

Office of the Vice President for Research  
and  
Information Technology

Research Proposals Submitted  
*and*  
Research Awards Received



Fiscal Year 2003

Third Quarter  
January 1, 2003 – March 31, 2003

**Colorado  
State**  
University®  
*Knowledge to Go Places*

# Research Proposals Submitted *and* Research Awards Received

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# Research Proposals Submitted *and* Research Awards Received

## Foreword

### Definitions and Background Information

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]).
- ◆ Effective July 1, 2002, the College of Veterinary Medicine and Biomedical Sciences re-organized. The Department of Anatomy and Neurobiology (1670) merged with the Department of Physiology (1672) to form the Department of Biomedical Sciences (1680). The Department of Environmental Health (1676) merged with the Department of Radiological Health Sciences (1673) to form the Department of Environmental and Radiological Health Sciences (1681). The Department of Pathology (1671) merged with the Department of Microbiology (1677) to form the Department of Microbiology, Immunology, and Pathology (1682).

### **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).

## **Multi-Million Dollar Proposals**

**Multi-Million Dollar Proposals\***  
**Third Quarter (January - March)**

<u>College/ Department</u>	<u>Sponsor</u>	<u>Start / End Dates</u>	<u>Total \$</u>	
<b>1999</b>				
Applied Human Sciences	Dean Of Applied Human Scien	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
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
Vet. Medicine & Biomedical S	Microbiology	Burroughs-Wellcome Fund Foundation	10/1/99 - 9/30/04	\$2,577,835
Vet. Medicine & Biomedical S	Microbiology	HHS-NIH-National Institutes of Health	8/1/99 - 7/31/03	\$3,343,527
Vet. Medicine & Biomedical S	Microbiology	NASA-ARC-Ames Research Center	2/1/99 - 1/31/02	\$2,110,578
<b>2000</b>				
Engineering	Atmospheric Science	NSF - National Science Foundation	9/30/00 - 9/29/05	\$3,298,136
Engineering	Electrical & Computer Engineeri	NSF - National Science Foundation	7/1/00 - 6/30/05	\$3,437,541
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 - 8/31/04	\$3,746,750
Natural Resources	Natural Resource Ecology Lab	HHS-NIH-National Institutes of Health	9/1/00 - 8/30/05	\$2,166,689
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/00 - 8/31/05	\$3,879,902
Natural Sciences	Computer Science	NSF - National Science Foundation	8/15/00 - 8/14/05	\$2,425,038
Vet. Medicine & Biomedical S	Dean Of Vet Medicine	HHS-NIH-National Institutes of Health	9/1/00 - 8/31/01	\$2,000,000
Vet. Medicine & Biomedical S	Microbiology	HHS-NIH-National Institutes of Health	12/1/00 - 11/30/05	\$2,524,602
<b>2001</b>				
Engineering	Atmospheric Science	NSF - National Science Foundation	7/1/01 - 6/30/06	\$3,508,449
Engineering	Atmospheric Science	DOE - US Department of Energy	6/1/01 - 5/31/06	\$3,701,424
Engineering	Civil Engineering	NSF - National Science Foundation	9/1/01 - 8/31/06	\$2,996,649
Engineering	Dean Of Engineering	NSF - National Science Foundation	11/1/01 - 10/31/06	\$4,700,000
Natural Resources	Fish & Wildlife Biology	NSF - National Science Foundation	10/1/01 - 9/30/06	\$2,412,431
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	11/1/01 - 10/31/06	\$2,499,774
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/01 - 8/31/06	\$2,999,291
Natural Sciences	Biology	NSF - National Science Foundation	9/1/01 - 8/31/04	\$2,495,356
Natural Sciences	Statistics	EPA - Environmental Protection Agency	10/1/01 - 9/30/05	\$2,998,331
Vet. Medicine & Biomedical S	Environmental Health	HHS-CDC-Centers for Disease Control	10/1/01 - 9/30/06	\$4,809,638
<b>2002</b>				
Agricultural Sciences	Soil & Crop Sciences	NSF - National Science Foundation	11/1/02 - 10/31/08	\$4,680,000
Engineering	Civil Engineering	NSF - National Science Foundation	1/1/03 - 1/1/08	\$9,951,093
Natural Sciences	Biochemistry & Molecular Bio	HHS-NIH-Nat Inst of General Medical S	12/1/02 - 11/30/07	\$2,475,167
Vet. Medicine & Biomedical S	Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	12/1/02 - 11/30/07	\$3,403,787
Vet. Medicine & Biomedical S	Environmental Health	NSF - National Science Foundation	1/1/03 - 12/31/07	\$2,507,164
Vet. Medicine & Biomedical S	Microbiology	Univ. of Texas Medical Branch/Galveston	9/27/02 - 9/26/09	\$6,889,392
Vet. Medicine & Biomedical S	Pathology	HHS-NIH-National Institutes of Health	10/1/02 - 9/30/09	\$7,874,199

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

If a fiscal year is not listed, there were no multi-million dollar proposals submitted during the fiscal year and quarter(s) indicated.

**Multi-Million Dollar Proposals\***  
**Third Quarter (January - March)**

<u>College/ Department</u>		<u>Sponsor</u>	<u>Start / End Dates</u>	<u>Total \$</u>
<b>2003</b>				
Agricultural Sciences	Soil & Crop Sciences	NSF - National Science Foundation	10/1/03 - 9/30/07	\$3,337,178
Applied Human Sciences	Dean Of Applied Human Scien	DOJ-OJP-NIJ-National Inst. of Justice	8/1/03 - 7/31/08	\$4,849,039
Engineering	Cira	UCAR-NCAR-COMET Atmospheric Te	4/1/03 - 9/30/08	\$10,783,253
Engineering	Dean Of Engineering	NSF - National Science Foundation	7/1/03 - 6/30/08	\$32,870,552
Engineering	Mechanical Engineering	NSF - National Science Foundation	10/1/03 - 10/1/08	\$3,393,462
Natural Sciences	Chemistry	HHS-NIH-National Institutes of Health	12/1/03 - 11/30/03	\$3,063,912
Natural Sciences	Computer Science	NSF - National Science Foundation	1/1/04 - 12/31/08	\$2,765,871
Natural Sciences	Mathematics	NSF - National Science Foundation	8/15/03 - 8/24/08	\$3,872,184
Other	Center For Life Sciences	University of Northern Colorado	10/1/03 - 9/30/09	\$2,983,433
Vet. Medicine & Biomedical S	Micro, Imuno & Path	HHS-NIH-National Institutes of Health	12/1/02 - 11/30/08	\$4,815,402
Vet. Medicine & Biomedical S	Micro, Imuno & Path	HHS-NIH-NIAID-Allergy & Infect Dise	8/1/03 - 7/30/08	\$39,878,066
Vet. Medicine & Biomedical S	Micro, Imuno & Path	HHS-NIH-NIAID-Allergy & Infect Dise	9/29/03 - 9/29/08	\$22,659,000

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

If a fiscal year is not listed, there were no multi-million dollar proposals submitted during the fiscal year and quarter(s) indicated.

## **Multi-Million Dollar Awards**

**Multi-Million Dollar Awards\***  
**Third Quarter (January - March)**

<u>College/ Department</u>		<u>Sponsor</u>	<u>Start / End Dates</u>	<u>Total \$</u>
<b>2002</b>				
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmosp	7/1/01 - 6/30/06	2,331,730
Other	Western Colorado Research Ctr	USDA-CSREES-Coop State Rsrch Edu &	9/15/01 - 9/30/05	2,500,000

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

If a fiscal year is not listed, there were no multi-million dollar awards received during the fiscal year and quarter(s) indicated.



# **Research Proposals Submitted and Research Awards Received**

## **Section I**

**Proposals by Fund Source  
Proposals by College  
Proposals by Department**

# **Proposals By Fund Source**

**Third Quarter (January - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

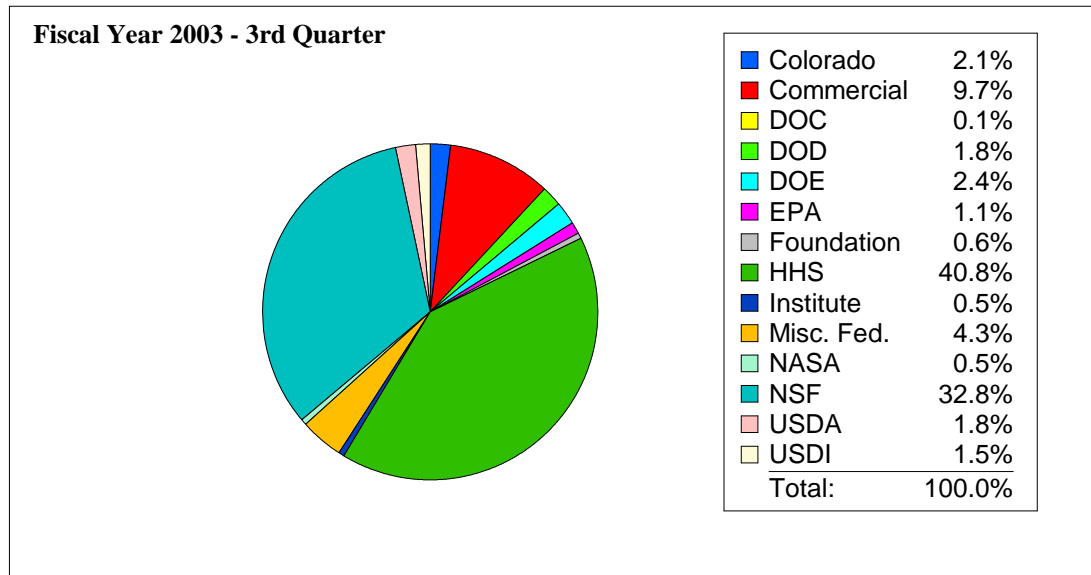
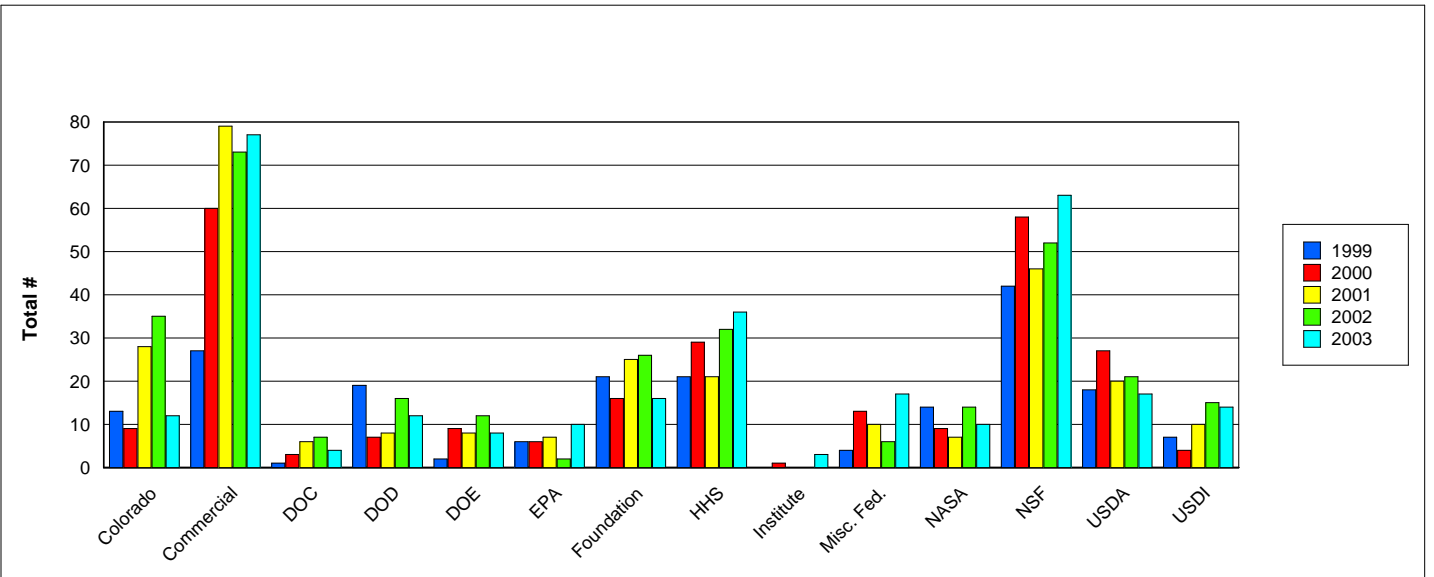
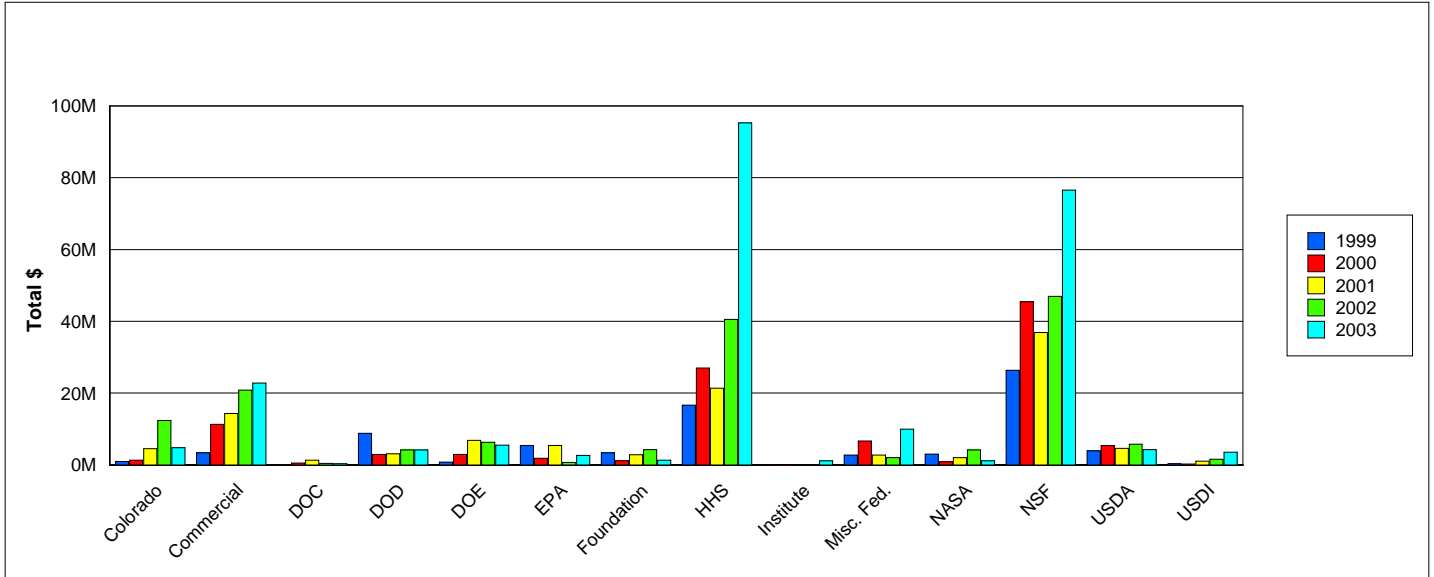
**Quarter(s): 3**

**New and Competing Continuation Proposals Submitted by Fund Source (\$ and #)**  
**Third Quarter (January - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Federal	\$67,976,538 134	\$93,674,409 165	\$85,340,838 143	\$112,787,619 177	\$203,464,249 191
Non Federal	\$7,741,125 61	\$13,855,241 86	\$21,739,006 132	\$37,437,071 134	\$30,082,874 108
<b>Total</b>	<b>\$75,717,663</b> <b>195</b>	<b>\$107,529,650</b> <b>251</b>	<b>\$107,079,844</b> <b>275</b>	<b>\$150,224,690</b> <b>311</b>	<b>\$233,547,123</b> <b>299</b>

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Colorado	\$955,209 13	\$1,328,684 9	\$4,566,051 28	\$12,374,172 35	\$4,816,279 12
Commercial	\$3,371,474 27	\$11,341,516 60	\$14,319,554 79	\$20,836,250 73	\$22,761,740 77
DOC	\$43,000 1	\$481,000 3	\$1,343,936 6	\$454,937 7	\$349,299 4
DOD	\$8,806,829 19	\$2,900,963 7	\$3,071,981 8	\$4,210,990 16	\$4,209,238 12
DOE	\$771,746 2	\$2,884,896 9	\$6,812,592 8	\$6,316,410 12	\$5,538,010 8
EPA	\$5,421,205 6	\$1,886,020 6	\$5,447,386 7	\$731,702 2	\$2,669,315 10
Foundation	\$3,414,442 21	\$1,160,041 16	\$2,853,401 25	\$4,226,649 26	\$1,355,626 16
HHS	\$16,646,356 21	\$27,011,675 29	\$21,399,645 21	\$40,557,817 32	\$95,269,073 36
Institute	\$0 0	\$25,000 1	\$0 0	\$0 0	\$1,149,229 3
Misc. Fed.	\$2,726,782 4	\$6,637,194 13	\$2,750,283 10	\$2,014,540 6	\$10,011,221 17
NASA	\$3,041,345 14	\$848,118 9	\$2,006,378 7	\$4,152,028 14	\$1,126,902 10
NSF	\$26,322,131 42	\$45,406,167 58	\$36,879,619 46	\$46,960,731 52	\$76,507,314 63
USDA	\$3,888,874 18	\$5,397,257 27	\$4,615,779 20	\$5,758,689 21	\$4,257,336 17
USDI	\$308,270 7	\$221,119 4	\$1,013,239 10	\$1,629,775 15	\$3,526,541 14
<b>Total</b>	<b>\$75,717,663</b> <b>195</b>	<b>\$107,529,650</b> <b>251</b>	<b>\$107,079,844</b> <b>275</b>	<b>\$150,224,690</b> <b>311</b>	<b>\$233,547,123</b> <b>299</b>

## New and Competing Continuation Proposals Submitted by Fund Source (\$ and #) Third Quarter (January - March)



# **Proposals By Fund Source**

**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 1, 2, 3**

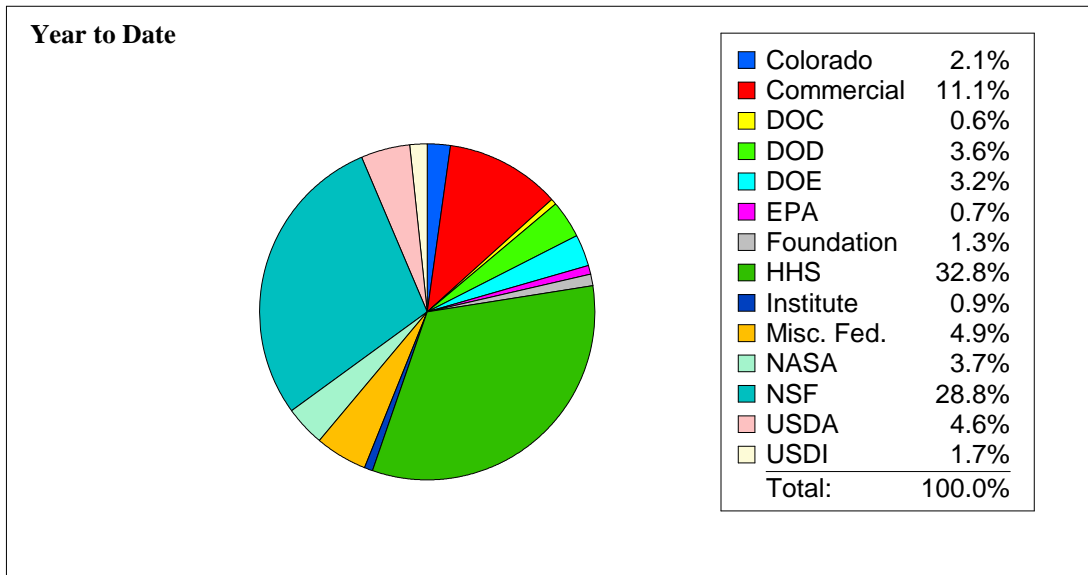
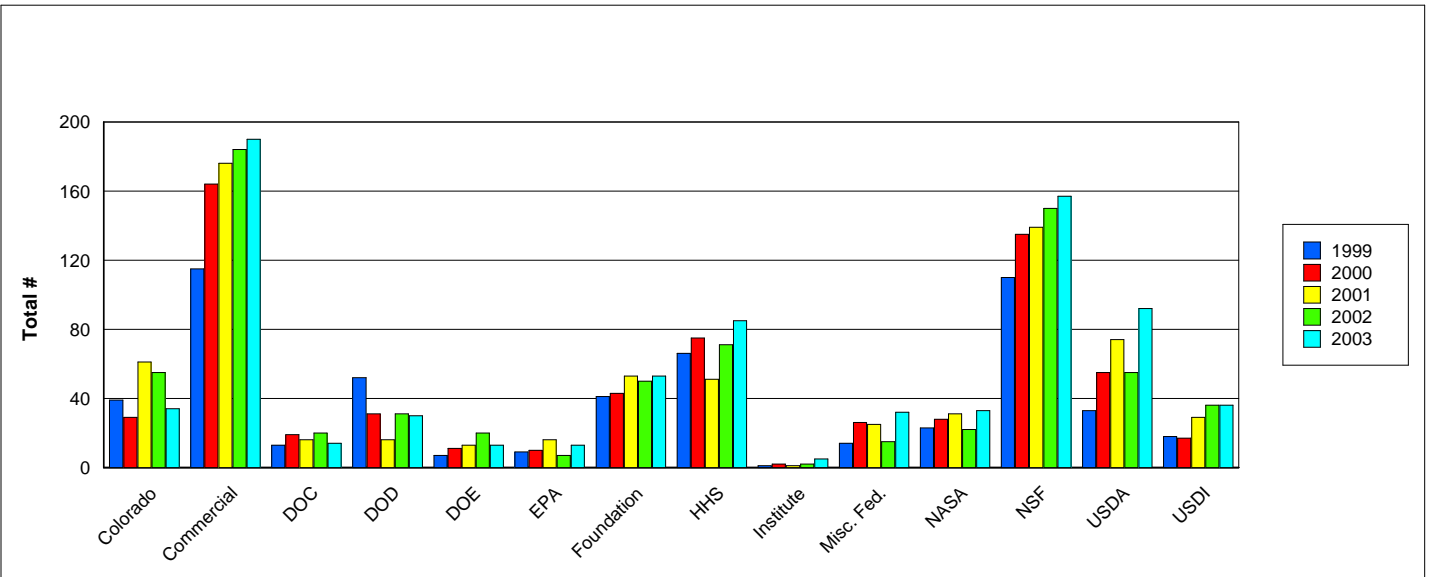
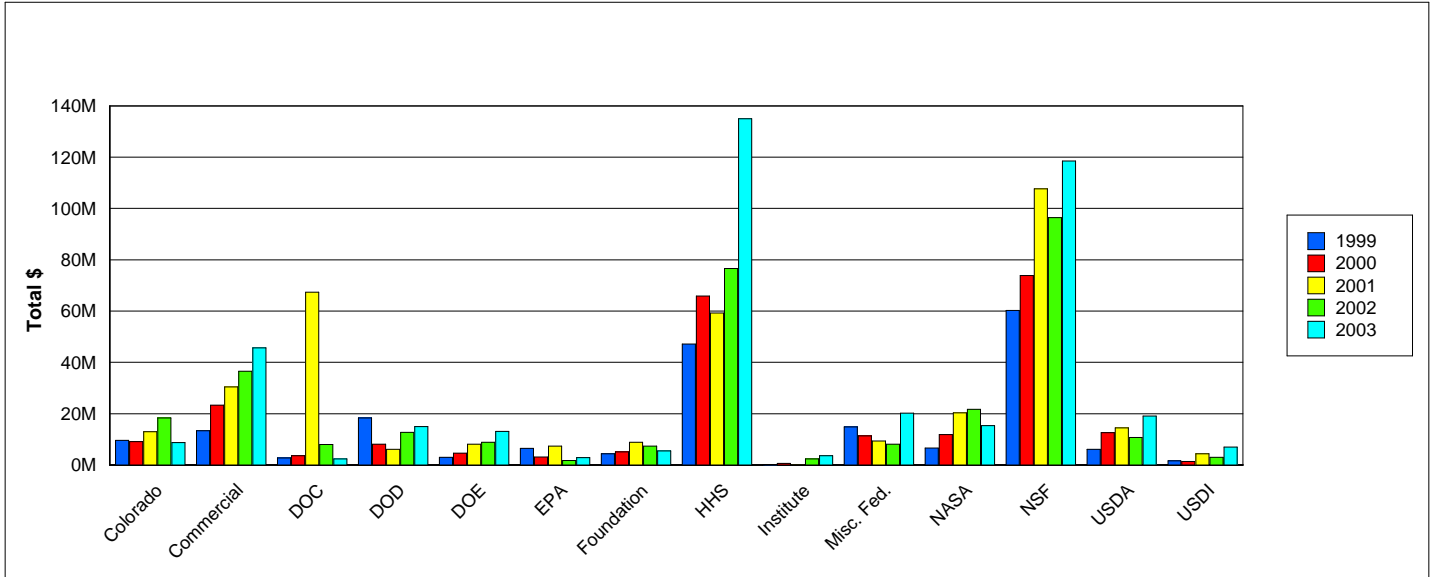
**New and Competing Continuation Proposals Submitted by Fund Source (\$ and #)**

