

***Microbiology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	HHS-NIH-National Institutes of Health	Training in Synaptic Neurobiology	4/1/02 - 3/31/07	01296101 \$1,275,029
<b><i>Investigators/Collaborators:</i></b>				
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio		
Beam,Kurt G	Collaborator	Anatomy & Neurobiology		
Dudek,F Edward	Collaborator	Anatomy & Neurobiology		
Handa,Robert J	Collaborator	Anatomy & Neurobiology		
Ishii,Douglas N	Collaborator	Physiology		
Tamkun,Michael	Collaborator	Physiology		
Wilcox,Christine L	Collaborator	Microbiology		
Chemical & Biores Engineering	EPA - Environmental Protection Agency	Elucidating the Roles of Plants & Microorganisms in the Rhizosphere Remediation of Polycyclic Aromatic Hydrocarbons	9/1/01 - 8/31/04	01255701 \$445,772
<b><i>Investigators/Collaborators:</i></b>				
Reardon,Kenneth F	Primary PI	Chemical & Biores Engineering		
Duteau,Nancy M	Co-PI	Microbiology		
Klein,Donald A	Co-PI	Microbiology		
Pilon-Smits,Elizabeth A.	Co-PI	Biology		
Chemical & Biores Engineering	Bateman-Merrick	Agricultural Industries of the Future	7/1/01 - 6/30/05	01279001 \$640,981
<b><i>Investigators/Collaborators:</i></b>				
Linden,James C	Primary PI	Microbiology		
Henk,Linda L	Co-PI	Chemical & Biores Engineering		
Karim,M Nazmul	Co-PI	Chemical & Biores Engineering		
Chemical & Biores Engineering	DOE - US Department of Energy	Industrial Materials for the Future by Peracetic Acid Treatment of Lignin	11/30/01 - 11/30/06	01303201 \$766,169
<b><i>Investigators/Collaborators:</i></b>				
Linden,James C	Primary PI	Microbiology		
Schroeder,Herbert A	Co-PI	Chemical & Biores Engineering		

\*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, 2000 - June 30, 2001\***

**Vet. Medicine & Biomedical Sciences**

***Microbiology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Microbiology	USDA-Foreign Agricultural Service	Phytase Production by Solid Substrate Fermentation	2/1/01 - 1/31/04	01199801 \$45,000
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Tengerdy,Robert	Co-PI	Microbiology		
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Microbiology	USDA - US Department of Agriculture	Rangeland Fungi in Changing Soils: a Direct Isolation-based, Molecular Assessment	8/1/01 - 7/31/04	01229201 \$343,454
<i>Investigators/Collaborators:</i>				
Klein,Donald A	Primary PI	Microbiology		
Paschke,Mark W	Co-PI	Rangeland Ecosystem Science		
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Microbiology	AgriHouse, Inc	Transgenic Cocoyam	12/1/01 - 11/30/03	01293801 \$148,252
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Hughes,Harrison G	Co-PI	Horticulture & Landscape Arch		

***Pathology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	Morris Animal Foundation	Investigation of Metabolic & Endocrine Changes in the Canine Critical Patient	7/1/01 - 6/30/04	01279701 \$67,618
<i>Investigators/Collaborators:</i>				
Hackett,Timothy B	Primary PI	Clinical Sciences		
Fettman,Martin J	Co-PI	Pathology		
Mazzafarro,Elisa M	Co-PI	Clinical Sciences		
Ogilvie,Gregory K	Co-PI	Clinical Sciences		
Wingfield,Wayne E	Co-PI	Clinical Sciences		
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\*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, 2000 - June 30, 2001\***

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**Vet. Medicine & Biomedical Sciences**

***Pathology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	Morris Animal Foundation	Conventional & Rush Immunotherapy in Canine Atopic Dermatitis	7/1/01 - 12/31/03	01279801 \$25,507
<i>Investigators/Collaborators:</i>				
Mueller,Ralf S	Primary PI	Clinical Sciences		
Avery,Anne C	Co-PI	Pathology		
Bettenay,Sonya V.T	Collaborator	Clinical Sciences		
Rosychuk,Rod A W	Collaborator	Clinical Sciences		
Natural Resource Ecology Lab	DOS-AID-Agency for Inter. Development	Assessments of Livestock-Wildlife Interactions in East Africa	1/1/01 - 4/30/01	01206401 \$50,001
<i>Investigators/Collaborators:</i>				
Ellis,James	Primary PI	Natural Resource Ecology Lab		
Coughenour,Michael B	Co-PI	Natural Resource Ecology Lab		
Demartini,James C	Co-PI	Pathology		
Galvin,Kathleen	Co-PI	Anthropology		

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***Physiology***

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Establishing an Upper Division Science Consortium	1/1/01 - 12/20/03	01274201 \$814,189
<i>Investigators/Collaborators:</i>				
McConnell,Sherry	Primary PI	Anatomy & Neurobiology		
Bowen,Richard A	Co-PI	Physiology		

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\*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, 2000 - June 30, 2001\***

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**Vet. Medicine & Biomedical Sciences**