**Fiscal Year to Date (July - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Federal	\$167,125,867 345	\$195,949,136 407	\$304,256,964 410	\$247,739,914 427	\$348,334,885 505
Non Federal	\$27,201,343 196	\$38,014,062 238	\$52,248,504 291	\$64,630,387 291	\$63,400,869 282
<b>Total</b>	<b>\$194,327,210</b> <b>541</b>	<b>\$233,963,198</b> <b>645</b>	<b>\$356,505,468</b> <b>701</b>	<b>\$312,370,301</b> <b>718</b>	<b>\$411,735,754</b> <b>787</b>

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Colorado	\$9,601,619 39	\$9,064,192 29	\$12,954,237 61	\$18,377,264 55	\$8,749,339 34
Commercial	\$13,286,403 115	\$23,297,917 164	\$30,408,840 176	\$36,551,625 184	\$45,639,445 190
DOC	\$2,731,515 13	\$3,577,800 19	\$67,401,641 16	\$7,934,876 20	\$2,309,470 14
DOD	\$18,299,962 52	\$8,035,480 31	\$6,131,968 16	\$12,686,376 31	\$14,966,839 30
DOE	\$2,981,499 7	\$4,569,653 11	\$8,076,347 13	\$8,786,166 20	\$13,058,424 13
EPA	\$6,436,665 9	\$3,071,048 10	\$7,330,336 16	\$1,754,184 7	\$2,869,654 13
Foundation	\$4,288,321 41	\$5,083,203 43	\$8,837,797 53	\$7,297,619 50	\$5,426,197 53
HHS	\$47,197,126 66	\$65,840,625 75	\$59,210,479 51	\$76,652,734 71	\$134,957,160 85
Institute	\$25,000 1	\$568,750 2	\$47,630 1	\$2,403,879 2	\$3,585,888 5
Misc. Fed.	\$14,777,674 14	\$11,327,696 26	\$9,317,316 25	\$8,084,212 15	\$20,211,108 32
NASA	\$6,630,400 23	\$11,801,092 28	\$20,372,214 31	\$21,750,953 22	\$15,361,593 33
NSF	\$60,279,579 110	\$73,819,163 135	\$107,643,051 139	\$96,395,805 150	\$118,488,147 157
USDA	\$6,141,037 33	\$12,565,342 55	\$14,389,011 74	\$10,715,386 55	\$19,130,136 92
USDI	\$1,650,410 18	\$1,341,237 17	\$4,384,601 29	\$2,979,222 36	\$6,982,354 36
<b>Total</b>	<b>\$194,327,210</b> <b>541</b>	<b>\$233,963,198</b> <b>645</b>	<b>\$356,505,468</b> <b>701</b>	<b>\$312,370,301</b> <b>718</b>	<b>\$411,735,754</b> <b>787</b>

## New and Competing Continuation Proposals Submitted by Fund Source (\$ and #) Fiscal Year to Date (July - March)



# **Proposals By College**

## **Third Quarter (January - March)**

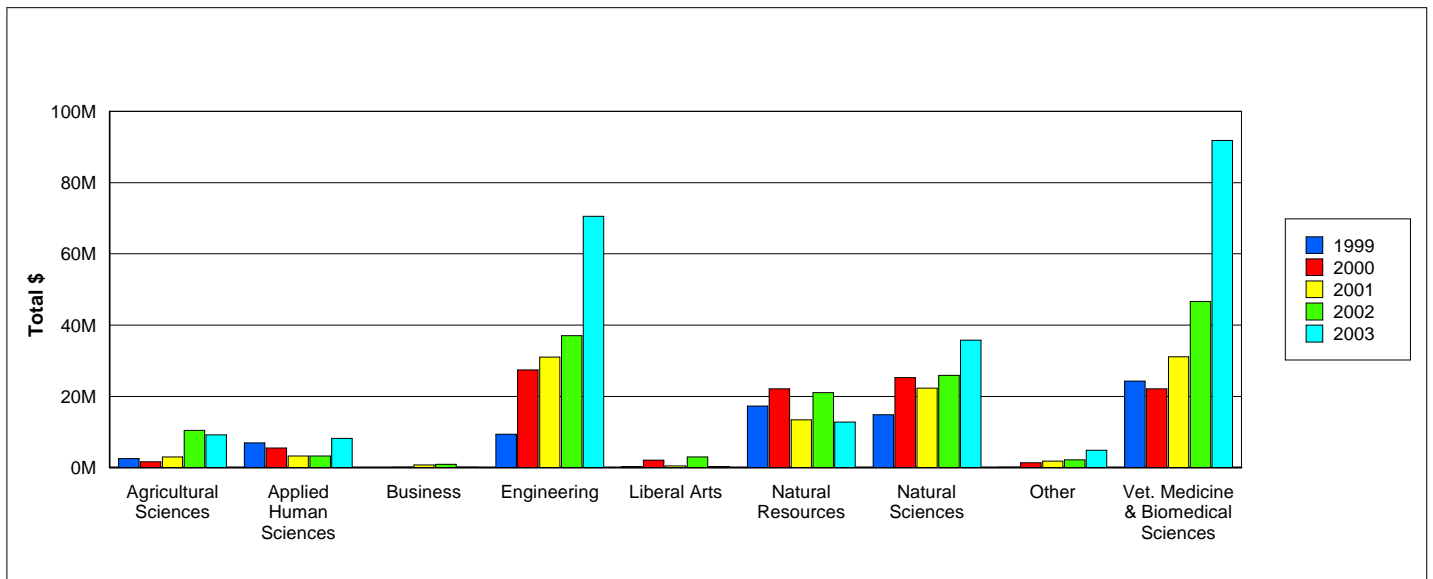
**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 3**



**New and Competing Continuation Proposals Submitted by College (\$ and #)  
Third Quarter (January - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agricultural Sciences	\$2,532,508 13	\$1,599,474 11	\$2,988,739 17	\$10,421,210 24	\$9,186,646 29
Applied Human Sciences	\$6,940,158 14	\$5,468,422 18	\$3,285,586 21	\$3,225,841 11	\$8,183,828 13
Business	\$0 0	\$98,285 2	\$777,183 2	\$908,371 2	\$85,432 2
Engineering	\$9,385,626 39	\$27,392,099 63	\$31,004,482 68	\$37,053,798 68	\$70,525,242 72
Liberal Arts	\$318,903 2	\$2,133,684 8	\$497,118 9	\$2,966,732 9	\$282,433 5
Natural Resources	\$17,243,247 44	\$22,136,453 37	\$13,367,287 36	\$20,993,703 60	\$12,817,971 42
Natural Sciences	\$14,886,454 33	\$25,221,255 49	\$22,294,535 52	\$25,888,816 46	\$35,780,624 47
Other	\$150,000 2	\$1,330,282 6	\$1,808,655 8	\$2,147,807 16	\$4,902,797 18
Vet. Medicine & Biomedical Sciences	\$24,260,767 48	\$22,149,696 57	\$31,056,259 62	\$46,618,412 75	\$91,782,150 71
<b>Total</b>	<b>\$75,717,663</b> <b>195</b>	<b>\$107,529,650</b> <b>251</b>	<b>\$107,079,844</b> <b>275</b>	<b>\$150,224,690</b> <b>311</b>	<b>\$233,547,123</b> <b>299</b>



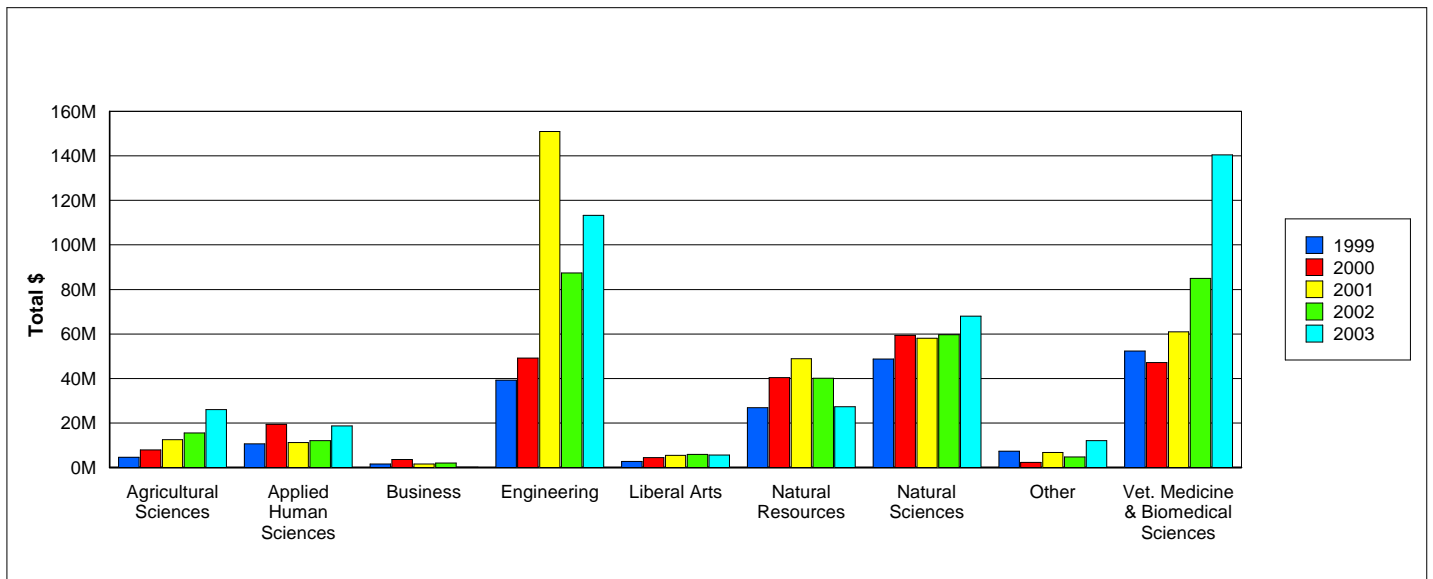
# **Proposals By College**

**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**  
**Quarter(s): 1, 2, 3**

**New and Competing Continuation Proposals Submitted by College (\$ and #)  
Fiscal Year to Date (July - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agricultural Sciences	\$4,698,412 29	\$7,963,775 40	\$12,595,361 55	\$15,488,799 58	\$26,113,896 100
Applied Human Sciences	\$10,673,327 37	\$19,393,814 52	\$11,221,274 47	\$12,058,161 32	\$18,752,541 37
Business	\$1,575,809 2	\$3,628,145 4	\$1,593,182 8	\$2,082,911 4	\$185,422 3
Engineering	\$39,246,741 126	\$49,131,469 153	\$150,977,464 170	\$87,343,215 170	\$113,228,806 180
Liberal Arts	\$2,776,515 12	\$4,471,689 19	\$5,455,421 25	\$5,862,589 17	\$5,673,041 22
Natural Resources	\$26,883,408 99	\$40,405,937 109	\$48,915,460 129	\$40,113,054 134	\$27,289,400 107
Natural Sciences	\$48,812,232 107	\$59,414,032 131	\$58,050,220 125	\$59,599,386 131	\$67,977,145 126
Other	\$7,328,004 10	\$2,322,384 15	\$6,784,907 18	\$4,825,457 23	\$12,110,494 36
Vet. Medicine & Biomedical Sciences	\$52,332,762 119	\$47,231,953 122	\$60,912,179 124	\$84,996,729 149	\$140,405,009 176
<b>Total</b>	<b>\$194,327,210</b> <b>541</b>	<b>\$233,963,198</b> <b>645</b>	<b>\$356,505,468</b> <b>701</b>	<b>\$312,370,301</b> <b>718</b>	<b>\$411,735,754</b> <b>787</b>



# **Proposals By Department**

## **Third Quarter (January - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 3**

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Third Quarter (January - March)**

**Agricultural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agricultural and Resource Economics (1172)	\$0 0	\$0 0	\$16,450 1	\$304,189 3	\$106,828 3
Animal Sciences (1171)	\$441,474 3	\$13,650 1	\$1,032,269 8	\$90,303 2	\$403,248 7
Bioagricultural Sciences and Pest Management (1177)	\$566,095 4	\$638,082 3	\$771,368 4	\$1,552,028 11	\$3,768,100 11
Horticulture and Landscape Architecture (1173)	\$178,920 3	\$189,552 2	\$290,364 1	\$2,148,772 3	\$813,979 2
Plant Path & Weed Science (1174)	\$0 0	\$0 0	\$0 0	\$0 0	\$32,886 1
Soil and Crop Sciences (1170)	\$1,346,019 3	\$758,190 5	\$878,288 3	\$6,325,918 5	\$4,061,605 5
<b>Total</b>	<b>\$2,532,508</b> <b>13</b>	<b>\$1,599,474</b> <b>11</b>	<b>\$2,988,739</b> <b>17</b>	<b>\$10,421,210</b> <b>24</b>	<b>\$9,186,646</b> <b>29</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Third Quarter (January - March)**

**Applied Human Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
College of Applied Human Sciences (1501)	\$2,612,742 1	\$0 0	\$722,564 4	\$0 0	\$5,159,878 2
Design & Merchandising (1574)	\$31,305 1	\$9,187 1	\$0 0	\$20,000 1	\$0 0
Food Science and Human Nutrition (1571)	\$137,932 3	\$1,122,572 5	\$300,705 3	\$724,469 2	\$0 0
Health and Exercise Science (1582)	\$1,036,899 1	\$19,890 1	\$8,847 1	\$103,460 1	\$0 0
Human Development and Family Studies (1570)	\$152,727 1	\$108,789 1	\$309,778 1	\$1,205,084 3	\$710,006 3
Manufacturing Technology and Construction Manageme (1584)	\$116,780 1	\$479,701 3	\$95,527 2	\$96,492 1	\$369,764 1
Occupational Therapy (1573)	\$19,998 1	\$1,984,499 3	\$0 0	\$0 0	\$963,966 2
School of Education (1588)	\$2,668,071 2	\$1,743,784 4	\$886,541 7	\$1,044,785 2	\$941,887 3
School of Social Work (1586)	\$163,704 3	\$0 0	\$961,624 3	\$31,551 1	\$38,327 2
<b>Total</b>	<b>\$6,940,158</b> <b>14</b>	<b>\$5,468,422</b> <b>18</b>	<b>\$3,285,586</b> <b>21</b>	<b>\$3,225,841</b> <b>11</b>	<b>\$8,183,828</b> <b>13</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\*  
Third Quarter (January - March)**

**Business**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
College of Business (1201)	\$0 0	\$0 0	\$595,885 1	\$0 0
Computer Information Systems (1277)	\$0 0	\$80,250 1	\$312,486 1	\$50,000 1
Finance and Real Estate (1272)	\$98,285 2	\$0 0	\$0 0	\$0 0
Marketing (1278)	\$0 0	\$696,933 1	\$0 0	\$35,432 1
<b><i>Total</i></b>	<b>\$98,285 2</b>	<b>\$777,183 2</b>	<b>\$908,371 2</b>	<b>\$85,432 2</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Third Quarter (January - March)**

**Engineering**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Atmospheric Science (1371)	\$194,883 5	\$5,904,501 10	\$9,241,834 10	\$10,291,277 23	\$3,901,643 16
Chemical Engineering (1370)	\$1,322,255 5	\$4,018,243 12	\$4,912,353 9	\$2,859,371 5	\$6,735,772 11
Civil Engineering (1372)	\$1,218,204 7	\$3,463,738 13	\$5,472,244 12	\$13,129,013 11	\$2,200,722 12
College of Engineering (1301)	\$0 0	\$0 0	\$4,700,000 1	\$0 0	\$34,370,552 2
Cooperative Institute for Research in the Atmosphere (1375)	\$641,143 2	\$627,097 5	\$1,612,020 11	\$739,732 8	\$11,684,002 6
Electrical and Computer Engineering (1373)	\$5,476,211 14	\$10,658,154 11	\$2,442,938 14	\$4,618,484 13	\$4,620,760 12
Mechanical Engineering (1374)	\$532,930 6	\$2,720,366 12	\$2,623,093 11	\$5,415,921 8	\$7,011,791 13
<b>Total</b>	<b>\$9,385,626</b> <b>39</b>	<b>\$27,392,099</b> <b>63</b>	<b>\$31,004,482</b> <b>68</b>	<b>\$37,053,798</b> <b>68</b>	<b>\$70,525,242</b> <b>72</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



**New and Competing Continuation Proposals Submitted by Department (\$ and #)\*  
Third Quarter (January - March)**

**Liberal Arts**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anthropology (1787)	\$0 0	\$0 0	\$0 0	\$0 0	\$10,000 1
Center for App Studies in American Ethnicity (1790)	\$0 0	\$0 0	\$0 0	\$0 0	\$230,261 1
Economics (1771)	\$0 0	\$0 0	\$0 0	\$84,000 1	\$0 0
English (1773)	\$27,406 1	\$624,357 2	\$247,238 3	\$64,301 2	\$26,231 1
Foreign Languages and Literatures (1774)	\$0 0	\$4,000 1	\$67,668 1	\$0 0	\$0 0
Journalism and Technical Communication (1785)	\$291,497 1	\$1,238,245 3	\$0 0	\$2,441,283 2	\$0 0
Music, Theatre and Dance (1778)	\$0 0	\$267,082 2	\$83,532 2	\$155,000 2	\$9,974 1
Political Science (1782)	\$0 0	\$0 0	\$23,700 2	\$85,931 1	\$5,967 1
Sociology (1784)	\$0 0	\$0 0	\$74,980 1	\$136,217 1	\$0 0
<b>Total</b>	<b>\$318,903 2</b>	<b>\$2,133,684 8</b>	<b>\$497,118 9</b>	<b>\$2,966,732 9</b>	<b>\$282,433 5</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\*  
Third Quarter (January - March)**

**Natural Resources**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
CEMML (1490)	\$0 0	\$0 0	\$0 0	\$4,224,220 16	\$2,100,794 7
College of Natural Resources (1401)	\$0 0	\$0 0	\$0 0	\$4,000 1	\$16,350 1
Cooperative Fishery and Wildlife Research (1484)	\$165,539 2	\$2,190,728 2	\$103,741 1	\$526,117 3	\$0 0
Fishery and Wildlife Biology (1474)	\$2,054,047 11	\$4,125,061 14	\$3,055,551 13	\$2,614,405 13	\$1,684,724 12
Forest Sciences (1470)	\$4,825,543 10	\$2,934,884 5	\$969,765 5	\$1,042,940 4	\$1,666,768 8
Geosciences (1482)	\$249,837 3	\$271,622 2	\$337,245 5	\$41,021 3	\$640,606 2
Natural Resource Ecology Laboratory (1499)	\$8,267,192 16	\$12,524,007 13	\$8,518,270 10	\$12,497,095 18	\$5,995,475 8
Natural Resource Recreation and Tourism (1480)	\$0 0	\$0 0	\$65,000 1	\$0 0	\$76,244 2
Rangeland Ecosystem Science (1478)	\$1,681,089 2	\$90,151 1	\$317,715 1	\$43,905 2	\$637,010 2
<b>Total</b>	<b>\$17,243,247</b> <b>44</b>	<b>\$22,136,453</b> <b>37</b>	<b>\$13,367,287</b> <b>36</b>	<b>\$20,993,703</b> <b>60</b>	<b>\$12,817,971</b> <b>42</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Third Quarter (January - March)**