*Physiology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	HHS-NIH-National Institutes of Health	Training in Synaptic Neurobiology	4/1/02 - 3/31/07	01296101 \$1,275,029
<i>Investigators/Collaborators:</i>				
Bamburg,James R	Primary PI	Biochemistry & Molecular Bio		
Beam,Kurt G	Collaborator	Anatomy & Neurobiology		
Dudek,F Edward	Collaborator	Anatomy & Neurobiology		
Handa,Robert J	Collaborator	Anatomy & Neurobiology		
Ishii,Douglas N	Collaborator	Physiology		
Tamkun,Michael	Collaborator	Physiology		
Wilcox,Christine L	Collaborator	Microbiology		
Physiology	American Heart Association	The Contribution of Angiotensinogen to Abdominal Fat-related Hypertension & Nephropathy	7/1/01 - 6/30/03	01217001 \$66,000
<i>Investigators/Collaborators:</i>				
Marley,Wanda	Primary PI	Physiology		
Gotshall,Robert W	Co-PI	Dept Of Health & Exercise Sci		

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\*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, 2000 - June 30, 2001\*

*Sorted by Primary PI*

<b>Project Number</b>	<b>Primary PI</b>	<b>Administering Department</b>	<b>Sponsor</b>	<b>Total</b>
1366	Donley, Vanessa	Cooperative Extension	Auburn University	\$64,949.00
5761	Fontane, Darrell G	Civil Engineering	AMIDEAST	\$7,440.00
0502	Hobbs, N. Thompson	Natural Resource Ecology Lab	Colorado Division of Wildlife	\$196,417.00
5055	Loftis, Jim C	Civil Engineering	Various "Non-Profit" Sponsors	\$4,000.00
5055	Loftis, Jim C	Civil Engineering	Various "Non-Profit" Sponsors	\$6,000.00
4544	Pickard, Gary E	Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	\$340,000.00
2335	Smith, Charles A.P	Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	\$71,500.00

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See the following pages for a detail breakdown

**Inter-departmental Awards Received July 1, 2000 - June 30, 2001\***

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**Agricultural Sciences**

*Agric & Resource Economics*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Civil Engineering	AMIDEAST	Environmental Economics for Transportation Planning - Training Program	7/30/01 - 8/10/01	5761 \$7,440

*Investigators/Collaborators:*

Fontane,Darrell G	Primary PI	Civil Engineering
Loomis,John B	Co-PI	Agric & Resource Economics

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**Business**

*Computer Information Systems*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	4/1/01 - 12/31/01	2335 \$71,500

*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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**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Civil Engineering	Various "Non-Profit" Sponsors	Eutrophication of Reservoirs on the Colorado Front Range	3/1/01 - 2/28/02	5055 \$6,000

*Investigators/Collaborators:*

Loftis,Jim C	Primary 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

*Investigators/Collaborators:*

Loftis,Jim C	Primary PI	Civil Engineering
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\*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, 2000 - June 30, 2001\***

**Engineering**

*Civil Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Civil Engineering	AMIDEAST	Environmental Economics for Transportation Planning - Training Program	7/30/01 - 8/10/01	5761 \$7,440

*Investigators/Collaborators:*

Fontane,Darrell G	Primary PI	Civil Engineering
Loomis,John B	Co-PI	Agric & Resource Economics

*Elec. & Computer Engineering*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	4/1/01 - 12/31/01	2335 \$71,500

*Investigators/Collaborators:*

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

**Natural Resources**

*Natural Resource Ecology Lab*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	Colorado Division of Wildlife	The Role of Habitat in the Decline of Mule Deer in Colorado	9/14/99 - 6/30/04	0502 \$196,417

*Investigators/Collaborators:*

Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab
Theobald,David M	Co-PI	Natural Resource Ecology Lab

\*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, 2000 - June 30, 2001\***

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**Natural Sciences**

*Psychology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Computer Information Systems	DOD-NAVY-ONR-Office of Naval Research	Multi-Modal Support for Augmented Cognition	4/1/01 - 12/31/01	2335 \$71,500

*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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**Other**

*Cooperative Extension*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Cooperative Extension	Auburn University	USDA/Army School-Age and Teen Project	1/8/01 - 9/30/01	1366 \$64,949

*Investigators/Collaborators:*

Donley, Vanessa	Primary PI	Cooperative Extension
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**Vet. Medicine & Biomedical Sciences**

*Anatomy & Neurobiology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Retinal Neurons Afferent to the Circadian System	7/1/01 - 6/30/06	4544 \$340,000

*Investigators/Collaborators:*

Pickard,Gary E	Primary PI	Anatomy & Neurobiology
Wilcox,Christine L	Co-PI	Microbiology

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\*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, 2000 - June 30, 2001\***

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**Vet. Medicine & Biomedical Sciences**

*Microbiology*

<u>Administering Department</u>	<u>Sponsor Nam</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Retinal Neurons Afferent to the Circadian System	7/1/01 - 6/30/06	4544 \$340,000
<i>Investigators/Collaborators:</i>				
Pickard, Gary E	Primary PI	Anatomy & Neurobiology		
Wilcox, Christine L	Co-PI	Microbiology		

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