**Natural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Biochemistry and Molecular Biology (1870)	\$1,215,395 4	\$6,321,330 12	\$2,702,095 7	\$11,128,325 10	\$2,711,815 5
Biology (1878)	\$8,055,930 7	\$1,882,725 7	\$6,797,177 13	\$5,084,036 9	\$5,295,851 8
Center for Science, Math and Technology Education (1802)	\$911,100 4	\$3,802,580 4	\$1,653,521 5	\$159,612 1	\$246,225 2
Chemistry (1872)	\$3,709,782 9	\$3,118,832 9	\$2,884,264 7	\$7,438,211 16	\$11,605,304 12
College of Natural Sciences (1801)	\$0 0	\$1,036,072 1	\$0 0	\$0 0	\$0 0
Computer Science (1873)	\$89,000 4	\$7,571,585 13	\$2,419,239 8	\$1,244,951 4	\$7,062,850 7
Mathematics (1874)	\$110,239 1	\$698,655 2	\$0 0	\$0 0	\$5,926,883 3
Physics (1875)	\$31,482 1	\$0 0	\$856,023 6	\$762,178 4	\$509,564 4
Psychology (1876)	\$763,526 3	\$789,476 1	\$1,442,694 4	\$71,503 2	\$2,422,132 6
Statistics (1877)	\$0 0	\$0 0	\$3,539,522 2	\$0 0	\$0 0
<b>Total</b>	<b>\$14,886,454</b> <b>33</b>	<b>\$25,221,255</b> <b>49</b>	<b>\$22,294,535</b> <b>52</b>	<b>\$25,888,816</b> <b>46</b>	<b>\$35,780,624</b> <b>47</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\*  
Third Quarter (January - March)**

**Other**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agricultural Experiment Station (3001)	\$0 0	\$159,120 1	\$0 0	\$0 0	\$0 0
Asian/Pacific American Student Services (8018)	\$0 0	\$0 0	\$0 0	\$3,000 1	\$2,500 1
Center For Ethnicity Studies (1030)	\$0 0	\$0 0	\$323,987 1	\$0 0	\$0 0
Center for Life Sciences (1031)	\$0 0	\$0 0	\$0 0	\$0 0	\$2,983,433 1
Colorado Water Resources Research Institute (2033)	\$0 0	\$12,388 1	\$85,281 2	\$383,439 4	\$384,721 5
Continuing Education - Administration (1040)	\$0 0	\$0 0	\$106,920 1	\$169,136 1	\$0 0
Cooperative Extension (4040)	\$150,000 2	\$719,346 3	\$1,132,467 3	\$1,485,406 8	\$15,000 1
Graduate School (2015)	\$0 0	\$0 0	\$0 0	\$0 0	\$400,000 1
International Programs (1024)	\$0 0	\$0 0	\$0 0	\$0 0	\$276,745 4
Library (1019)	\$0 0	\$0 0	\$0 0	\$7,000 1	\$41,240 1
San Luis Valley Research Center (3043)	\$0 0	\$0 0	\$160,000 1	\$0 0	\$0 0
Service Learning & Volunteer Program (8040)	\$0 0	\$439,428 1	\$0 0	\$0 0	\$686,158 2
Student Media (8038)	\$0 0	\$0 0	\$0 0	\$0 0	\$43,000 1
University Police (6023)	\$0 0	\$0 0	\$0 0	\$99,826 1	\$0 0
Western Colorado Research Center (3046)	\$0 0	\$0 0	\$0 0	\$0 0	\$70,000 1
<b>Total</b>	<b>\$150,000 2</b>	<b>\$1,330,282 6</b>	<b>\$1,808,655 8</b>	<b>\$2,147,807 16</b>	<b>\$4,902,797 18</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Third Quarter (January - March)**

**Vet. Medicine & Biomedical Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anatomy and Neurobiology (1670)	\$2,509,780 5	\$2,977,611 7	\$2,995,802 4	\$10,853,551 9	\$0 0
Biomedical Sciences (1680)	\$0 0	\$0 0	\$0 0	\$0 0	\$5,354,330 12
Clinical Sciences (1678)	\$527,863 12	\$1,330,276 20	\$1,172,780 12	\$2,500,011 22	\$5,185,302 26
College of Veterinary Medicine (1601)	\$1,000,000 1	\$2,000,000 1	\$0 0	\$0 0	\$0 0
Environmental and Radiological Health Sciences (1681)	\$0 0	\$0 0	\$0 0	\$0 0	\$8,953,901 21
Environmental Health (1676)	\$1,139,736 7	\$2,508,097 7	\$10,749,616 13	\$5,357,927 9	\$0 0
Microbiology (1677)	\$11,784,645 11	\$5,538,106 5	\$3,451,171 6	\$10,134,144 10	\$0 0
Microbiology, Immunology and Pathology (1682)	\$0 0	\$0 0	\$0 0	\$0 0	\$72,288,617 12
Pathology (1671)	\$2,340,567 5	\$2,021,474 5	\$1,963,640 5	\$10,347,887 9	\$0 0
Physiology (1672)	\$1,519,370 1	\$1,275,753 6	\$4,280,274 11	\$1,836,029 9	\$0 0
Radiological Health Sciences (1673)	\$3,438,806 6	\$4,498,379 6	\$6,442,976 11	\$5,588,863 7	\$0 0
<b>Total</b>	<b>\$24,260,767</b> <b>48</b>	<b>\$22,149,696</b> <b>57</b>	<b>\$31,056,259</b> <b>62</b>	<b>\$46,618,412</b> <b>75</b>	<b>\$91,782,150</b> <b>71</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

# **Proposals By Department**

**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 1, 2, 3**

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Agricultural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agricultural and Resource Economics (1172)	\$364,232 5	\$0 0	\$623,530 7	\$589,366 6	\$2,509,370 14
Animal Sciences (1171)	\$441,474 3	\$93,393 4	\$1,359,890 13	\$837,560 15	\$1,065,297 17
Bioagricultural Sciences and Pest Management (1177)	\$566,095 4	\$1,261,825 7	\$1,736,077 14	\$3,185,863 18	\$5,215,808 26
College of Agricultural Sciences (1101)	\$0 0	\$858,685 1	\$0 0	\$0 0	\$0 0
Horticulture and Landscape Architecture (1173)	\$1,184,876 9	\$1,351,854 6	\$2,775,783 8	\$4,299,604 9	\$11,001,932 24
Plant Path & Weed Science (1174)	\$0 0	\$0 0	\$0 0	\$0 0	\$32,886 1
Soil and Crop Sciences (1170)	\$2,141,735 8	\$4,398,018 22	\$6,100,081 13	\$6,576,406 10	\$6,288,603 18
<b>Total</b>	<b>\$4,698,412</b> <b>29</b>	<b>\$7,963,775</b> <b>40</b>	<b>\$12,595,361</b> <b>55</b>	<b>\$15,488,799</b> <b>58</b>	<b>\$26,113,896</b> <b>100</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Applied Human Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
College of Applied Human Sciences (1501)	\$2,612,742 1	\$0 0	\$770,064 5	\$448,816 1	\$5,698,802 5
Design & Merchandising (1574)	\$232,267 6	\$388,510 2	\$296,418 2	\$218,495 2	\$0 0
Food Science and Human Nutrition (1571)	\$1,278,811 6	\$3,114,659 17	\$904,664 10	\$2,897,089 3	\$7,337,520 7
Health and Exercise Science (1582)	\$1,128,750 4	\$1,732,500 6	\$364,847 4	\$147,889 2	\$293,658 4
Human Development and Family Studies (1570)	\$527,769 4	\$294,067 3	\$311,778 2	\$2,251,800 8	\$749,051 4
Manufacturing Technology and Construction Manageme (1584)	\$251,412 3	\$724,427 8	\$120,527 3	\$470,129 2	\$1,092,986 4
Occupational Therapy (1573)	\$905,007 3	\$5,301,535 8	\$4,321,742 6	\$1,326,467 3	\$2,555,297 5
School of Education (1588)	\$3,459,643 5	\$3,111,305 6	\$2,859,610 10	\$4,070,959 7	\$972,598 4
School of Social Work (1586)	\$276,926 5	\$4,726,811 2	\$1,271,624 5	\$226,517 4	\$52,629 4
<b>Total</b>	<b>\$10,673,327</b> <b>37</b>	<b>\$19,393,814</b> <b>52</b>	<b>\$11,221,274</b> <b>47</b>	<b>\$12,058,161</b> <b>32</b>	<b>\$18,752,541</b> <b>37</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Business**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Accounting (1271)	\$0 0	\$0 0	\$17,912 1	\$0 0	\$0 0
Business College (1270)	\$0 0	\$0 0	\$18,756 1	\$0 0	\$0 0
College of Business (1201)	\$0 0	\$0 0	\$616,385 1	\$595,885 1	\$0 0
Computer Information Systems (1277)	\$810,000 1	\$975,000 1	\$200,755 3	\$754,553 2	\$50,000 1
Finance and Real Estate (1272)	\$0 0	\$98,285 2	\$0 0	\$0 0	\$0 0
Institute for Transportation Management (1276)	\$0 0	\$0 0	\$42,441 1	\$0 0	\$0 0
Management (1275)	\$765,809 1	\$0 0	\$0 0	\$0 0	\$0 0
Marketing (1278)	\$0 0	\$2,554,860 1	\$696,933 1	\$732,473 1	\$135,422 2
<b>Total</b>	<b>\$1,575,809</b> <b>2</b>	<b>\$3,628,145</b> <b>4</b>	<b>\$1,593,182</b> <b>8</b>	<b>\$2,082,911</b> <b>4</b>	<b>\$185,422</b> <b>3</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Engineering**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Atmospheric Science (1371)	\$5,627,340 20	\$14,180,139 32	\$21,126,481 33	\$16,740,064 37	\$17,084,471 41
Chemical Engineering (1370)	\$3,150,984 13	\$6,743,248 20	\$9,298,417 20	\$7,858,651 19	\$9,107,652 17
Civil Engineering (1372)	\$12,071,946 25	\$7,387,298 33	\$13,813,350 35	\$17,750,355 26	\$9,722,617 38
College of Engineering (1301)	\$2,530,000 2	\$0 0	\$5,298,210 2	\$0 0	\$34,370,552 2
Cooperative Institute for Research in the Atmosphere (1375)	\$2,871,797 12	\$4,043,778 24	\$69,456,258 29	\$9,646,145 26	\$15,110,519 18
Electrical and Computer Engineering (1373)	\$10,717,860 33	\$12,632,431 25	\$24,516,594 28	\$11,322,663 35	\$16,952,707 37
Mechanical Engineering (1374)	\$2,276,814 21	\$4,144,575 19	\$7,468,154 23	\$24,025,337 27	\$10,880,288 27
<b>Total</b>	<b>\$39,246,741</b> <b>126</b>	<b>\$49,131,469</b> <b>153</b>	<b>\$150,977,464</b> <b>170</b>	<b>\$87,343,215</b> <b>170</b>	<b>\$113,228,806</b> <b>180</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Liberal Arts**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anthropology (1787)	\$205,021 2	\$495,823 2	\$604,346 3	\$696,693 3	\$608,041 6
Art (1770)	\$4,000 1	\$0 0	\$2,500 1	\$0 0	\$4,000 1
Center for App Studies in American Ethnicity (1790)	\$0 0	\$0 0	\$0 0	\$0 0	\$240,089 2
College of Liberal Arts (1701)	\$295,050 1	\$0 0	\$0 0	\$0 0	\$0 0
Economics (1771)	\$165,168 1	\$85,635 2	\$0 0	\$84,000 1	\$0 0
English (1773)	\$27,406 1	\$2,092,473 4	\$826,938 5	\$64,301 2	\$51,231 2
Foreign Languages and Literatures (1774)	\$0 0	\$4,000 1	\$196,191 3	\$0 0	\$35,603 1
History (1776)	\$0 0	\$4,000 1	\$0 0	\$0 0	\$30,000 1
Journalism and Technical Communication (1785)	\$1,502,296 2	\$1,238,245 3	\$2,754,765 3	\$4,083,591 3	\$2,271,659 1
Music, Theatre and Dance (1778)	\$78,224 2	\$456,513 4	\$569,043 4	\$711,856 6	\$52,214 2
Philosophy (1781)	\$0 0	\$20,000 1	\$0 0	\$0 0	\$0 0
Political Science (1782)	\$8,000 1	\$0 0	\$23,700 2	\$85,931 1	\$403,032 2
Sociology (1784)	\$0 0	\$75,000 1	\$477,938 4	\$136,217 1	\$1,977,172 4
Speech Communication (1783)	\$491,350 1	\$0 0	\$0 0	\$0 0	\$0 0
<b>Total</b>	<b>\$2,776,515</b> <b>12</b>	<b>\$4,471,689</b> <b>19</b>	<b>\$5,455,421</b> <b>25</b>	<b>\$5,862,589</b> <b>17</b>	<b>\$5,673,041</b> <b>22</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Natural Resources**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
CEMML (1490)	\$0 0	\$0 0	\$0 0	\$9,393,269 21	\$2,294,820 10
College of Natural Resources (1401)	\$0 0	\$0 0	\$0 0	\$4,000 1	\$16,350 1
Cooperative Fishery and Wildlife Research (1484)	\$165,539 2	\$2,190,728 2	\$1,524,009 2	\$861,499 5	\$611,244 2
Fishery and Wildlife Biology (1474)	\$3,787,447 23	\$6,405,870 33	\$10,907,417 50	\$5,469,259 50	\$3,938,600 33
Forest Sciences (1470)	\$8,377,519 27	\$6,249,474 23	\$9,842,901 19	\$1,994,807 8	\$4,127,229 21
Geosciences (1482)	\$1,304,097 12	\$1,110,985 7	\$1,249,418 11	\$1,298,174 10	\$1,403,415 7
Natural Resource Ecology Laboratory (1499)	\$11,115,744 29	\$23,478,051 38	\$24,024,505 38	\$20,406,639 35	\$13,546,621 25
Natural Resource Recreation and Tourism (1480)	\$22,999 2	\$126,700 2	\$440,000 4	\$641,502 2	\$124,226 4
Rangeland Ecosystem Science (1478)	\$2,110,063 4	\$844,129 4	\$927,210 5	\$43,905 2	\$1,226,895 4
<b>Total</b>	<b>\$26,883,408</b> <b>99</b>	<b>\$40,405,937</b> <b>109</b>	<b>\$48,915,460</b> <b>129</b>	<b>\$40,113,054</b> <b>134</b>	<b>\$27,289,400</b> <b>107</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Natural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Biochemistry and Molecular Biology (1870)	\$3,317,806 9	\$13,883,089 29	\$4,431,658 11	\$13,572,212 19	\$3,266,832 10
Biology (1878)	\$14,116,454 23	\$5,598,880 20	\$15,161,020 34	\$9,775,660 19	\$11,805,265 24
Center for Science, Math and Technology Education (1802)	\$2,222,123 7	\$3,802,580 4	\$3,148,005 6	\$159,612 1	\$1,093,839 3
Chemistry (1872)	\$14,383,079 33	\$9,025,336 30	\$10,161,933 22	\$21,283,137 44	\$24,609,881 41
College of Natural Sciences (1801)	\$88,126 2	\$1,344,178 3	\$105,600 1	\$0 0	\$0 0
Computer Science (1873)	\$4,994,019 17	\$11,232,401 25	\$5,233,119 13	\$6,261,385 15	\$13,265,174 22
Mathematics (1874)	\$272,857 2	\$2,312,811 5	\$833,126 7	\$1,154,557 6	\$6,097,738 5
Physics (1875)	\$1,164,048 5	\$3,678,544 5	\$4,552,919 12	\$3,292,089 12	\$1,372,849 6
Psychology (1876)	\$7,969,688 5	\$8,013,223 7	\$9,989,078 12	\$2,051,214 7	\$6,287,313 14
Statistics (1877)	\$284,032 4	\$522,990 3	\$4,433,762 7	\$2,049,520 8	\$178,254 1
<b>Total</b>	<b>\$48,812,232</b> <b>107</b>	<b>\$59,414,032</b> <b>131</b>	<b>\$58,050,220</b> <b>125</b>	<b>\$59,599,386</b> <b>131</b>	<b>\$67,977,145</b> <b>126</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***  
**Fiscal Year to Date (July - March)**

**Other**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Academic Advancement Center (8100)	\$0 0	\$0 0	\$1,457,030 1	\$0 0	\$0 0
Agricultural Experiment Station (3001)	\$0 0	\$159,120 1	\$0 0	\$0 0	\$5,000 1
Asian/Pacific American Student Services (8018)	\$0 0	\$0 0	\$0 0	\$3,000 1	\$2,500 1
Center for Educ Access and Outreach (8005)	\$2,268,685 1	\$0 0	\$0 0	\$0 0	\$2,643,396 1
Center For Ethnicity Studies (1030)	\$0 0	\$0 0	\$323,987 1	\$0 0	\$0 0
Center for Life Sciences (1031)	\$0 0	\$0 0	\$0 0	\$2,194,861 1	\$4,406,690 2
Colorado Water Resources Research Institute (2033)	\$0 0	\$12,388 1	\$85,281 2	\$503,439 5	\$384,721 5
Continuing Education - Administration (1040)	\$0 0	\$0 0	\$106,920 1	\$169,136 1	\$0 0
Cooperative Extension (4040)	\$1,762,168 6	\$1,417,291 6	\$4,259,742 10	\$1,505,206 10	\$606,373 8
Facilities Management (6030)	\$88,920 1	\$0 0	\$0 0	\$0 0	\$0 0
Graduate School (2015)	\$0 0	\$0 0	\$220,000 1	\$0 0	\$2,293,326 2
International Programs (1024)	\$358,371 1	\$146,301 3	\$0 0	\$0 0	\$665,973 7
Library (1019)	\$2,849,860 1	\$4,991 1	\$0 0	\$7,000 1	\$41,240 1
Native American Student Services (8013)	\$0 0	\$142,865 2	\$0 0	\$0 0	\$0 0
San Luis Valley Research Center (3043)	\$0 0	\$0 0	\$160,000 1	\$5,000 1	\$0 0
Service Learning & Volunteer Program (8040)	\$0 0	\$439,428 1	\$0 0	\$0 0	\$686,158 2
Student Media (8038)	\$0 0	\$0 0	\$0 0	\$0 0	\$43,000 1
University Health Services (8031)	\$0 0	\$0 0	\$171,947 1	\$0 0	\$119,929 1
University Police (6023)	\$0 0	\$0 0	\$0 0	\$167,815 2	\$134,188 2
Vice President for Research and Information Techno (2001)	\$0 0	\$0 0	\$0 0	\$270,000 1	\$0 0
Western Colorado Research Center (3046)	\$0 0	\$0 0	\$0 0	\$0 0	\$78,000 2

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***  
**Fiscal Year to Date (July - March)**

**Other**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b><i>Total</i></b>	<b>\$7,328,004</b> <b>10</b>	<b>\$2,322,384</b> <b>15</b>	<b>\$6,784,907</b> <b>18</b>	<b>\$4,825,457</b> <b>23</b>	<b>\$12,110,494</b> <b>36</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**New and Competing Continuation Proposals Submitted by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Vet. Medicine & Biomedical Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anatomy and Neurobiology (1670)	\$5,078,610 14	\$8,603,736 17	\$6,523,697 10	\$13,951,701 11	\$0 0
Biomedical Sciences (1680)	\$0 0	\$0 0	\$0 0	\$0 0	\$13,072,586 36
Clinical Sciences (1678)	\$2,790,795 30	\$2,019,035 32	\$2,813,531 27	\$5,621,799 42	\$12,105,889 56
College of Veterinary Medicine (1601)	\$1,000,000 1	\$2,030,000 2	\$30,000 1	\$40,020 1	\$0 0
Environmental and Radiological Health Sciences (1681)	\$0 0	\$0 0	\$0 0	\$0 0	\$28,362,292 46
Environmental Health (1676)	\$3,166,355 15	\$7,097,236 19	\$18,394,977 23	\$10,222,538 23	\$0 0
Microbiology (1677)	\$27,009,133 26	\$7,218,247 12	\$5,728,084 17	\$23,719,986 22	\$0 0
Microbiology, Immunology and Pathology (1682)	\$0 0	\$0 0	\$0 0	\$0 0	\$86,794,924 37
Pathology (1671)	\$4,685,225 14	\$7,929,373 15	\$7,615,008 9	\$16,138,443 17	\$0 0
Physiology (1672)	\$4,155,992 10	\$5,631,915 14	\$11,672,555 22	\$3,821,732 16	\$0 0
Radiological Health Sciences (1673)	\$4,446,652 9	\$6,702,411 11	\$8,134,327 15	\$11,480,510 17	\$0 0
Veterinary Teaching Hospital (1620)	\$0 0	\$0 0	\$0 0	\$0 0	\$69,318 1
<b>Total</b>	<b>\$52,332,762</b> <b>119</b>	<b>\$47,231,953</b> <b>122</b>	<b>\$60,912,179</b> <b>124</b>	<b>\$84,996,729</b> <b>149</b>	<b>\$140,405,009</b> <b>176</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



# **Research Proposals Submitted and Research Awards Received**

## **Section II**

**Awards by Fund Source**  
**Awards by College**  
**Awards by Department**

# **Awards By Fund Source**

**Third Quarter (January - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 3**

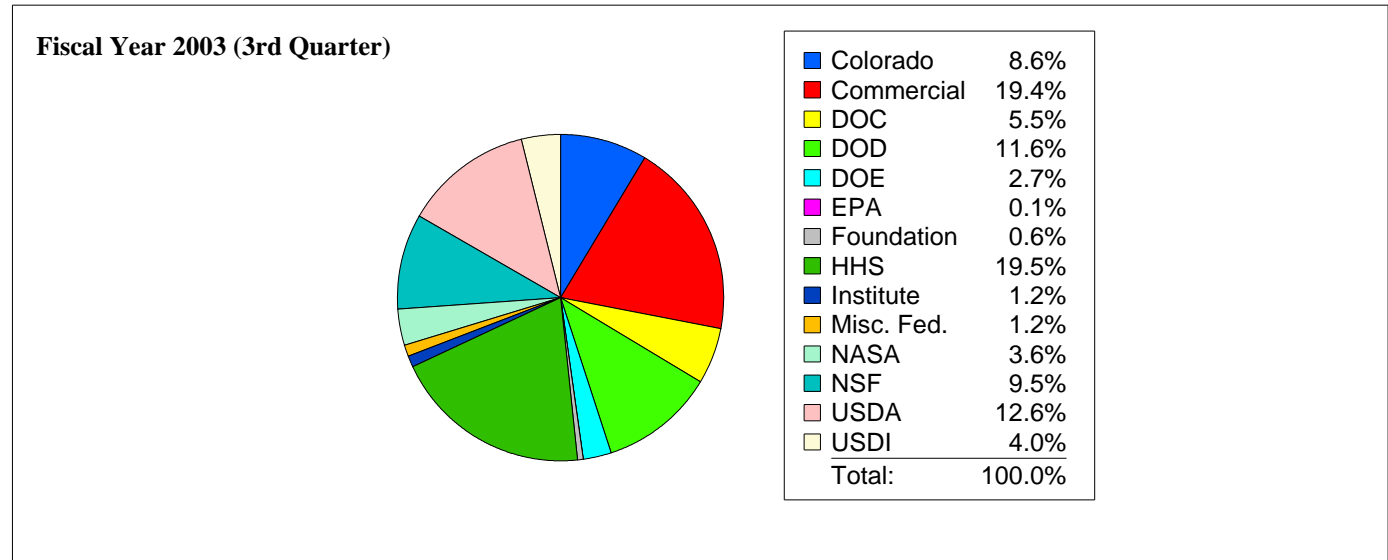
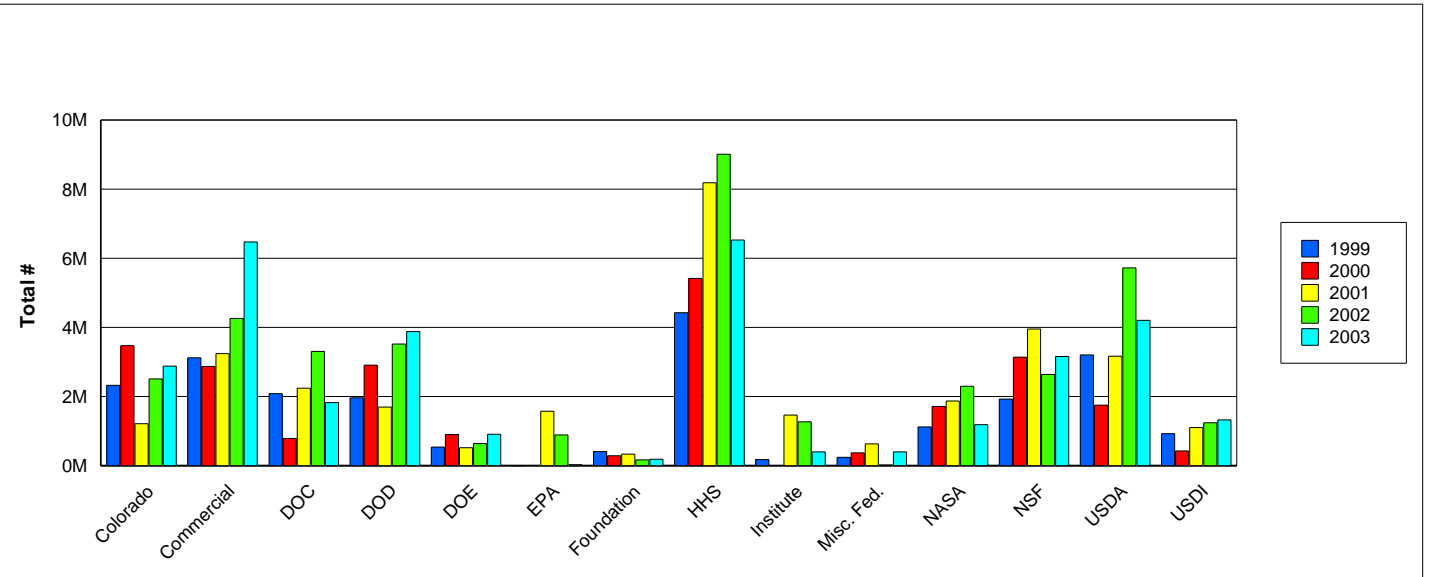
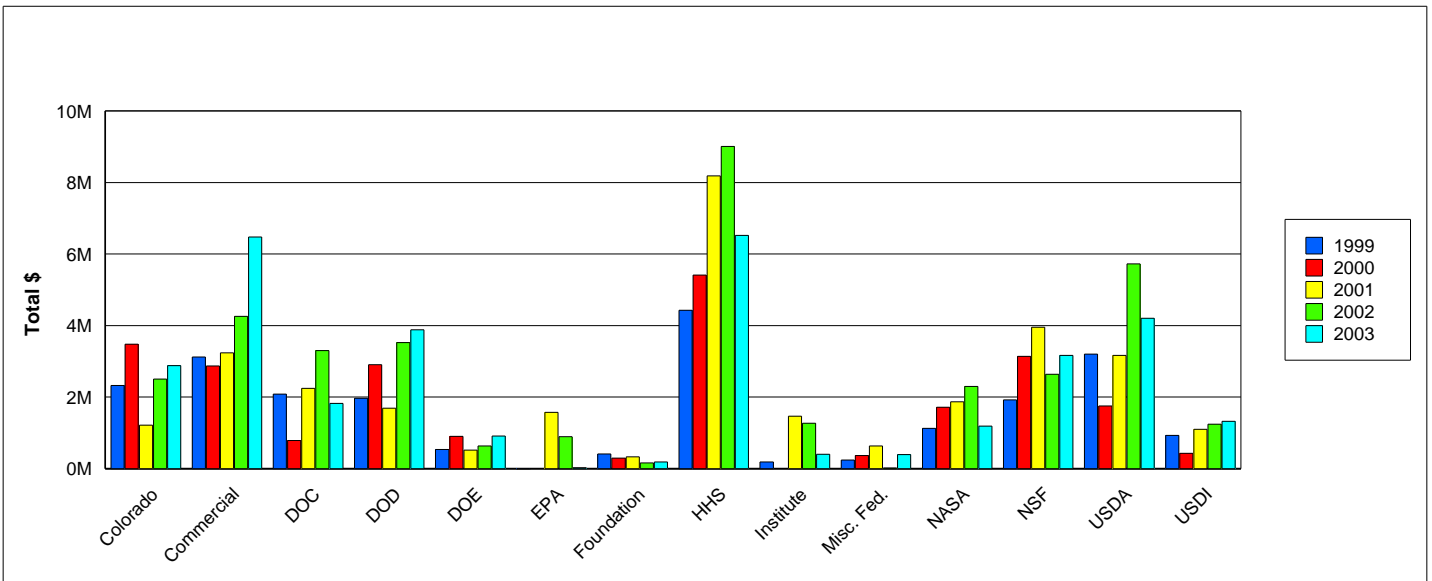
**Awards Received by Fund Source (\$ and #)**

**Third Quarter (January - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Federal	\$16,442,695 162	\$17,416,363 180	\$24,945,451 216	\$29,296,189 202	\$23,442,634 192
Non Federal	\$6,034,222 139	\$6,638,767 133	\$6,250,965 133	\$8,200,957 125	\$9,946,865 94
<b>Total</b>	<b>\$22,476,917</b> <b>301</b>	<b>\$24,055,130</b> <b>313</b>	<b>\$31,196,416</b> <b>349</b>	<b>\$37,497,146</b> <b>327</b>	<b>\$33,389,499</b> <b>286</b>

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Colorado	\$2,322,530 26	\$3,477,483 40	\$1,214,276 34	\$2,508,225 19	\$2,878,681 16
Commercial	\$3,118,727 88	\$2,868,412 81	\$3,238,187 76	\$4,260,995 92	\$6,476,256 69
DOC	\$2,088,146 5	\$789,555 6	\$2,243,339 7	\$3,302,539 8	\$1,826,249 8
DOD	\$1,965,405 21	\$2,906,820 21	\$1,694,104 26	\$3,522,424 30	\$3,880,546 33
DOE	\$537,600 3	\$903,028 6	\$519,330 3	\$635,815 4	\$909,409 5
EPA	\$658 1	\$0 0	\$1,573,794 3	\$890,410 1	\$25,000 1
Foundation	\$410,963 17	\$292,872 12	\$331,122 11	\$164,090 6	\$188,004 6
HHS	\$4,425,435 34	\$5,416,177 32	\$8,184,195 46	\$9,012,109 42	\$6,526,637 36
Institute	\$182,002 8	\$0 0	\$1,467,380 12	\$1,267,647 8	\$403,924 3
Misc. Fed.	\$244,652 2	\$368,305 7	\$632,300 3	\$19,580 4	\$396,704 1
NASA	\$1,122,459 10	\$1,714,817 29	\$1,867,674 21	\$2,301,218 24	\$1,188,279 14
NSF	\$1,926,413 22	\$3,136,973 21	\$3,958,369 40	\$2,640,544 28	\$3,163,310 28
USDA	\$3,203,674 40	\$1,749,631 42	\$3,170,672 36	\$5,725,201 33	\$4,201,701 50
USDI	\$928,253 24	\$431,057 16	\$1,101,674 31	\$1,246,349 28	\$1,324,799 16
<b>Total</b>	<b>\$22,476,917</b> <b>301</b>	<b>\$24,055,130</b> <b>313</b>	<b>\$31,196,416</b> <b>349</b>	<b>\$37,497,146</b> <b>327</b>	<b>\$33,389,499</b> <b>286</b>

## Awards Received by Fund Source (\$ and #) Third Quarter (January - March)



# **Awards By Fund Source**

**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 1, 2, 3**

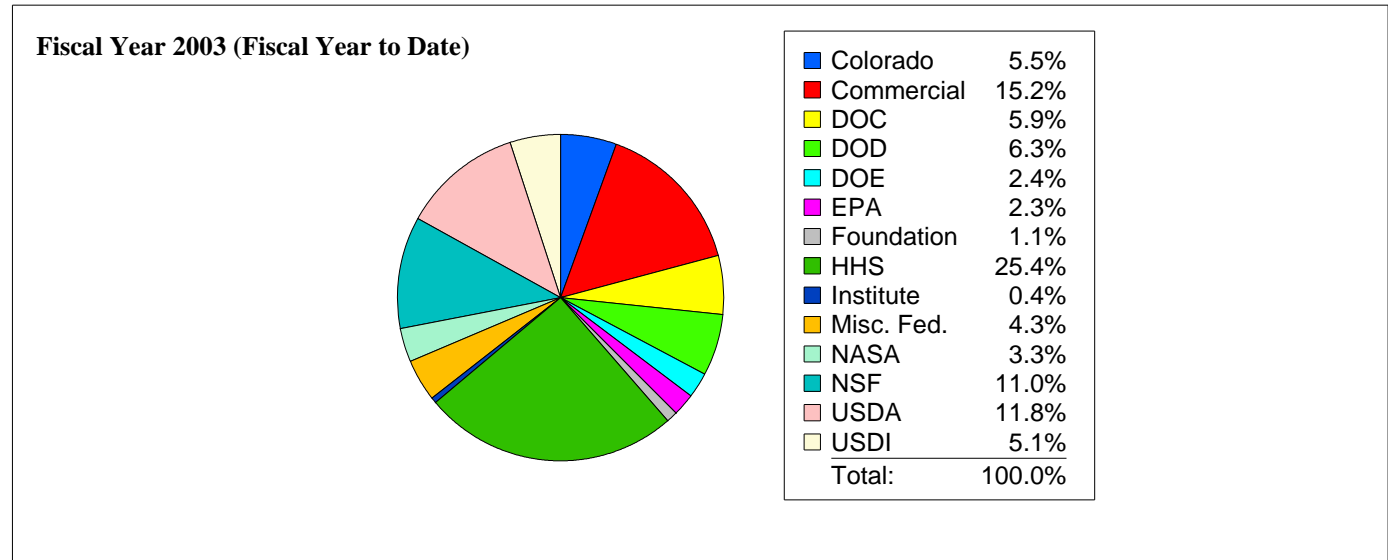
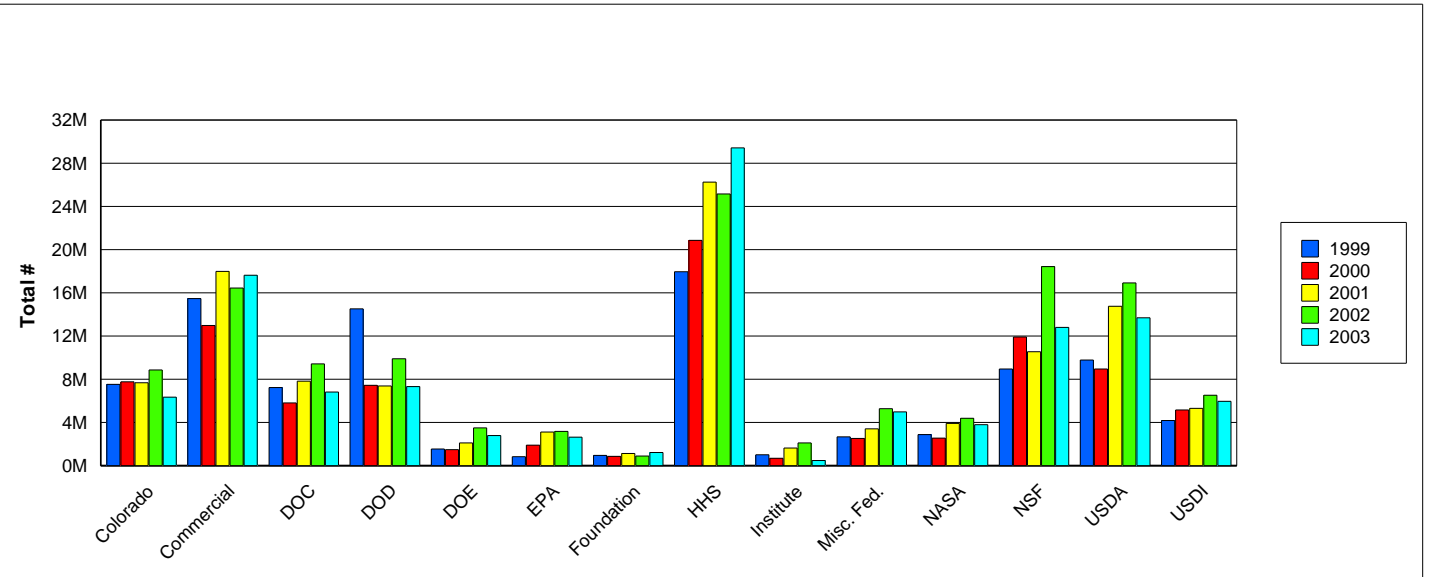
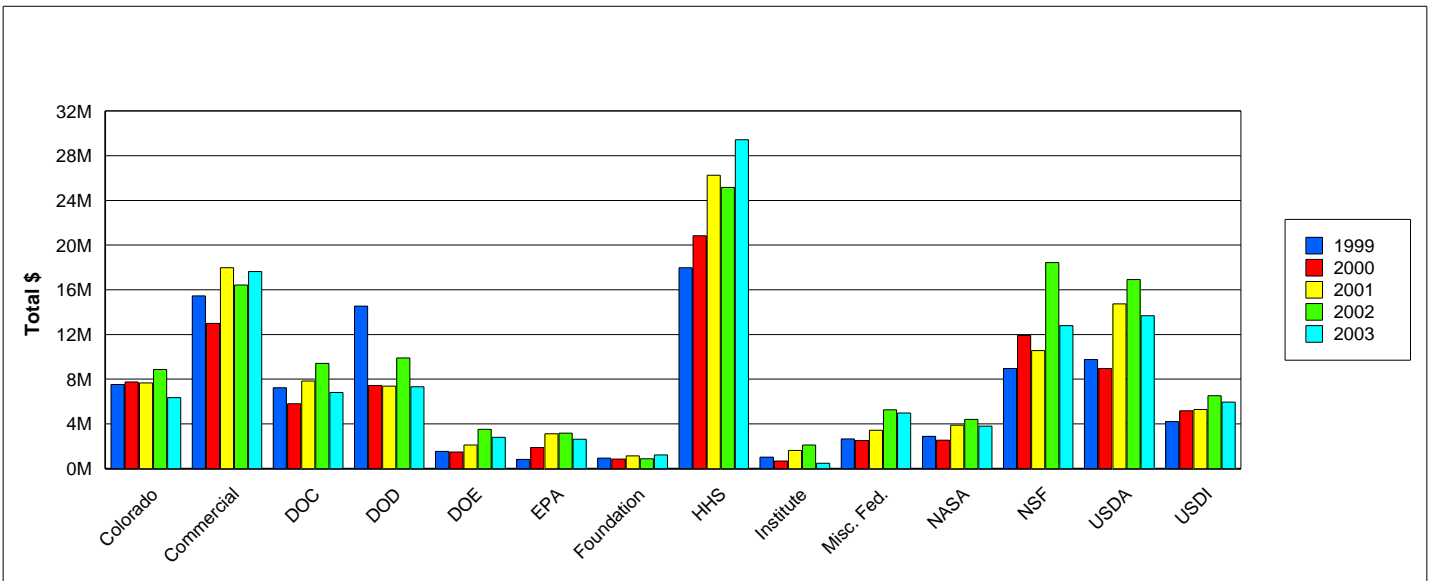
**Awards Received by Fund Source (\$ and #)**

**Fiscal Year to Date (July - March)**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Federal	\$70,575,763 688	\$68,574,413 648	\$84,655,784 746	\$102,736,132 741	\$90,236,665 694
Non Federal	\$24,956,765 545	\$22,312,142 458	\$28,418,107 501	\$28,321,503 464	\$25,694,328 374
<b>Total</b>	<b>\$95,532,528</b> <b>1,233</b>	<b>\$90,886,555</b> <b>1,106</b>	<b>\$113,073,891</b> <b>1,247</b>	<b>\$131,057,635</b> <b>1,205</b>	<b>\$115,930,993</b> <b>1,068</b>

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Colorado	\$7,526,342 103	\$7,761,858 109	\$7,667,029 106	\$8,877,920 96	\$6,348,719 65
Commercial	\$15,465,713 385	\$12,994,353 309	\$17,982,071 344	\$16,441,866 324	\$17,646,514 279
DOC	\$7,237,455 31	\$5,806,494 25	\$7,836,614 31	\$9,427,380 36	\$6,817,586 35
DOD	\$14,531,975 122	\$7,430,450 100	\$7,392,814 106	\$9,892,719 90	\$7,312,998 77
DOE	\$1,530,587 18	\$1,480,385 12	\$2,122,047 16	\$3,512,623 21	\$2,802,738 21
EPA	\$829,720 8	\$1,888,084 7	\$3,115,281 12	\$3,186,027 13	\$2,636,732 22
Foundation	\$940,330 41	\$863,331 32	\$1,139,518 37	\$883,666 27	\$1,219,591 25
HHS	\$17,971,441 118	\$20,852,371 133	\$26,267,924 149	\$25,165,972 125	\$29,439,185 133
Institute	\$1,024,380 16	\$692,600 8	\$1,629,489 14	\$2,118,051 17	\$479,504 5
Misc. Fed.	\$2,666,114 19	\$2,523,543 17	\$3,419,173 19	\$5,263,801 31	\$4,989,668 26
NASA	\$2,892,519 34	\$2,549,887 44	\$3,904,082 45	\$4,402,304 52	\$3,799,002 39
NSF	\$8,954,369 73	\$11,914,523 69	\$10,554,436 92	\$18,439,078 92	\$12,794,418 78
USDA	\$9,770,199 166	\$8,957,563 145	\$14,749,829 178	\$16,924,111 178	\$13,692,105 179
USDI	\$4,191,384 99	\$5,171,113 96	\$5,293,584 98	\$6,522,117 103	\$5,952,233 84
<b>Total</b>	<b>\$95,532,528</b> <b>1,233</b>	<b>\$90,886,555</b> <b>1,106</b>	<b>\$113,073,891</b> <b>1,247</b>	<b>\$131,057,635</b> <b>1,205</b>	<b>\$115,930,993</b> <b>1,068</b>

## Awards Received by Fund Source (\$ and #) Fiscal Year to Date (July - March)



# **Awards By College**

## **Third Quarter (January - March)**

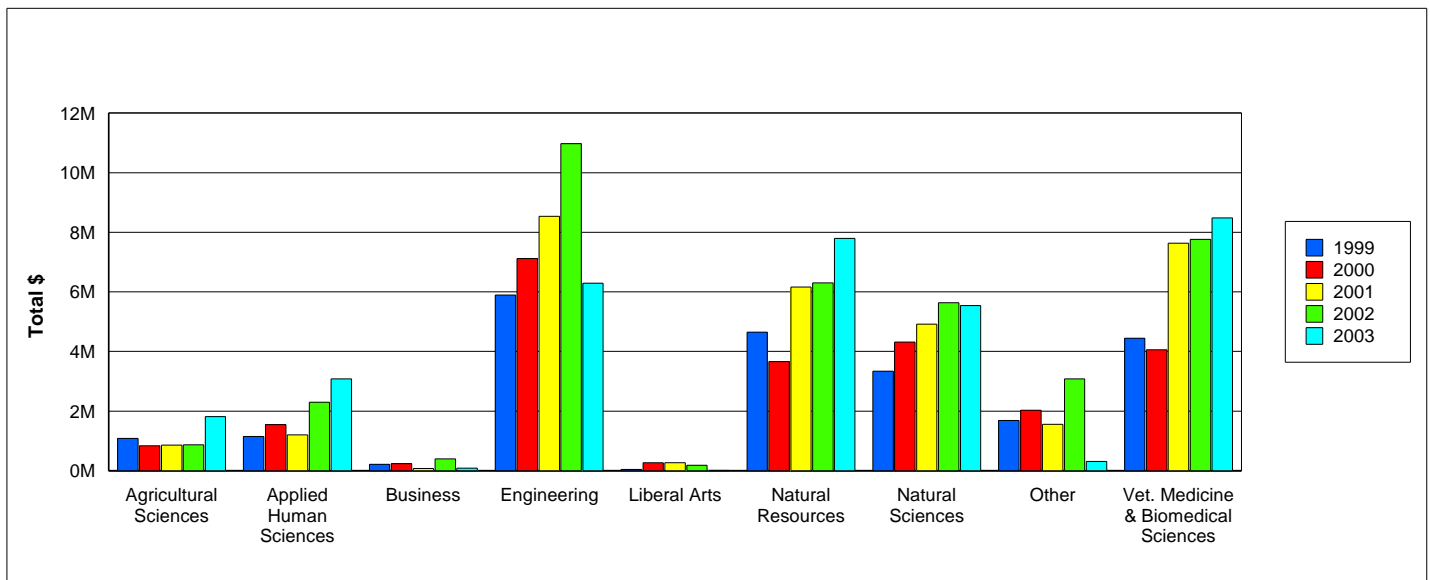
**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 3**



**Awards Received by College (\$ and #)\***  
**Third Quarter (January - March)**

	1999	2000	2001	2002	2003
Agricultural Sciences	\$1,084,873 27	\$839,305 23	\$861,274 20	\$864,474 20	\$1,813,083 27
Applied Human Sciences	\$1,147,059 15	\$1,544,913 18	\$1,201,877 9	\$2,292,201 14	\$3,077,897 13
Business	\$208,200 2	\$232,000 2	\$68,500 2	\$399,954 2	\$81,874 1
Engineering	\$5,890,247 58	\$7,121,197 72	\$8,530,822 69	\$10,977,289 75	\$6,293,392 51
Liberal Arts	\$42,165 3	\$268,508 10	\$264,186 3	\$177,938 5	\$4,564 2
Natural Resources	\$4,645,654 88	\$3,657,496 78	\$6,162,478 97	\$6,304,674 81	\$7,797,838 95
Natural Sciences	\$3,334,042 39	\$4,312,706 35	\$4,918,745 56	\$5,641,770 55	\$5,537,751 44
Other	\$1,683,811 15	\$2,023,161 21	\$1,551,121 29	\$3,078,941 18	\$304,647 12
Vet. Medicine & Biomedical Sciences	\$4,440,866 54	\$4,055,844 54	\$7,637,413 64	\$7,759,905 57	\$8,478,453 41
<b>Total</b>	<b>\$22,476,917</b> <b>301</b>	<b>\$24,055,130</b> <b>313</b>	<b>\$31,196,416</b> <b>349</b>	<b>\$37,497,146</b> <b>327</b>	<b>\$33,389,499</b> <b>286</b>



# **Awards By College**

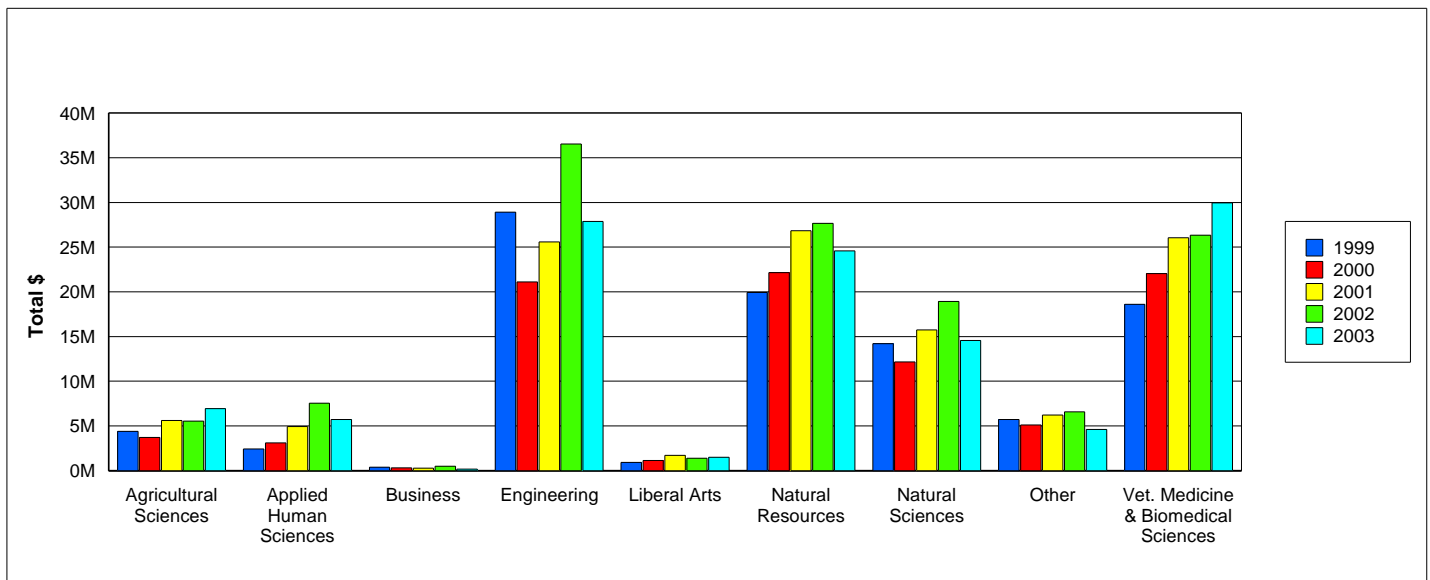
**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 1, 2, 3**

**Awards Received by College (\$ and #)\***  
**Fiscal Year to Date (July - March)**

	1999	2000	2001	2002	2003
Agricultural Sciences	\$4,410,036 129	\$3,699,900 97	\$5,616,299 99	\$5,546,703 91	\$6,932,001 114
Applied Human Sciences	\$2,416,441 42	\$3,118,519 41	\$4,950,216 36	\$7,562,400 56	\$5,734,132 40
Business	\$383,956 8	\$304,678 4	\$277,381 6	\$506,841 5	\$185,885 2
Engineering	\$28,931,218 251	\$21,125,670 216	\$25,604,835 237	\$36,559,411 261	\$27,866,439 210
Liberal Arts	\$933,834 11	\$1,146,894 20	\$1,729,447 22	\$1,376,112 15	\$1,500,392 13
Natural Resources	\$19,947,144 369	\$22,164,209 341	\$26,844,790 390	\$27,656,606 354	\$24,578,211 326
Natural Sciences	\$14,188,767 152	\$12,170,600 118	\$15,748,516 155	\$18,916,646 148	\$14,575,182 127
Other	\$5,716,689 76	\$5,096,255 60	\$6,232,435 76	\$6,582,178 85	\$4,599,443 71
Vet. Medicine & Biomedical Sciences	\$18,604,443 195	\$22,059,830 209	\$26,069,972 226	\$26,350,738 190	\$29,959,308 165
<b>Total</b>	<b>\$95,532,528</b> <b>1,233</b>	<b>\$90,886,555</b> <b>1,106</b>	<b>\$113,073,891</b> <b>1,247</b>	<b>\$131,057,635</b> <b>1,205</b>	<b>\$115,930,993</b> <b>1,068</b>



# **Awards By Department**

## **Third Quarter (January - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 3**

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Agricultural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agric & Resource Economics (1172)	\$167,005 1	\$34,899 3	\$52,071 2	\$16,967 1	\$9,336 1
Animal Sciences (1171)	\$154,300 4	\$98,895 3	\$112,671 7	\$236,354 5	\$193,259 6
Arkansas Valley Research Ctr (1140)	\$4,500 1	\$0 0	\$0 0	\$0 0	\$0 0
Bioagricultural Sci & Pest Mgmt (1177)	\$716,201 14	\$455,279 7	\$510,868 4	\$420,274 5	\$137,411 8
Dean Of Agricultural Sciences (1101)	\$0 0	\$0 0	\$1,575 1	\$0 0	\$0 0
Horticulture & Landscape Arch (1173)	\$18,567 3	\$13,000 2	\$60,007 2	\$115,000 1	\$329,577 3
San Luis Valley Research Ctr (1143)	\$300 1	\$11,632 1	\$0 0	\$0 0	\$0 0
Soil & Crop Sciences (1170)	\$24,000 3	\$225,600 7	\$124,082 4	\$75,879 8	\$1,143,500 9
<b>Total</b>	<b>\$1,084,873</b> <b>27</b>	<b>\$839,305</b> <b>23</b>	<b>\$861,274</b> <b>20</b>	<b>\$864,474</b> <b>20</b>	<b>\$1,813,083</b> <b>27</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Applied Human Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Dean Of Applied Human Sciences (1501)	\$159,353 2	\$0 0	\$17,773 2	\$36,635 1	\$432,714 2
Dept Of Health & Exercise Sci (1582)	\$102,114 1	\$360,448 2	\$276,561 1	\$284,857 1	\$35,798 1
Design And Merchandising (1574)	\$0 0	\$31,305 1	\$0 0	\$0 0	\$0 0
Food Science & Human Nutrition (1571)	\$486,819 3	\$769,789 7	\$32,327 2	\$1,817,001 5	\$2,425,125 6
Human Dev & Family Studies (1570)	\$0 0	\$0 0	\$0 0	\$14,000 2	\$69,233 1
Mfg Tech & Constr Mgmt (1584)	\$0 0	\$87,943 3	\$739,593 2	\$2,670 1	\$90,027 2
Occupational Therapy (1573)	\$269,125 4	\$270,040 3	\$0 0	\$50,000 1	\$25,000 1
School Of Education (1588)	\$45,000 2	\$8,000 1	\$6,001 1	\$300 1	\$0 0
Social Work (1586)	\$84,648 3	\$17,388 1	\$129,622 1	\$86,738 2	\$0 0
<b>Total</b>	<b>\$1,147,059</b> <b>15</b>	<b>\$1,544,913</b> <b>18</b>	<b>\$1,201,877</b> <b>9</b>	<b>\$2,292,201</b> <b>14</b>	<b>\$3,077,897</b> <b>13</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Business**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Computer Information Systems (1277)	\$0 0	\$0 0	\$68,500 2	\$399,954 2	\$81,874 1
Inst For Transportation Mgt (1276)	\$200,000 1	\$232,000 2	\$0 0	\$0 0	\$0 0
Marketing (1278)	\$8,200 1	\$0 0	\$0 0	\$0 0	\$0 0
<b><i>Total</i></b>	<b>\$208,200 2</b>	<b>\$232,000 2</b>	<b>\$68,500 2</b>	<b>\$399,954 2</b>	<b>\$81,874 1</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Engineering**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Atmospheric Science (1371)	\$2,342,489 21	\$3,477,773 31	\$2,640,523 26	\$3,481,518 27	\$1,765,932 20
Chemical Engineering (1370)	\$42,499 2	\$475,489 6	\$258,904 7	\$327,000 2	\$165,665 3
Cira (1375)	\$2,052,328 4	\$847,242 9	\$2,588,264 11	\$3,377,306 9	\$1,826,249 8
Civil Engineering (1372)	\$139,194 13	\$1,227,197 11	\$1,592,098 9	\$1,286,823 9	\$2,005,365 12
Elec. & Computer Engineering (1373)	\$312,404 5	\$993,430 12	\$312,647 7	\$496,825 8	\$446,181 4
Mechanical Engineering (1374)	\$1,001,333 13	\$100,066 3	\$1,138,386 9	\$2,007,817 20	\$84,000 4
<b>Total</b>	<b>\$5,890,247</b> <b>58</b>	<b>\$7,121,197</b> <b>72</b>	<b>\$8,530,822</b> <b>69</b>	<b>\$10,977,289</b> <b>75</b>	<b>\$6,293,392</b> <b>51</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Liberal Arts**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anthropology (1787)	\$34,665 1	\$0 0	\$259,461 2	\$141,237 2	\$0 0
Art (1770)	\$7,500 2	\$0 0	\$0 0	\$0 0	\$4,450 1
Economics (1771)	\$0 0	\$23,547 2	\$0 0	\$0 0	\$114 1
English (1773)	\$0 0	\$10,000 1	\$0 0	\$6,725 2	\$0 0
Foreign Languages & Literature (1774)	\$0 0	\$2,000 1	\$0 0	\$0 0	\$0 0
Journalism & Technical Comm (1785)	\$0 0	\$129,961 2	\$0 0	\$29,976 1	\$0 0
Music, Theatre & Dance (1778)	\$0 0	\$3,000 2	\$0 0	\$0 0	\$0 0
Sociology (1784)	\$0 0	\$100,000 2	\$0 0	\$0 0	\$0 0
Speech Communication (1783)	\$0 0	\$0 0	\$4,725 1	\$0 0	\$0 0
<b>Total</b>	<b>\$42,165</b> <b>3</b>	<b>\$268,508</b> <b>10</b>	<b>\$264,186</b> <b>3</b>	<b>\$177,938</b> <b>5</b>	<b>\$4,564</b> <b>2</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Natural Resources**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Cemml (1490)	\$0 0	\$0 0	\$0 0	\$4,392,213 42	\$6,491,884 62
Coop Fish & Wildlife Research (1484)	\$185,039 4	\$162,010 3	\$130,500 4	\$116,500 2	\$133,691 3
Dean Of Natural Resources (1401)	\$0 0	\$445 1	\$20,000 1	\$0 0	\$0 0
Earth Resources (1482)	\$167,052 6	\$228,980 5	\$593,319 11	\$313,528 4	\$444,465 5
Fish & Wildlife Biology (1474)	\$478,547 24	\$701,620 20	\$472,887 20	\$495,235 16	\$377,047 12
Forest Sciences (1470)	\$2,988,262 35	\$2,349,730 40	\$3,923,519 44	\$31,000 1	\$118,500 5
Nat Res Recreation & Tourism (1480)	\$60,894 3	\$11,500 2	\$136,167 4	\$14,555 2	\$3,483 2
Natural Resource Ecology Lab (1499)	\$622,849 12	\$203,211 7	\$759,177 12	\$896,219 12	\$218,768 5
Rangeland Ecosystem Science (1478)	\$143,011 4	\$0 0	\$126,909 1	\$45,424 2	\$10,000 1
<b>Total</b>	<b>\$4,645,654</b> <b>88</b>	<b>\$3,657,496</b> <b>78</b>	<b>\$6,162,478</b> <b>97</b>	<b>\$6,304,674</b> <b>81</b>	<b>\$7,797,838</b> <b>95</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Natural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Biochemistry & Molecular Bio (1870)	\$144,540 5	\$1,237,116 9	\$1,382,965 11	\$1,359,104 8	\$1,238,658 11
Biology (1878)	\$287,298 7	\$319,589 5	\$1,114,184 15	\$955,897 14	\$531,723 7
Center For Sci, Math & Tech Ed (1802)	\$65,000 3	\$2,000 1	\$40,374 2	\$342,988 1	\$374,040 1
Chemistry (1872)	\$1,420,694 12	\$803,432 8	\$1,868,981 18	\$1,940,346 15	\$1,779,451 10
Computer Science (1873)	\$475,957 3	\$881,362 5	\$34,500 1	\$310,018 4	\$84,764 1
Dean Of Natural Sciences (1801)	\$126 1	\$220,000 1	\$0 0	\$0 0	\$0 0
Mathematics (1874)	\$0 0	\$0 0	\$0 0	\$150,276 2	\$21,327 1
Physics (1875)	\$827,927 4	\$660,707 4	\$378,420 5	\$493,339 7	\$825,794 11
Psychology (1876)	\$2,000 1	\$188,500 2	\$77,321 3	\$22,477 2	\$0 0
Statistics (1877)	\$110,500 3	\$0 0	\$22,000 1	\$67,325 2	\$681,994 2
<b>Total</b>	<b>\$3,334,042</b> <b>39</b>	<b>\$4,312,706</b> <b>35</b>	<b>\$4,918,745</b> <b>56</b>	<b>\$5,641,770</b> <b>55</b>	<b>\$5,537,751</b> <b>44</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Other**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Acad Computing & Network Serv (2028)	\$0 0	\$126,588 1	\$0 0	\$0 0	\$0 0
Agric Experiment Station (3001)	\$20,000 1	\$25,900 2	\$24,774 2	\$63,525 1	\$9,500 2
Asian/Pacific American Stu Ser (8018)	\$1,500 1	\$1,000 1	\$1,200 1	\$0 0	\$0 0
Center For Life Sciences (1031)	\$0 0	\$0 0	\$398,050 5	\$0 0	\$0 0
Colo Water Resources Res Inst (2033)	\$15,000 1	\$5,000 1	\$0 0	\$71,825 7	\$22,000 2
Cooperative Extension (4040)	\$1,447,906 7	\$1,524,037 10	\$499,807 13	\$17,675 2	\$38,941 4
Educ Outreach-Administration (1040)	\$0 0	\$272,670 2	\$0 0	\$106,920 2	\$158,954 2
Graduate School (2015)	\$0 0	\$0 0	\$470,000 2	\$200,001 1	\$0 0
International Programs (1024)	\$170,327 2	\$64,000 2	\$0 0	\$8,743 1	\$0 0
Intl Research & Development (2018)	\$9,649 1	\$0 0	\$0 0	\$0 0	\$0 0
Native American Student Serv (8013)	\$0 0	\$2,000 1	\$0 0	\$0 0	\$0 0
Presidents Office (0100)	\$600 1	\$0 0	\$0 0	\$0 0	\$0 0
Provost/Academic Vp (1001)	\$0 0	\$0 0	\$1,950 1	\$0 0	\$0 0
San Luis Valley Research Ctr (3043)	\$0 0	\$0 0	\$87,358 2	\$35,000 1	\$0 0
Southwestern Colorado Res Ctr (3050)	\$0 0	\$0 0	\$63,288 2	\$10,000 1	\$10,000 1
V P Research & Info Technology (2001)	\$0 0	\$1,966 1	\$0 0	\$0 0	\$0 0
Western Colorado Research Ctr (3046)	\$0 0	\$0 0	\$4,694 1	\$2,565,252 2	\$65,252 1
Women'S Programs & Studies (8001)	\$18,829 1	\$0 0	\$0 0	\$0 0	\$0 0
<b>Total</b>	<b>\$1,683,811</b> <b>15</b>	<b>\$2,023,161</b> <b>21</b>	<b>\$1,551,121</b> <b>29</b>	<b>\$3,078,941</b> <b>18</b>	<b>\$304,647</b> <b>12</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Third Quarter (January - March)**

**Vet. Medicine & Biomedical Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anatomy & Neurobiology (1670)	\$861,402 6	\$863,560 6	\$1,233,423 7	\$1,422,770 7	\$0 0
Biomedical Sciences (1672)	\$291,453 6	\$265,308 5	\$423,299 7	\$2,065,924 8	\$0 0
Biomedical Sciences (1680)	\$0 0	\$0 0	\$0 0	\$0 0	\$1,946,784 12
Clinical Sciences (1678)	\$867,051 14	\$361,340 16	\$332,328 12	\$750,845 16	\$345,352 9
Dean Of Vet Medicine (1601)	\$0 0	\$30,000 1	\$0 0	\$0 0	\$0 0
Env & Rad Health Sci (1681)	\$0 0	\$0 0	\$0 0	\$0 0	\$2,943,221 8
Environmental Health (1676)	\$127,761 4	\$237,555 4	\$1,496,064 9	\$99,507 3	\$0 0
Micro, Imuno & Path (1682)	\$0 0	\$0 0	\$0 0	\$0 0	\$3,243,096 12
Microbiology (1677)	\$908,833 12	\$1,154,282 13	\$2,863,211 19	\$1,039,217 12	\$0 0
Pathology (1671)	\$1,075,601 8	\$460,725 5	\$929,653 6	\$1,813,178 8	\$0 0
Radiological Health Sciences (1673)	\$308,765 4	\$683,074 4	\$359,435 4	\$568,464 3	\$0 0
<b>Total</b>	<b>\$4,440,866</b> <b>54</b>	<b>\$4,055,844</b> <b>54</b>	<b>\$7,637,413</b> <b>64</b>	<b>\$7,759,905</b> <b>57</b>	<b>\$8,478,453</b> <b>41</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

# **Awards By Department**

**Fiscal Year to Date (July - March)**

**Fiscal Year(s): 1999, 2000, 2001, 2002, 2003**

**Quarter(s): 1, 2, 3**

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Agricultural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Agric & Resource Economics (1172)	\$1,012,897 18	\$192,938 8	\$209,780 10	\$183,927 7	\$314,466 11
Animal Sciences (1171)	\$579,716 21	\$762,486 16	\$1,106,928 20	\$687,640 17	\$564,615 15
Arkansas Valley Research Ctr (1140)	\$7,250 4	\$0 0	\$0 0	\$0 0	\$0 0
Bioagricultural Sci & Pest Mgmt (1177)	\$1,311,297 38	\$969,335 28	\$1,385,010 29	\$1,846,497 30	\$2,482,153 41
Dean Of Agricultural Sciences (1101)	\$0 0	\$43,303 1	\$45,092 2	\$0 0	\$0 0
Fruita Research Center (1146)	\$5,500 4	\$0 0	\$0 0	\$0 0	\$0 0
Horticulture & Landscape Arch (1173)	\$268,430 11	\$186,300 8	\$264,229 8	\$1,738,625 6	\$806,284 14
Intl Agricultural Program (1102)	\$58,987 3	\$50,313 2	\$0 0	\$0 0	\$0 0
San Luis Valley Research Ctr (1143)	\$75,850 6	\$565,981 10	\$0 0	\$0 0	\$0 0
Soil & Crop Sciences (1170)	\$1,090,109 24	\$889,984 22	\$2,605,260 30	\$1,090,014 31	\$2,764,483 33
Southwestern Colorado Res Ctr (1150)	\$0 0	\$39,260 2	\$0 0	\$0 0	\$0 0
<b>Total</b>	<b>\$4,410,036</b> <b>129</b>	<b>\$3,699,900</b> <b>97</b>	<b>\$5,616,299</b> <b>99</b>	<b>\$5,546,703</b> <b>91</b>	<b>\$6,932,001</b> <b>114</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Applied Human Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Dean Of Applied Human Sciences (1501)	\$299,658 3	\$0 0	\$17,773 2	\$234,470 4	\$624,193 4
Dept Of Health & Exercise Sci (1582)	\$147,134 3	\$360,448 2	\$301,526 3	\$331,140 2	\$123,798 2
Design And Merchandising (1574)	\$56,000 2	\$31,305 1	\$19,593 1	\$28,000 2	\$0 0
Food Science & Human Nutrition (1571)	\$534,792 4	\$845,626 12	\$2,309,769 9	\$2,764,758 10	\$2,898,100 9
Human Dev & Family Studies (1570)	\$20,776 2	\$75,000 1	\$0 0	\$86,124 4	\$139,005 3
Mfg Tech & Constr Mgmt (1584)	\$212,928 3	\$1,059,802 9	\$968,276 5	\$161,901 6	\$186,519 3
Occupational Therapy (1573)	\$556,322 11	\$467,912 6	\$110,508 4	\$942,043 7	\$83,191 3
School Of Education (1588)	\$475,912 10	\$109,797 6	\$803,048 7	\$2,552,295 15	\$1,195,045 8
Social Work (1586)	\$112,919 4	\$168,629 4	\$419,723 5	\$461,669 6	\$484,281 8
<b>Total</b>	<b>\$2,416,441</b> <b>42</b>	<b>\$3,118,519</b> <b>41</b>	<b>\$4,950,216</b> <b>36</b>	<b>\$7,562,400</b> <b>56</b>	<b>\$5,734,132</b> <b>40</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Business**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Computer Information Systems (1277)	\$0 0	\$0 0	\$126,500 3	\$399,954 2	\$185,885 2
Finance & Real Estate (1272)	\$0 0	\$18,280 1	\$0 0	\$0 0	\$0 0
Inst For Transportation Mgt (1276)	\$350,000 5	\$286,398 3	\$141,896 2	\$106,887 3	\$0 0
Management (1275)	\$25,756 2	\$0 0	\$8,985 1	\$0 0	\$0 0
Marketing (1278)	\$8,200 1	\$0 0	\$0 0	\$0 0	\$0 0
<b>Total</b>	<b>\$383,956</b> <b>8</b>	<b>\$304,678</b> <b>4</b>	<b>\$277,381</b> <b>6</b>	<b>\$506,841</b> <b>5</b>	<b>\$185,885</b> <b>2</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Engineering**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Atmospheric Science (1371)	\$5,531,484 55	\$5,135,178 59	\$5,612,035 67	\$7,853,593 65	\$5,368,789 57
Chemical Engineering (1370)	\$993,168 15	\$1,043,643 19	\$2,096,778 17	\$1,808,097 10	\$693,928 6
Cira (1375)	\$14,988,065 49	\$7,390,771 37	\$9,387,964 42	\$12,858,258 49	\$10,631,406 45
Civil Engineering (1372)	\$2,895,008 71	\$4,029,363 63	\$4,237,944 55	\$6,074,522 60	\$5,759,159 56
Dean Of Engineering (1301)	\$700,000 1	\$650,126 3	\$650,000 2	\$650,000 2	\$550,000 2
Elec. & Computer Engineering (1373)	\$1,207,885 25	\$2,173,759 21	\$1,580,027 28	\$3,847,793 32	\$2,750,860 20
Mechanical Engineering (1374)	\$2,615,608 35	\$702,830 14	\$2,040,087 26	\$3,467,148 43	\$2,112,297 24
<b>Total</b>	<b>\$28,931,218</b> <b>251</b>	<b>\$21,125,670</b> <b>216</b>	<b>\$25,604,835</b> <b>237</b>	<b>\$36,559,411</b> <b>261</b>	<b>\$27,866,439</b> <b>210</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Liberal Arts**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anthropology (1787)	\$34,665 1	\$5,000 1	\$396,292 4	\$155,737 3	\$221,771 4
Art (1770)	\$7,500 2	\$0 0	\$0 0	\$0 0	\$4,950 2
Ctr Applied Stu Amer Ethnicity (1790)	\$0 0	\$4,999 2	\$0 0	\$0 0	\$0 0
Economics (1771)	\$0 0	\$96,547 3	\$1,927 2	\$41,000 1	\$49,678 2
English (1773)	\$0 0	\$11,125 2	\$9,231 2	\$14,725 4	\$0 0
Foreign Languages & Literature (1774)	\$5,477 2	\$2,000 1	\$0 0	\$0 0	\$0 0
History (1776)	\$0 0	\$0 0	\$0 0	\$0 0	\$30,000 1
Journalism & Technical Comm (1785)	\$697,683 3	\$705,565 4	\$787,633 7	\$1,007,150 4	\$895,473 2
Music, Theatre & Dance (1778)	\$173,509 2	\$171,658 4	\$171,841 1	\$3,500 1	\$0 0
Philosophy (1781)	\$0 0	\$0 0	\$169,717 1	\$0 0	\$0 0
Political Science (1782)	\$0 0	\$0 0	\$8,500 1	\$0 0	\$0 0
Sociology (1784)	\$15,000 1	\$150,000 3	\$179,581 3	\$154,000 2	\$298,520 2
Speech Communication (1783)	\$0 0	\$0 0	\$4,725 1	\$0 0	\$0 0
<b>Total</b>	<b>\$933,834</b> <b>11</b>	<b>\$1,146,894</b> <b>20</b>	<b>\$1,729,447</b> <b>22</b>	<b>\$1,376,112</b> <b>15</b>	<b>\$1,500,392</b> <b>13</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Natural Resources**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Cemml (1490)	\$0 0	\$0 0	\$0 0	\$10,197,246 122	\$12,671,209 152
Coop Fish & Wildlife Research (1484)	\$597,494 18	\$647,654 17	\$1,395,620 22	\$994,210 17	\$760,923 18
Dean Of Natural Resources (1401)	\$0 0	\$4,863 3	\$130,007 3	\$0 0	\$0 0
Earth Resources (1482)	\$729,076 27	\$973,716 29	\$1,214,335 30	\$905,754 18	\$858,283 20
Fish & Wildlife Biology (1474)	\$2,457,178 86	\$2,377,557 81	\$2,237,471 88	\$4,265,971 107	\$2,978,189 58
Forest Sciences (1470)	\$9,907,540 154	\$8,302,747 135	\$14,871,636 158	\$1,019,666 16	\$635,237 15
Nat Res Recreation & Tourism (1480)	\$364,778 11	\$337,131 14	\$373,900 15	\$250,292 8	\$147,993 6
Natural Resource Ecology Lab (1499)	\$4,600,175 48	\$8,603,334 48	\$6,138,781 57	\$8,989,587 49	\$6,241,582 46
Rangeland Ecosystem Science (1478)	\$1,290,903 25	\$917,207 14	\$483,040 17	\$1,033,880 17	\$284,795 11
<b>Total</b>	<b>\$19,947,144</b> <b>369</b>	<b>\$22,164,209</b> <b>341</b>	<b>\$26,844,790</b> <b>390</b>	<b>\$27,656,606</b> <b>354</b>	<b>\$24,578,211</b> <b>326</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Natural Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Biochemistry & Molecular Bio (1870)	\$1,757,171 17	\$2,160,525 16	\$3,463,927 29	\$4,632,391 24	\$3,617,009 28
Biology (1878)	\$1,314,052 17	\$780,147 15	\$1,824,615 25	\$2,112,256 23	\$749,317 15
Center For Sci, Math & Tech Ed (1802)	\$651,824 12	\$72,200 4	\$435,151 8	\$1,495,854 3	\$498,986 2
Chemistry (1872)	\$4,078,123 43	\$3,591,230 33	\$4,125,497 42	\$4,975,458 34	\$3,602,633 25
Computer Science (1873)	\$1,301,368 8	\$881,362 5	\$875,464 7	\$834,278 10	\$604,308 5
Dean Of Natural Sciences (1801)	\$126 1	\$820,126 3	\$0 0	\$52,800 1	\$34,050 1
Mathematics (1874)	\$540,989 7	\$65,336 2	\$483,027 7	\$563,563 7	\$200,560 5
Physics (1875)	\$2,010,084 22	\$1,410,826 17	\$917,307 15	\$1,100,378 19	\$1,576,692 21
Psychology (1876)	\$2,280,784 15	\$2,093,152 14	\$3,306,414 14	\$1,840,762 14	\$2,554,059 16
Statistics (1877)	\$254,246 10	\$295,696 9	\$317,114 8	\$1,308,906 13	\$1,137,568 9
<b>Total</b>	<b>\$14,188,767</b> <b>152</b>	<b>\$12,170,600</b> <b>118</b>	<b>\$15,748,516</b> <b>155</b>	<b>\$18,916,646</b> <b>148</b>	<b>\$14,575,182</b> <b>127</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Other**

	1999	2000	2001	2002	2003
Acad Computing & Network Serv (2028)	\$223,412 1	\$131,588 2	\$0 0	\$0 0	\$0 0
Academic Advancement Center (8100)	\$232,578 1	\$261,881 2	\$267,119 1	\$58,360 3	\$346,893 3
Agric Experiment Station (3001)	\$352,694 2	\$39,700 4	\$59,322 5	\$200,075 5	\$171,579 5
Asian/Pacific American Stu Ser (8018)	\$1,500 1	\$1,000 1	\$1,200 1	\$0 0	\$0 0
Career Center (8008)	\$95,344 3	\$0 0	\$0 0	\$0 0	\$0 0
Center Educ Access & Outreach (8005)	\$380,841 1	\$407,488 1	\$833,263 3	\$455,081 2	\$863,115 2
Center For Life Sciences (1031)	\$0 0	\$100,000 1	\$398,050 5	\$395,600 5	\$0 0
Colo Water Resources Res Inst (2033)	\$50,180 6	\$256,856 4	\$30,000 3	\$207,825 10	\$173,822 4
Colorado State Forest Svc-Csu (5060)	\$164,138 2	\$0 0	\$278,416 1	\$0 0	\$0 0
Cooperative Extension (4040)	\$2,777,386 30	\$2,462,406 21	\$2,303,244 17	\$871,404 20	\$1,525,996 26
Educ Outreach-Administration (1040)	\$174,922 2	\$272,670 2	\$127,450 2	\$106,920 2	\$158,954 2
El Centro Student Services (8017)	\$0 0	\$4,000 2	\$1,500 1	\$0 0	\$2,000 1
Graduate School (1005)	\$272,387 5	\$0 0	\$0 0	\$0 0	\$0 0
Graduate School (2015)	\$0 0	\$284,099 4	\$883,927 10	\$657,483 11	\$377,836 2
Housing (8032)	\$0 0	\$0 0	\$55,500 1	\$58,000 1	\$0 0
International Education (1014)	\$13,700 1	\$0 0	\$0 0	\$0 0	\$0 0
International Programs (1024)	\$183,427 5	\$115,352 5	\$17,247 1	\$135,680 3	\$505,491 6
Intl Research & Development (2018)	\$9,649 1	\$0 0	\$0 0	\$0 0	\$0 0
Laboratory Animal Resources (2007)	\$0 0	\$0 0	\$0 0	\$0 0	\$10,000 1
Library (1019)	\$0 0	\$0 0	\$0 0	\$0 0	\$7,000 1
Native American Student Serv (8013)	\$0 0	\$2,000 1	\$0 0	\$0 0	\$0 0
Presidents Office (0100)	\$600 1	\$0 0	\$0 0	\$0 0	\$0 0

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Other**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Provost/Academic Vp (1001)	\$400,000 5	\$400,000 5	\$1,950 1	\$4,400 1	\$19,403 1
San Luis Valley Research Ctr (3043)	\$0 0	\$0 0	\$404,360 13	\$293,636 11	\$125,436 8
Service Learning & Voluntr Pgm (8040)	\$0 0	\$0 0	\$133,656 1	\$139,955 1	\$139,957 1
Southwestern Colorado Res Ctr (3050)	\$0 0	\$0 0	\$65,937 3	\$10,000 1	\$10,000 1
Student Center (8033)	\$1,300 1	\$750 1	\$1,500 1	\$4,000 1	\$2,500 1
Talent Search Program (0011)	\$288,261 1	\$294,026 1	\$300,907 2	\$327,726 2	\$0 0
University Police (6023)	\$41,219 3	\$60,473 2	\$62,081 2	\$67,392 2	\$68,421 2
V P Research & Info Technology (2001)	\$12,302 1	\$1,966 1	\$1,112 1	\$0 0	\$0 0
Western Colorado Research Ctr (3046)	\$0 0	\$0 0	\$4,694 1	\$2,588,641 4	\$91,040 4
Women'S Programs & Studies (8001)	\$40,849 3	\$0 0	\$0 0	\$0 0	\$0 0
<b>Total</b>	<b>\$5,716,689</b> <b>76</b>	<b>\$5,096,255</b> <b>60</b>	<b>\$6,232,435</b> <b>76</b>	<b>\$6,582,178</b> <b>85</b>	<b>\$4,599,443</b> <b>71</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.

**Awards Received by Department (\$ and #)\***

**Fiscal Year to Date (July - March)**

**Vet. Medicine & Biomedical Sciences**

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Anatomy & Neurobiology (1670)	\$1,716,613 16	\$2,095,529 22	\$3,233,151 23	\$3,404,106 18	\$0 0
Biomedical Sciences (1672)	\$1,859,235 27	\$1,956,576 17	\$2,484,515 24	\$4,111,321 19	\$0 0
Biomedical Sciences (1680)	\$0 0	\$0 0	\$0 0	\$0 0	\$6,401,487 36
Clinical Sciences (1678)	\$3,412,829 45	\$2,089,331 49	\$2,052,917 45	\$2,540,677 44	\$2,808,112 33
Dean Of Vet Medicine (1601)	\$311,969 2	\$1,208,099 3	\$166,716 1	\$185,000 2	\$0 0
Env & Rad Health Sci (1681)	\$0 0	\$0 0	\$0 0	\$0 0	\$7,588,595 42
Environmental Health (1676)	\$2,802,363 25	\$4,289,026 37	\$5,597,668 39	\$4,769,691 32	\$0 0
Micro, Imuno & Path (1682)	\$0 0	\$0 0	\$0 0	\$0 0	\$13,161,114 54
Microbiology (1677)	\$5,199,136 40	\$6,394,784 44	\$8,067,107 48	\$5,683,538 36	\$0 0
Pathology (1671)	\$2,007,289 23	\$1,920,359 21	\$3,274,373 32	\$3,134,890 21	\$0 0
Radiological Health Sciences (1673)	\$1,295,009 17	\$2,106,126 16	\$1,193,525 14	\$2,521,515 18	\$0 0
<b>Total</b>	<b>\$18,604,443</b> <b>195</b>	<b>\$22,059,830</b> <b>209</b>	<b>\$26,069,972</b> <b>226</b>	<b>\$26,350,738</b> <b>190</b>	<b>\$29,959,308</b> <b>165</b>

\*If a department or fiscal year is not listed, there were no proposals submitted for that department and/or fiscal year during the quarter(s) indicated.



# **Research Proposals Submitted and Research Awards Received**

## **Section III**

### **Facilities and Administrative (F&A) Recoveries**

Colorado State University  
Vice President for Research Information Technologies  
Facilities and Administrative Cost Recoveries by Month and Year to Date  
March 2003

	Prior Fiscal Year		Current Fiscal Year	
	Month to Date	Year to Date	Month to Date	Year to Date
<b>Agricultural Sciences</b>	41,012	359,903	90,805	549,203
<b>Business</b>	16,128	181,242	23,350	160,467
<b>Engineering</b>	603,248	5,327,839	602,520	5,802,321
<b>Natural Resources</b>	350,520	3,380,756	355,289	3,653,248
<b>Applied Human Sciences</b>	75,665	724,192	66,053	688,199
<b>Vet. Medicine &amp; Biomedical Scie</b>	586,849	5,242,936	753,042	6,469,865
<b>Liberal Arts</b>	13,455	147,224	10,581	150,181
<b>Natural Sciences</b>	323,412	3,274,351	349,525	3,538,193
<b>VP Student Affairs</b>	4,691	37,162	4,714	46,589
<b>Extension</b>	12,598	120,187	14,551	129,936
<b>Other</b>	10,008	50,579	5,107	77,981
<i>Grand Total</i>	2,037,586	18,846,371	2,275,537	21,266,185

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Agricultural Sciences*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Dean Of Agricultural Sciences	505	1,334	0	1,147
Soil & Crop Sciences	13,689	139,366	22,824	172,010
Animal Sciences	13,208	71,823	3,814	46,018
Agric & Resource Economics	194	6,906	445	15,204
Horticulture & Landscape Arch	2,850	21,459	35,892	124,874
Bioagriculturl Sci & Pest Mgmt	10,566	119,014	27,830	189,951
<b>College Totals:</b>	<i>41,012</i>	<i>359,903</i>	<i>90,805</i>	<i>549,203</i>

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**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

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*Business*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Marketing	6,481	84,402	16,749	95,108
Inst For Transportation Mgt	7,238	60,142	5,158	29,639
Computer Information Systems	2,409	36,698	1,444	35,721
<b>College Totals:</b>	<i>16,128</i>	<i>181,242</i>	<i>23,350</i>	<i>160,467</i>

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**Colorado State University  
Sponsored Programs  
Facilities and Administrative Cost Recoveries by  
Month and Year to Date  
March 2003**

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***Engineering***

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
CIRA	204,368	1,753,535	172,745	1,713,746
Mechanical Engineering	53,321	466,632	48,222	543,494
Electrical & Computer Engineering	35,948	425,652	55,240	463,838
Civil Engineering	80,355	647,295	92,205	809,073
Atmospheric Science	198,619	1,845,891	207,809	1,975,066
Dean Of Engineering	4,839	24,601	2,718	48,556
Chemical & Biores Engineering	25,798	164,233	23,581	248,548
<b>College Totals:</b>	<b>603,248</b>	<b>5,327,839</b>	<b>602,520</b>	<b>5,802,321</b>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Natural Resources*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Earth Resources	14,172	149,627	13,973	164,828
Forest Sciences	18,237	159,815	6,709	139,341
Natural Resource Ecology Lab	126,984	1,197,521	113,904	1,226,959
CEMML	140,651	1,400,515	166,002	1,568,869
Coop Fish & Wildlife Research	4,808	42,037	8,645	67,044
Fish & Wildlife Biology	39,092	370,141	37,137	425,814
Dean Of Natural Resources	0	1,903	674	1,334
Nat Res Recreation & Tourism	4,323	22,856	2,250	17,988
Rangeland Ecosystem Science	2,253	36,342	5,995	41,070
<b>College Totals:</b>	<b>350,520</b>	<b>3,380,756</b>	<b>355,289</b>	<b>3,653,248</b>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Applied Human Sciences*

Department Name	Prior Fiscal Year		Current Fiscal Year	
	Month to Date	Year to Date	Month to Date	Year to Date
Food Science & Human Nutrition	14,015	162,442	15,292	143,463
School Of Education	24,418	155,549	22,540	275,399
Social Work	8,149	69,786	6,357	66,451
Mfg Tech & Constr Mgmt	5,874	165,356	5,328	51,062
Exercise & Sport Science	8,883	46,786	378	6,320
Occupational Therapy	11,065	92,946	9,172	97,374
Human Dev & Family Studies	477	13,466	1,107	11,492
Dean Of Applied Human Sciences	2,782	17,322	5,878	36,463
Design, Merch & Consumer Sci	2	539	0	177
<b>College Totals:</b>	<b>75,665</b>	<b>724,192</b>	<b>66,053</b>	<b>688,199</b>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

***Vet. Medicine & Biomedical Sciences***

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Environmental Health	72,551	708,077	1,376	17,865
Radiological Health Sciences	50,600	468,034	774	12,968
Anatomy & Neurobiology	91,508	820,762	0	0
Pathology	66,919	582,134	0	0
Physiology	61,414	482,171	0	0
Clinical Sciences	48,290	359,361	91,110	811,912
Microbiology	195,568	1,822,397	907	11,541
Biomedical Sciences	0	0	166,005	1,542,173
Env & Rad Health Sci	0	0	188,078	1,466,849
Micro, Imuno & Path	0	0	304,791	2,606,558
<b>College Totals:</b>	<b>586,849</b>	<b>5,242,936</b>	<b>753,042</b>	<b>6,469,865</b>



**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Liberal Arts*

Department Name	Prior Fiscal Year		Current Fiscal Year	
	Month to Date	Year to Date	Month to Date	Year to Date
History	0	0	200	1,714
Ctr Applied Stu Amer Ethnicity	177	4,267	0	0
Anthropology	466	20,478	-137	30,516
Journalism & Technical Comm	10,142	104,238	7,232	80,512
Sociology	2,415	16,952	2,830	28,838
Speech Communication	0	0	0	0
Music, Theatre & Dance	0	0	0	-14
Foreign Languages & Literature	5	84	0	9
English	8	457	54	55
Economics	179	3,446	398	8,438
Art	18	9	0	38
Philosophy	46	-2,708	3	75
<b>College Totals:</b>	<b>13,455</b>	<b>147,224</b>	<b>10,581</b>	<b>150,181</b>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Natural Sciences*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Mathematics	-9,908	77,588	545	46,943
Center For Sci, Math & Tech Ed	5,758	35,004	7,869	49,014
Psychology	55,276	624,967	72,094	676,655
Statistics	10,071	60,920	15,332	126,149
Physics	26,469	294,117	27,615	308,479
Biology	36,010	319,563	22,647	330,369
Biochemistry & Molecular Bio	90,843	732,681	77,600	797,518
Dean Of Natural Sciences	685	14,872	887	9,329
Computer Science	9,888	116,485	12,849	115,197
Chemistry	98,321	998,155	112,087	1,078,540
<b>College Totals:</b>	<b>323,412</b>	<b>3,274,351</b>	<b>349,525</b>	<b>3,538,193</b>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*VP Student Affairs*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Academic Advancement Center	0	0	5	42
Community Services Of Csu	361	3,076	268	2,857
Housing	280	3,656	280	2,455
University Health Services	1,601	9,503	1,659	15,163
Center Educ Access & Outreach	2,449	20,927	2,501	26,071
<b>College Totals:</b>	<b>4,691</b>	<b>37,162</b>	<b>4,714</b>	<b>46,589</b>

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**Colorado State University  
Sponsored Programs  
Facilities and Administrative Cost Recoveries by  
Month and Year to Date  
March 2003**

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*Extension*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Cooperative Extension	12,598	120,187	14,551	129,936
<b>College Totals:</b>	<i>12,598</i>	<i>120,187</i>	<i>14,551</i>	<i>129,936</i>

**Colorado State University**  
**Sponsored Programs**  
**Facilities and Administrative Cost Recoveries by**  
**Month and Year to Date**  
**March 2003**

*Other*

<b>Department Name</b>	<b>Prior Fiscal Year</b>		<b>Current Fiscal Year</b>	
	<b>Month to Date</b>	<b>Year to Date</b>	<b>Month to Date</b>	<b>Year to Date</b>
Agric Experiment Station	2,726	20,918	0	0
Hughes Un Bio-Ctr Life Science	0	0	18	40
Western Colorado Research Ctr	2,524	3,999	890	25,113
Colo Water Resources Res Inst	343	7,572	66	2,449
Graduate School	2,794	5,289	1,672	12,324
Laboratory Animal Resources	0	0	0	2,929
International Programs	1,607	11,093	2,278	34,098
Southwestern Colorado Res Ctr	15	1,708	183	1,027
<b>College Totals:</b>	<b>10,008</b>	<b>50,579</b>	<b>5,107</b>	<b>77,981</b>

# **Research Proposals Submitted and Research Awards Received**

## **Section IV**

**Proposals Submitted – Detail Listing**  
**Awards Received – Detail Listing**

**Proposals Submitted - Detail Listing**  
**Fiscal Year 2003 Third Quarter (January - March)**

**New and Competing Continuation Proposals Submitted**  
**Fiscal Year 2003 Third Quarter (January - March)**

*Agricultural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Agric &amp; Resource Economics</b>				
Thilmany,Dawn D. (1172)	Primary PI	<b>American Farmland Trust, Inc. (AFT)</b>	10/1/02	15090
Field,Thomas G (1171)	Co-PI	Niche Beef Production and Marketing in Colorado	9/1/04	\$9,336
Scanga,John A. (1171)	Collaborator		1/27/03	
Pritchett,James G. (1172)	Primary PI	<b>Kansas State University</b>	7/1/03	35951
		Development & Risk Assessment of Distance	6/30/05	\$47,612
		Learning Methods of Risk Management Education	3/12/03	
Davies,Stephen P (1172)	Primary PI	<b>GreenCO Foundation</b>	4/15/03	15369
		Economic Impact of Colorado Golf Industry	4/14/04	\$49,880
			2/28/03	
<b>Animal Sciences</b>				
Belk,Keith (1171)	Primary PI	<b>Fort Dodge Animal Health (old Cyanamid)</b>	4/1/03	36002
Scanga,John A. (1171)	Co-PI	Determination of the Impact of Biological Products	12/31/03	\$22,879
Smith,Gary C (1171)	Co-PI	on the Green Discoloration of Injection-Site Lesions	3/28/03	
Tatum,Joseph D (1171)	Co-PI			
Siciliano,Paul D (1171)	Primary PI	<b>Stuart Products, Inc.</b>	4/4/03	15182
Bruemmer,Jason (1171)	Collaborator	Effect of Beta-carotene Source on Plasma	4/4/04	\$7,064
Engle,Terry E. (1171)	Collaborator	Beta-carotene Concentration in Horses	3/28/03	
Warren,Lori K. (1171)	Collaborator			
Warren,Lori K. (1171)	Primary PI	<b>EPA - Environmental Protection Agency</b>	9/1/03	15119
Davis,Jessica G. (1170)	Co-PI	Spinning Straw Into Gold: Educating the	8/31/04	\$63,108
		Community on the Production, Utilization and	2/7/03	
		Marketing of Composted Horse Manure		
Scanga,John A. (1171)	Primary PI	<b>John Morrell and Company</b>	4/14/03	36034
Belk,Keith (1171)	Co-PI	Comparison of Wholesale Pork Product Palatability,	10/31/03	\$17,944
Smith,Gary C (1171)	Co-PI	Retail Product Yield & Conformance to John	3/28/03	
Tatum,Joseph D (1171)	Co-PI	Morrell...		
Hossner,Kim L (1171)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	7/1/03	14976
Engle,Terry E. (1171)	Co-PI	Acute Nutrient & Hormonal Regulation of Ovine	6/30/05	\$257,253
		Adipose Gene Expression	1/9/03	
Johnson,Donald E (1171)	Primary PI	<b>EPA - Environmental Protection Agency</b>	11/1/02	14560
		Developing Methodology to Estimate Greenhouse	12/31/03	\$25,000
		Gas Emissions from Livestock Production Systems	1/16/03	
		in Developing...		
Lamm,W Dennis (1171)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	10/1/03	35982
		Implementation of SARE PDP Plan for Colorado	9/30/04	\$10,000
			3/24/03	



**New and Competing Continuation Proposals Submitted**  
**Fiscal Year 2003 Third Quarter (January - March)**

*Agricultural Sciences*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Bioagricultural Sci &amp; Pest Mgmt</b>				
Hutcheson, Harry Joel (1677)	Primary PI	<b>University of North Florida</b>	10/1/03	15189
		Ecology of <i>Borrelia burgdorferi</i> in the Southeastern United States	9/30/08 2/11/03	\$334,990
Schwartz, Howard F (1177)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	7/1/03	36022
Hill, Joseph P (1177)	Co-PI	Application of GPS & PDA Technology to Track Endemic/Emerging Pests & Facilitate IPM Decisions	6/30/06 3/26/03	\$909,874
Brown, Cynthia S (1177)	Primary PI	<b>DOI-USFWS-Fish &amp; Wildlife Service</b>	5/1/03	15305
Beck, K George (1177)	Co-PI	National Wildlife Refuge Russian Knapweed Control & Restoration	6/30/07 2/19/03	\$579,744
Redente, Edward F (1478)	Co-PI			
Norton, Andrew P. (1177)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	9/1/03	14975
Beck, K George (1177)	Co-PI	Integrating Intensive Grazing & Biological Control for the Management of the Dalmatian Toadflax	8/30/07 1/13/03	\$299,562
Rittenhouse, Larry R (1478)	Co-PI			
Zimdahl, Robert L (1177)	Primary PI	<b>DOS - US Department of State</b>	9/1/03	15199
		Development of Agricultural Ethics in the Philippines	12/31/09 2/7/03	\$19,120
Jacobi, William R (1177)	Primary PI	<b>Larimer County</b>	5/1/03	15377
Cardon, Grant E (1170)	Co-PI	Effects of Chloride Salts on Roadside Vegetation	4/30/04 2/28/03	\$46,690
Kondratieff, Boris C (1177)	Primary PI	<b>DOD - US Department of Defense</b>	5/1/03	15385
Opler, Paul A (1177)	Co-PI	Selected Survey of Taxa of Fort Sills, Comanche County, Oklahoma	12/31/04 3/3/03	\$80,000
Brown, Cynthia S (1177)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14977
Hufbauer, Ruth A (1177)	Co-PI	Mechanisms of Plant Invasion in Burned & Unburned Meadows: Community & Ecosystem Consequences	7/1/07 1/10/03	\$660,498
Steltzer, Heidi (1499)	Co-PI			
Stohlgren, Thomas J (1499)	Co-PI			
Hufbauer, Ruth A (1177)	Primary PI	<b>DOI - US Department of the Interior</b>	6/1/03	14935
Brown, Cynthia S (1177)	Co-PI	Understanding the Process of Plant Invasion Following Fire	5/31/06 1/3/03	\$325,807
Steltzer, Heidi (1499)	Co-PI			
Nissen, Scott J (1177)	Primary PI	<b>EPA - Environmental Protection Agency</b>	4/1/03	15079
		Developing Best Management Practices for Sulfentrazone: A New Herbicide	12/2/03 1/30/03	\$49,573
McDonald, Sandra K (1177)	Primary PI	<b>University of California at Davis</b>	9/15/03	35992
		Mountain West IPM Network	9/15/08 3/21/03	\$462,242

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*Agricultural Sciences*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Horticulture &amp; Landscape Arch</b>				
Larsen,Harold J Jr (3046)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	12/1/02	14886
Caspari,Horst W. (1173)	Co-PI	Methods to Delay Bud Break in Grapes	12/1/04	\$12,021
Stushnoff,Cecil (1173)	Co-PI		1/2/03	
Vivanco,Jorge M. (1173)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15100
		Center for Root Cap Gene Expression	7/31/08	\$801,958
			1/23/03	
<b>Plant Path &amp; Weed Science</b>				
Jacobi,William R (1177)	Primary PI	<b>Denver Water Department</b>	5/1/03	36020
		Water Usage by Cottonwoods	3/31/04	\$32,886
			3/21/03	
<b>Soil &amp; Crop Sciences</b>				
Ippolito,James (1170)	Primary PI	<b>American Water Works Assc. Research Fd.</b>	9/1/03	15163
Barbarick,Kenneth A (1170)	Co-PI	The Effect of Long-Term Water Treatment	9/30/05	\$117,844
Schutter,Mary E. (1170)	Co-PI	Residuals-Biosolids Co-applications on Native Rangelands Soil...	2/3/03	
Lapitan,Nora (1170)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	10/1/03	15151
Lawrence,Christopher (1177)	Co-PI	Functional Genomics of Malting in Barley	9/30/04	\$57,600
			1/29/03	
Byrne,Patrick F (0000)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	9/1/03	15197
Dunan,Claudio M. (1177)	Co-PI	Estimating Landscape-level Gene Flow in Wheat &	8/31/06	\$264,733
Westra,Philip (1177)	Co-PI	Jointed Goatgrass	2/26/03	
Haley,Scott D. (1170)	Collaborator			
Nissen,Scott J (1177)	Collaborator			
Paustian,Keith H. (1170)	Primary PI	<b>University of Wyoming</b>	9/1/03	36031
		Rocky Mountain Region Carbon Utilization & Storage Partnership (RM-CUSP)	2/28/05	\$284,250
			3/27/03	
Byrne,Patrick F (0000)	Primary PI	<b>NSF - National Science Foundation</b>	10/1/03	14594
Lapitan,Nora (1170)	Co-PI	Evolutionary Genomics of Drought Tolerance in	9/30/07	\$3,337,178
Stushnoff,Cecil (1173)	Co-PI	Barley	1/24/03	

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*Applied Human Sciences*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Dean Of Applied Human Sciences</b>				
Asmus, Cheryl L (1501)	Primary PI	<b>DOJ-OJP-NIJ-National Inst. of Justice</b>	8/1/03	15009
Cobb, R Brian (1588)	Co-PI	The National Impact Evaluation of Adult Drug	7/31/08	\$4,849,039
Edwards, Ruth W (1876)	Co-PI	Courts	2/6/03	
Lyness, Kevin (1570)	Co-PI			
Unnithan, N Prabha (1784)	Co-PI			
Asmus, Cheryl L (1501)	Primary PI	<b>US Department of Education</b>	7/1/03	15306
		Brief Motivational Intervention to Prevent High	6/30/05	\$310,839
		Risk Drinking in First Year Students	3/27/03	
<b>Human Dev &amp; Family Studies</b>				
Biringen, Zeynep C (1570)	Primary PI	<b>HHS-NIH-Child Health and Human Develop</b>	9/1/03	15118
		Emotional Availability and Kindergarten Outcomes	8/30/06	\$305,313
			1/31/03	
Cook, Alicia Skinner (1570)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	10/1/03	15103
		Global Aging: The Impact of Societal Transitions	9/30/05	\$99,380
		on Families & Consumers	2/4/03	
Biringen, Zeynep C (1570)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	14993
		Emotional Availability and School Readiness	8/31/06	\$305,313
			1/15/03	
<b>Mfg Tech &amp; Constr Mgmt</b>				
Bohren, Lenora (1584)	Primary PI	<b>Wisconsin Department of Natural Resource</b>	2/24/03	14992
		The Simulator: Test Drivers Wanted Project	2/24/04	\$369,764
			1/16/03	
<b>Occupational Therapy</b>				
Sample, Pat L (1573)	Primary PI	<b>US Department of Education</b>	9/1/03	14991
Schelly, Catherine L (1573)	Co-PI	Transitions: A Model for Identification &	8/31/07	\$693,038
		Intervention for Youth with Acquired Brain Injuries	2/27/03	
Schelly, Catherine L (1573)	Primary PI	<b>US Department of Education</b>	9/1/03	14990
Roll, Marla C. (1573)	Co-PI	Universal Access in Higher Education	8/31/07	\$270,928
			2/27/03	

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*Applied Human Sciences*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>School Of Education</b>				
Whaley,David C (1588)	Primary PI	<b>CCHE-Commission on Higher Education</b> Improving K-12 Education & the Quality of Teacher Content Knowledge Through Inclusive & Effective Collaborations Between	2/1/03 9/30/03 1/31/03	14903 \$99,896
Cobb,R Brian (1588)	Primary PI	<b>Colorado Partnership/Educational Renewal</b> Just for the Kids	2/1/03 1/31/04 3/31/03	14915 \$49,500
Cooner,Donna (1588)	Primary PI	<b>US Department of Education</b>	6/1/03	15194
Tochterman,Suzanne M (1588)	Co-PI	Quality Schools for All: Preparing Principals for Leadership in Special Education	5/31/07 2/26/03	\$792,491
<b>Social Work</b>				
Granger,Ben P (1586)	Primary PI	<b>Dr. Scholl Foundation</b> HABIC-Human Animal Bond in Colorado 2004	1/1/04 12/31/04 2/26/03	15333 \$33,327
Granger,Ben P (1586)	Primary PI	<b>The Bright Mountain Foundation</b> HABIC Expansion of Hospice Metro Denver Program & Center Avenue Health Rehabilitation Startup	7/1/03 6/30/04 1/23/03	14933 \$5,000

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*Business*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Computer Information Systems</b>				
Hoxmeier,John A (1277)	Primary PI	<b>Colorado Institute of Technology*</b> An Assessment of Information Assurance Capabilities	3/1/03 6/30/03 3/5/03	15402 \$50,000
<b>Marketing</b>				
Kelly,Kathleen J (1278)	Primary PI	<b>HHS-SAMHSA-Subt Abuse &amp; Mental Hlth Srv</b> Beyond Media Campaigns: Designing Effective Community-Based Social Marketing Programs to Prevent Substance Abuse	1/1/04 12/31/04 1/9/03	14932 \$35,432

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*Engineering*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Atmospheric Science</b>				
Cotton, William A (0000)	Primary PI	<b>NSF - National Science Foundation</b> Numerical Simulation & Analysis of Mesoscale Convective Systems & Severe Storms	7/1/03 11/30/03 1/29/03	15015 \$78,320
Kreidenweis-Dandy, So (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b> Laboratory Investigations of the Links between Mineral Dust & Cloud Formation	8/1/03 7/31/06 1/29/03	15136 \$72,000
Collett, Jeffrey L Jr (1371)	Primary PI	<b>EPA - Environmental Protection Agency</b> Characterization of Water Soluble Organic Carbon in Urban Aerosol	10/1/03 9/30/06 1/29/03	15030 \$446,579
Cotton, William R (1371)	Primary PI	<b>UCAR-NCAR-COMET Atmospheric Tech. Divis.</b> Operational Use & Development of a High-Resolution Mesoscale Model in the Colorado Mountain Region for Wintertime...	6/1/03 5/31/06 3/5/03	15048 \$62,815
Kummerow, Christian D (1371)	Primary PI	<b>NSF - National Science Foundation</b> A Global Field Experiment to Determine the Nature of Convection	9/1/03 8/31/06 2/28/03	15341 \$361,801
Berg, Wesley K (1371)	Co-PI			
L'Ecuier, Tristan S (1371)	Co-PI			
Thompson, David (1371)	Primary PI	<b>NSF - National Science Foundation</b> Analysis of Annular Variability in the Global Circulation	5/1/03 4/30/06 1/23/03	15019 \$386,628
Cotton, William R (1371)	Primary PI	<b>NSF - National Science Foundation</b> Urban Influences on Clouds, Precipitation & Lightning	11/1/03 10/31/06 2/20/03	15188 \$225,408
Van Den Heever, Susan (1371)	Co-PI			
Cotton, William R (1371)	Primary PI	<b>NSF - National Science Foundation</b> Numerical Simulation & Analysis of Severe Storms & Mesoscale Convective Systems	11/1/03 10/31/06 2/6/03	15137 \$644,943
Pielke, Roger A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b> Sensitivity of the Arctic Climate System to Changes in Shrub Stature & Distribution	9/1/03 8/31/04 3/7/03	15411 \$24,000
Pielke, Roger A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b> Integrated Regional Climate Assessment: Interrelationship between Aerosol-Cloud Radiative Forcing, ...	9/1/03 8/31/04 3/7/03	15392 \$24,000
Kreidenweis-Dandy, So (1371)	Primary PI	<b>EPA - Environmental Protection Agency</b> Determination of Relative Contributions of Anthropogenic & Biogenic Sources of Carbonaceous PM2.5 in the...	9/1/03 8/31/06 1/31/03	45093 \$434,053
Collett, Jeffrey L Jr (1371)	Co-PI			
Herckes, Pierre E.H. (1371)	Co-PI			
Thompson, David (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b> Understanding the Dynamics of Stratosphere/ Troposphere Coupling	5/1/03 4/30/05 1/28/03	14946 \$75,046
Denning, A Scott (1371)	Primary PI	<b>University of Toledo</b> Regional CO2 & CH4 Fluxes with Changes in Climate & with Dynamic Land Use	10/1/03 9/30/06 3/31/03	36055 \$325,436

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<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Atmospheric Science</b>				
Stephens, Graeme L (1371)	Primary PI	<b>Calif. Inst. of Tech/Jet Propulsion Lab</b> The Orbiting Carbon Observatory (OCO) Mission	4/1/03 9/30/03 3/28/03	36061 \$10,000
Liston, Glen E (1371)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	14994
Pielke, Roger A (1371)	Co-PI	Collaborative Research: Large-scale Climate Variability & Links to Snow-Ungulate Interactions in Alaska & Svalbard	8/31/08 2/13/03	\$704,504
Cotton, William R (1371)	Primary PI	<b>Colorado State Water Conservation Board</b> Simulations of Cloud Seeding in Colorado	7/1/04 6/30/05 1/24/03	15104 \$26,110

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### *Engineering*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Chemical Engineering</b>				
Reardon, Kenneth F (1370)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15391
		Proteomic Analysis of a Bacterial Consortium during Biodegradation of Chemical Mixtures	7/31/04 3/4/03	\$99,796
Watson, A Ted (1370)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	7/1/03	35976
Dandy, David S (1370)	Co-PI	Nuclear Magnetic Resonance Probes of Biological Systems	6/30/07 3/24/03	\$1,412,932
Ehrhart, Nicole P. (1678)	Collaborator			
Michalak, Rudiger T. (1370)	Collaborator			
Reardon, Kenneth F (1370)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15185
		Proteomic Analysis of a Bacterial Consortium during Biodegradation of Chemical Mixtures	7/31/04 2/18/03	\$99,964
Belfiore, Laurence A (1370)	Primary PI	<b>Petroleum Research Fund</b>	6/1/03	15168
		Spectroscopic Investigations of Macromolecule-Metal Complex with Synergistic Physical Properties	8/31/06 2/18/03	\$120,000
Reardon, Kenneth F (1370)	Primary PI	<b>DOE - US Department of Energy</b>	10/1/03	14869
Duteau, Nancy M. (1682)	Co-PI	Elucidating Basic Mechanisms of Plant-Microorganism Interactions Involved in Remediation of ...	9/30/06 1/15/03	\$449,756
Dandy, David S (1370)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	6/1/03	15215
Watson, A Ted (1370)	Co-PI	Characterization of Temperature Profiles in Beefsteak cooking for Food Safety Risk Analysis	5/31/06 2/25/03	\$560,997
Michalak, Rudiger T. (1370)	Collaborator			
Perkins, Tracy (1370)	Collaborator			
Karim, M Nazmul (1370)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15442
Reardon, Kenneth F (1370)	Co-PI	Proteomic Data Analysis for Improvement of Metabolic Flux in a Genomically Engineered Zymomibas mobilis	9/30/06 3/18/03	\$905,733
Watson, A Ted (1370)	Primary PI	<b>DOE - US Department of Energy</b>	7/1/03	15296
Dandy, David S (1370)	Co-PI	Microscopic Structure to Macroscopic Properties: Nuclear Magnetic Resonance Probes	6/30/06 2/27/03	\$742,475
Michalak, Rudiger T. (1370)	Collaborator			
Reardon, Kenneth F (1370)	Primary PI	<b>NSF - National Science Foundation</b>	10/1/03	15417
Duteau, Nancy M. (1682)	Co-PI	Enhanced Biocatalysis & Chlorinated Ethene Biodegradation by Energy Flux Metabolic Engineering	9/30/06 3/19/03	\$855,786
Wickramasinghe, Ranil (1370)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15207
Carlson, Jonathan O (1682)	Collaborator	Membrane Chromatography	8/31/06	\$739,588
Grainger, David W (1872)	Collaborator		2/14/03	
Reardon, Kenneth F (1370)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15393
Lear, Kevin (1373)	Co-PI	SENSORS: Advanced Biosensor Technology Use of DNA Shuffling & Chemometrics for Monitoring of Chlorinated Solvent ...	7/31/06 3/6/03	\$748,745



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*Engineering*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Cira</b>				
Matsumoto, Clifford R (1375)	Primary PI	<b>UCAR-NCAR-COMET Atmospheric Tech. Divis.</b>	4/1/03	14934
Geary, Edward E (1802)	Co-PI	Inspiring the Next Generation of Explorers: The GLOBE Program	9/30/08 1/3/03	\$10,783,253
Zupanski, Milija (1375)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15300
Randall, David A (1371)	Co-PI	Ensemble Data Assimilation Based on Control Theory	6/30/06 2/20/03	\$402,602
Marroquin, Adrian (1375)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15173
Albers, Steven C (1375)	Co-PI	Surface Inhomogeneities & their Impact on Fluxes & Low Level Jet Dynamics during IHOP: Diagnostic & Numerical ...	6/30/04 3/17/03	\$191,848
Connell, Bernadette H (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Admn</b>	7/1/03	15273
		A Satellite Hydro-Meteorology (SHyMet) Training & Education Proposal	6/30/04 2/21/03	\$32,500
Pielke, Roger A (1371)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Admn</b>	6/1/03	15299
Cotton, William R (1371)	Co-PI	Improving Operational Weather Forecasts Through Enhanced Simulation of Vegetation-Atmosphere Interactions	5/31/05 2/20/03	\$243,799
Knaff, John A (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Admn</b>	1/1/03	15313
		Implementation of a GOES Satellite Data Compression & Transmission System for the WP-3D Aircraft	12/31/03 2/21/03	\$30,000

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*Engineering*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Civil Engineering</b>				
Grigg,Neil S (1372)	Primary PI	<b>NSF - National Science Foundation</b>	1/1/04	15203
Vlachos,Evan C (1784)	Co-PI	Design for Protection of Critical Infrastructure	12/31/06 3/12/03	\$317,651
Pruden,Amy (1372)	Primary PI	<b>NineSigma, Inc.</b>	7/1/03	15350
Collins,George J (1373)	Co-PI	Application of an RF Driven Dense Medium Plasma for Targeted Delivery of Antimicrobials to Surfaces Immersed in ...	12/31/03 2/28/03	\$50,000
Julien,Pierre Y (1372)	Primary PI	<b>DOI-Bureau of Reclamation</b>	10/1/03	15204
Ruff,James F (1372)	Co-PI	Computer Modeling of the Hydraulic Geometry of the Rio Grande between San Acacia & San Marcial	9/30/06	\$921,416
Bestgen,Kevin R (1474)	Collaborator	to Improve the ...	2/17/03	
Charlie,Wayne A (1372)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15110
		Earthquake Induced Pore Pressure & Liquefaction: Influence of Temperature & Dissolved Gas	6/30/05 2/4/03	\$145,214
Liu,Juhua (1372)	Primary PI	<b>National Children's Center for Rural &amp; A</b>	1/27/03	14939
		Off Road Vehicle Safety e-Training Information System Development for Farm Children	9/30/03 1/3/03	\$14,886
Broner,Israel (1372)	Primary PI	<b>DOS-AID-Agency for Inter. Development</b>	11/1/03	14949
		Optimal Wastewater Treatment & Reuse in Isolated Communities in Arid Regions	1/31/06 1/3/03	\$50,830
Pruden,Amy (1372)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15218
Collins,George J (1373)	Co-PI	Dense Media Plasma Applications for Environmentally Benign Remediation of Water	8/29/04 3/4/03	\$50,000
Gilbert,David M (1372)	Primary PI	<b>DOD-ARMY-Corps of Engineers</b>	3/1/03	15292
		Influence of pH on the Electrolytic Degradation of TNT & RDX in Groundwater	12/31/03 2/20/03	\$40,042
Gates,Timothy K (1372)	Primary PI	<b>Colorado Dept Public Health &amp; Environ</b>	1/31/03	14811
		Assessing Irrigation-Induced Selenium & Iron in the Stream-Aquifer System of the Lower Arkansas River Basin, Colorado	2/28/05 1/10/03	\$170,247
Charlie,Wayne A (1372)	Primary PI	<b>Syracuse University</b>	6/1/03	15080
Perko,Howard (1372)	Co-PI	Helix Pier Seismic Response	5/31/06 1/27/03	\$41,460
Thornton,Christopher (1372)	Primary PI	<b>McLaughlin Water Engineering, LTD</b>	3/1/03	15105
		American River Model Study	12/31/03 1/30/03	\$300,400
Durnford,Deanna S (1372)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15354
		Enhanced Remediation of Chlorinated Solvents Using Nontoxic Analogs	7/31/05 3/3/03	\$98,576

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*Engineering*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Dean Of Engineering</b>				
Ritschard,Mark (1301)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15145
Venkatachalam,Chandr (1373)	Co-PI	Virtual Research Laboratory	6/30/06 2/3/03	\$1,500,000
Elhakim,Omnia (1372)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14640
Gorell,Thomas A (1031)	Co-PI	Colorado Louis Stokes Alliance for Minority Participation Grant	6/30/08 1/7/03	\$32,870,552

**New and Competing Continuation Proposals Submitted**  
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*Engineering*

<b>Administering Department</b>			<b>Start Date</b>	
<b>Investigators / Collaborators</b>		<b>Sponsor</b>	<b>End Date</b>	<b>PASS #</b>
<b>(Home Department)</b>		<b>Project Title</b>	<b>Submit Date</b>	<b>\$ Amount</b>
<b>Elec. &amp; Computer Engineering</b>				
Chen,Thomas Wei (1373)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15126
Lear,Kevin (1373)	Co-PI	A Truly CMOS Compliant On-Chip Optical Interconnect System for VLSI Chips	6/30/06 2/3/03	\$489,463
Azimi-Sadjadi,Mahmoo (1373)	Primary PI	<b>NSF - National Science Foundation</b>	11/1/03	15355
		An Adaptable Information Retrieval System with Relevance Feedback	1/31/05 3/3/03	\$336,700
Collins,George J (1373)	Primary PI	<b>Colorado Power Electronics, Inc.</b>	8/1/03	36019
		High Radical Flux & Untraviolet Generation by Atmospheric Pressure Plasma	7/31/04 3/31/03	\$30,000
Collins,George J (1373)	Primary PI	<b>Southwest Research Institute</b>	5/1/03	15144
Williams,John D. (1374)	Collaborator	Atmospheric Plasma Source for Diamond Deposition	4/30/06 2/18/03	\$400,000
Yu,Zengqi (1373)	Collaborator			
Siegel,Howard Jay (1373)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15344
		Collaborative Research: Middleware Support for Pervasive Computing Applications	8/31/06 3/5/03	\$299,938
Nassar,Carl R. (1373)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15156
Wu,Zhiqiang (1373)	Co-PI	CDMA Spreading Sequence Design via Discrete Orthogonal Transforms for Enhanced Performance, Capacity...	6/30/05 2/3/03	\$281,981
Venkatachalam,Chandr (1373)	Primary PI	<b>University of Oklahoma</b>	10/1/03	15416
		Collaborative Research: Information Technology Research Linked Environments for Atmospheric Discovery	9/30/08 3/24/03	\$429,800
Azimi-Sadjadi,Mahmoo (1373)	Primary PI	<b>Hewlett Packard *</b>	2/1/03	15029
		WWWTD Relevancy Research, Phase II	1/31/04 1/16/03	\$69,978
Menoni,Carmen S (1373)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14984
		Development of Table-top Extreme Ultraviolet Nano-imaging Tools	6/30/06 1/23/03	\$356,900
Siegel,Howard Jay (1373)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	14998
Chong,Edwin P. (1373)	Co-PI	ITR: Collaborative Research: NGS: Ad Hoc Grids-Communications & Computing in a Power-Constrained Environment	7/31/08 2/12/03	\$1,875,000
Maciejewski,Anthony (1373)	Co-PI			
Azimi-Sadjadi,Mahmoo (1373)	Primary PI	<b>Orincon</b>	7/1/03	15028
		Underwater Target Classification Schemes from Laser Line Scan/Streak Tube Imaging Libar Imagery	12/31/03 1/14/03	\$21,000
Collins,George J (1373)	Primary PI	<b>Colorado Power Electronics, Inc.</b>	8/1/03	36021
		Plasma-Based Oxygen Generator for Undersea Vehicle Fuel Cells	7/31/04 3/31/03	\$30,000

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*Engineering*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Mechanical Engineering</b>				
Wheeler, Donna (1374)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14985
Ehrhart, Nicole P. (1678)	Collaborator	Micro-Imaging & Mini-Mechanics Instrumentation	6/30/06	\$423,531
James, Susan P (1374)	Collaborator	Acquisition for Research Expansion in Muscular & Biomedical ...	1/23/03	
Kawcak, Christopher E (1678)	Collaborator			
Macleay, Jennifer M. (1678)	Collaborator			
Pluhar, G Elizabeth (1678)	Collaborator			
Rinker, Kristina D. (1370)	Collaborator			
Turner, Anthony Simon (1678)	Collaborator			
Wilbur, Paul J (1374)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	8/15/03	15141
Williams, John D. (1374)	Co-PI	Study of Energetic, Multi-Charge-State Ion Produced within Ion Thruster Discharge Chambers	8/14/04 1/29/03	\$24,000
Wilbur, Paul J (1374)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	8/15/03	15140
Williams, John D. (1374)	Co-PI	Study of High Specific Impulse Ion Optics Systems Using Sub-scale Grids	8/14/04 1/29/03	\$24,000
Troxell, Wade O (1374)	Primary PI	<b>DOE - US Department of Energy</b>	6/1/03	15000
		Distributed Intelligent Agents for Decision Making at Local Distributed Energy Resources Levels	2/28/04 1/9/03	\$32,999
James, Susan P (1374)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	10/1/03	15389
		Creating Hyaluronan Surfaces on Hydrophobic Biomaterials	10/1/05 3/25/03	\$391,498
Wheeler, Donna (1374)	Primary PI	<b>CaP Biotechnology, Inc.</b>	7/1/03	14980
		Elution Kinetics of Antibiotics from Calcium Phosphate Microspheres	12/31/03 1/22/03	\$30,836
Wheeler, Donna (1374)	Primary PI	<b>University of Florida</b>	7/1/03	14986
		Biomimetic Bone	6/30/07 1/31/03	\$441,540
Sampath, Walajabad S (1374)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15363
		Environmentally Benign Recycling of Printed Circuit Boards & Photovoltaic Modules	8/31/06 3/4/03	\$350,000
Wilbur, Paul J (1374)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	8/15/03	15143
Williams, John D. (1374)	Co-PI	Numerical Simulation of Ion Thruster Optics	8/14/04 1/29/03	\$24,000
Burns, Patrick J (2028)	Primary PI	<b>NSF - National Science Foundation</b>	10/1/03	15139
		A Prototypical K-12 Education Grid	10/1/08 2/11/03	\$3,393,462
Wheeler, Donna (1374)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	9/30/03	35959
		Delivery of Therapeutic Agents to Deep Tissue Defects	9/29/05 3/24/03	\$390,148
Wheeler, Donna (1374)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	10/1/03	35958
		In situ Curing Bioresorbable Structural Polymers	9/30/08 3/26/03	\$1,175,996

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*Engineering*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Mechanical Engineering</b>				
Williams,John D. (1374)	Primary PI	<b>Southwest Research Institute</b>	9/1/03	15284
Wilbur,Paul J (1374)	Co-PI	Environmentally Benign Plasma Ion Boriding & Boron-Nitriding of Materials	8/31/06 2/24/03	\$309,781

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*Liberal Arts*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Anthropology</b>				
Todd, Lawrence C (1787)	Primary PI	<b>USDA-USFS-Forest Research</b> Historic Building Preservation	2/1/03 8/30/04 2/24/03	15275 \$10,000
<b>Ctr Applied Stu Amer Ethnicity</b>				
Bubar, Roe (1586)	Primary PI	<b>DOJ-OJP-NIJ-National Inst. of Justice</b>	9/15/03	51438
Shears, Jeffrey (1586)	Co-PI	Research on Child Sexual Abuse Cases of American	9/14/05	\$230,261
Valdez, Norberto (1787)	Co-PI	Indians in Indian Country	3/7/03	
Vernon, Irene (1790)	Co-PI			
<b>English</b>				
G'Schwind, Stephanie (1773)	Primary PI	<b>NEA-National Endowment for the Arts</b> Center for Literary Publishing - Colorado Review	1/1/04 12/31/04 3/12/03	35952 \$26,231
<b>Music, Theatre &amp; Dance</b>				
Cleveland, Annie O (1778)	Primary PI	<b>United States Institute for Theatre Tech</b>	5/1/03	15165
Cleveland, M Barrett (1778)	Collaborator	Archiving Estonian Museum Collection	5/31/05	\$9,974
Lovercheck, Kerrie El (0000)	Collaborator		2/12/03	
<b>Political Science</b>				
Betsill, Michele M. (1782)	Primary PI	<b>NSF - National Science Foundation</b> NGOs in Global Environmental Regimes	6/15/03 8/15/03 1/15/03	15017 \$5,967

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*Natural Resources*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>CEMML</b>				
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b> Mission Transformation EIS Support Phase 5 for US Army Alaska, SOW 03-07	3/24/03 9/30/04 3/20/03	35990 \$612,000
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b> Cultural Resources Survey for Fort Drum, New York	1/15/03 12/30/05 2/21/03	15311 \$200,000
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b> Fort Lewis Land Rehabilitation and Maintenance Support	3/1/03 1/31/04 3/3/03	15332 \$158,618
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Lewis, Washington</b> Yakima Training Center Land Condition Trend Analysis Support	3/17/03	35971 \$0
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b> Natural Resources Support to Meet Sike Act Requirements	2/1/03 9/30/06 2/7/03	15181 \$650,000
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b> Wildlife Monitoring and Support of the Fish & Wildlife Program	4/19/03 10/31/03 1/24/03	15102 \$29,098
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b> ITAM Program Field Support at Fort Drum, New York	1/15/03 9/30/04 1/14/03	15027 \$451,078
<b>Dean Of Natural Resources</b>				
Bruyere,Brett L (1480)	Primary PI	<b>National Fish and Wildlife Foundation</b> Poudre River Restoration	6/1/03 5/31/04 2/28/03	15387 \$16,350
<b>Earth Resources</b>				
Stein,Holly J (1482)	Primary PI	<b>NSF - National Science Foundation</b> Acquisition of a Multi-Collector Thermal Ionization Mass Spectrometer for AIRIE Program	8/1/03 7/31/04 1/27/03	15023 \$415,605
Stein,Holly J (1482)	Primary PI	<b>NSF - National Science Foundation</b>	8/1/03	15024
Hannah,Judith L. (1482)	Co-PI	Technician Support: Phase I Technician Support for TIMS Laboratory	7/31/06 2/7/03	\$225,001



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*Natural Resources*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Fish &amp; Wildlife Biology</b>				
Anderson,David G (1474)	Primary PI	<b>DOD - US Department of Defense</b> Peterson Air Force Base Noxious Weed Map and Management Plan	4/15/03 4/15/04 1/13/03	14810 \$19,951
Douglas,Michael E. (1474)	Primary PI	<b>NSF - National Science Foundation</b> From Molecular Biodiversity to Taxonomic Reality: the Crotalus Viridis (Viperidae) Complex	8/15/03 8/14/06 1/13/03	14913 \$397,013
Noon,Barry R. (1474)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Prescribed Fire Strategies to Restore Wildlife Habitat in Ponderosa Pine Forests of the Intermountain West. . .	4/15/03 8/31/05 3/4/03	15360 \$59,990
Douglas,Michael E. (1474)	Primary PI	<b>NSF - National Science Foundation</b> Clade Divergence & Diversification in Urosaurus Ornatus: Sexual Selection & Ecology	7/1/03 6/30/06 1/13/03	14669 \$398,312
Stevens,Joseph E. (1474)	Primary PI	<b>DOI-NPS-National Park Service</b> Forest Fuels Data Analysis	2/28/03 4/30/03 2/26/03	15186 \$6,370
Knight,Richard L (1478)	Primary PI	<b>The Nature Conservancy</b> Identification & Evaluation of Indicators for Biodiversity Conservation on Ranchlands at Risk of Fragmentation	9/1/03 9/30/05 1/22/03	15004 \$120,038
Culver,Denise R. (1474)	Primary PI	<b>DOI-BLM-Bureau of Land Management</b> Survey & Assessment of Critical Wetlands for La Plata County	5/1/03 9/30/04 2/24/03	15280 \$5,000
Douglas,Michael E. (1474)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Gene & Peptide Biodiversity of Varanoid Lizards	7/1/03 7/1/05 2/14/03	15150 \$416,550
Fausch,Kurt D (1474)	Primary PI	<b>NSF - National Science Foundation</b> REU Supplement for NSF Grant	3/1/03 3/1/05 2/3/03	15169 \$29,600
Stevens,Joseph E. (1474)	Primary PI	<b>DOI-NPS-National Park Service</b> National Park Historical Landscape Analysis	9/1/03 9/30/05 1/30/03	15200 \$81,268
Bell,Jodie B. (1474)	Co-PI			
Redente,Edward F (1478)	Collaborator			
Lambert,Bradley A (1474)	Primary PI	<b>Colorado Division of Wildlife</b> Statewide Boreal Toad Surveys & Monitoring FY03-04	7/1/03 6/30/04 2/28/03	15178 \$91,479
Savidge,Julie (1474)	Primary PI	<b>University of California</b> Raptor Electrocution on Powerlines: Problem Assessment, Mitigation, and Monitoring	3/1/03 6/30/05 2/6/03	15195 \$59,153
Kennedy,Patricia L (1474)	Co-PI			

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*Natural Resources*

<b>Administering Department</b>			<b>Start Date</b>	
<b>Investigators / Collaborators</b>		<b>Sponsor</b>	<b>End Date</b>	<b>PASS #</b>
<b>(Home Department)</b>		<b>Project Title</b>	<b>Submit Date</b>	<b>\$ Amount</b>
<b>Forest Sciences</b>				
Lefsky,Michael A. (1470)	Primary PI	<b>University of Oregon</b>	9/1/03	35980
Ojima,Dennis (1499)	Collaborator	Data Analysis & Modeling: Carbon Stocks & Fluxes in Contrasting Woody Ecosystems of Western North American Interactions	8/31/06 3/31/03	\$368,030
Omi,Philip N (1470)	Primary PI	<b>DOI - US Department of the Interior</b>	8/1/03	14909
		Effectiveness of Pre-Fire Fuel Treatment & Post-Fire Emergency Seeding Projects	7/30/06 1/2/03	\$473,010
Omi,Philip N (1470)	Primary PI	<b>DOI - US Department of the Interior</b>	5/1/04	14870
		Long-Term Implications of Post-Fire Seeding for Erosion Control on Native Plant Recovery & Post-Fire Flammability	4/30/07 1/2/03	\$392,109
Laituri,Melinda J. (1470)	Primary PI	<b>NSF - National Science Foundation</b>	6/1/04	15056
Hochstetler,Kathryn (1782)	Co-PI	Assessment of Information & Technology for Environmental Protection in Brazil	6/30/05 2/27/03	\$273,959
Romme,William H (1470)	Primary PI	<b>University of Wyoming</b>	5/1/03	35957
Lyons,Heather (1470)	Collaborator	Spatial Heterogeneity in Fall Rates of Fire-Killed Trees in Yellowstone National Park	4/30/04 3/25/03	\$5,000
Lefsky,Michael A. (1470)	Primary PI	<b>Calif. Inst. of Tech/Jet Propulsion Lab</b>	3/1/03	15018
		Estimating Canopy Structure, Forest Biomass & Fire Fuel Loads Using Combined Radar Interferometry & Lidar	2/28/05 2/5/03	\$24,000
Dean,Denis J (1470)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15131
		Overcoming Limitations Preventing Machine Learning Systems from Considering the Spatial Nature of GIS Data	3/31/05 2/28/03	\$125,660
Romme,William H (1470)	Primary PI	<b>University of Wyoming</b>	6/1/03	35999
Walsh,James R. (0000)	Collaborator	A Comparison of Fire Regimes and Stand Dynamics in Whitebark Pine (Pinus albicaulis) Communities in the Greater...	5/31/04 3/25/03	\$5,000
<b>Nat Res Recreation &amp; Tourism</b>				
Bright,Alan D (1480)	Primary PI	<b>USDA - US Department of Agriculture</b>	3/31/03	14983
		The Effects of Information on Perceptions of Fire Treatments: An Analysis of Values, Cognitive Style, and Attitude...	12/31/04 1/27/03	\$52,580
Bruyere,Brett L (1480)	Primary PI	<b>EPA - Environmental Protection Agency</b>	9/1/03	15217
		Water & Drought Education	8/30/04 2/14/03	\$23,664

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*Natural Resources*

<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Natural Resource Ecology Lab</b>				
Conant, Richard T. (1499)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b> Graduate Fellowship for Moffatt Ngugi	8/1/03 7/31/04 3/14/03	15370 \$24,000
Baron, Jill (1499)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	14907
Maciel, Gary E (1872)	Co-PI	Carbon Fluxes in a Nitrogen-Rich World.....	8/31/06 1/28/03	\$1,399,200
Welker, Jeffrey (1499)	Primary PI	<b>NSF-GEO-Geosciences</b> Collaborative Research: Arctic Climate Variability & Warming Resolution Ice Core, Vegetation & Ice Wedge Climate Proxies	8/1/03 7/31/07 1/14/03	14851 \$1,351,049
Hobbs, N Thompson (1499)	Primary PI	<b>NSF - National Science Foundation</b> Sources of Heterogeneity in Grasslands: Responses of Wildlife to People on Savanna Landscapes	9/1/03 8/31/06 1/9/03	14761 \$106,256
Hobbs, N Thompson (1499)	Primary PI	<b>NSF - National Science Foundation</b> Sources of Heterogeneity in Grasslands: Responses of Wildlife to People on Savanna Landscapes	9/1/03 8/31/06 1/9/03	14761 \$376,136
Shropshire, Neil C (1499)	Primary PI	<b>NSF - National Science Foundation</b> Ecosystem Consequences of Soil Aggregation by Fungi	7/1/03 6/30/06 1/10/03	14950 \$714,435
Conant, Richard T. (1499)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14817
Paustian, Keith H. (1170)	Co-PI	Decoupling of C & N Cycling in Disturbed	6/30/08	\$1,999,450
Schutter, Mary E. (1170)	Co-PI	Agroecosystems...	1/28/03	
Ogle, Stephen M (1499)	Primary PI	<b>EPA - Environmental Protection Agency</b>	4/1/03	36105
Paustian, Keith H. (1170)	Co-PI	National Greenhouse Gas Inventory Tasks for 2003	3/31/04	\$24,949
Breidt, F Jay (1877)	Collaborator		3/28/03	
<b>Rangeland Ecosystem Science</b>				
Macdonald, Lee H (1482)	Primary PI	<b>DOI - US Department of the Interior</b> Post-Fire Erosion & the Effectiveness of Emergency Rehabilitation Treatments Over Time & at Different Spatial Scales	3/1/03 3/31/06 1/6/03	14942 \$357,096
Paschke, Mark W (1478)	Primary PI	<b>NSF - National Science Foundation</b> Herbivore Regulations of Biological Nitrogen Fixation in Actinorhizal Shrub	10/1/03 9/30/06 1/9/03	14844 \$279,914

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*Natural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Biochemistry &amp; Molecular Bio</b>				
Laybourn,Paul J (1870)	Primary PI	<b>American Heart Association</b> Linker Histone H1 Regulation of HTLV-1 Tax Transcriptional Activation	7/1/03 6/30/06 1/13/03	15014 \$197,985
Stargell,Laurie A. (1870)	Primary PI	<b>American Cancer Society, Inc.</b> Transcriptional Regulation of the Oxidative Stress Response	1/1/04 12/31/07 3/28/03	36047 \$719,833
Summers,Scott A (1870)	Primary PI	<b>Pfizer Inc - Animal Health</b> The Role of Ceramides in Insulin Resistance	7/1/03 6/30/04 3/14/03	35931 \$49,997
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b> Tax Regulation of HTLV-I Gene Expression through CBP/p300	12/1/03 11/30/08 3/13/03	15345 \$1,654,000
Laybourn,Paul J (1870)	Co-PI			
Luger,Karolin (1870)	Co-PI			
Safadi-Chamberlain,F (1870)	Primary PI	<b>University of Colorado Health Sci Ctr</b> The Role of Sphingosine 1-Phosphate as a Regulator of Insulin Action	4/1/03 3/31/04 1/13/03	15013 \$90,000

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*Natural Sciences*

<b>Administering Department</b>			<b>Start Date</b>	
<b>Investigators / Collaborators</b>		<b>Sponsor</b>	<b>End Date</b>	<b>PASS #</b>
<b>(Home Department)</b>		<b>Project Title</b>	<b>Submit Date</b>	<b>\$ Amount</b>
<b>Biology</b>				
Wellnitz,Todd A (1878)	Primary PI	<b>NSF - National Science Foundation</b>	6/1/03	14829
Poff,N Leroy (1878)	Co-PI	Identifying Thresholds in Stream Ecosystem Function: Linking Flow-Mediated Heterogeneity to the contributions ...	5/31/07 1/9/03	\$600,526
Pilon,Marinus (1878)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15107
		The Role of Arabidopsis Thaliana CpNIFS in Plastid Metabolism	6/30/06 2/3/03	\$438,480
Antolin,Michael F (1878)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	15202
		Plague as a Model for Low Prevalence/Epizootic Disease Dynamics	6/30/08 2/14/03	\$1,295,864
Stack,Stephen (1878)	Primary PI	<b>Cornell University</b>	6/1/03	14840
		Sequencing Gene Rich Euchromatic Portions of the Tomato Genome	5/31/07 1/7/03	\$838,942
Anderson,Lorinda Kis (1878)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14791
		Tracking Proteins in Recombination Nodules During Synapsis	6/30/07 1/6/03	\$598,243
Johnson,James Bradle (1878)	Primary PI	<b>EPA - Environmental Protection Agency</b>	1/1/04	15106
Rathburn,Sara L. (1482)	Co-PI	Wetland-Based Watershed Classification as a Means to Manage Cumulative Impacts & Increase the Effectiveness of Wetland..	1/1/07 1/27/03	\$604,998
Rocchio,Joseph F (1474)	Co-PI			
Poff,N Leroy (1878)	Primary PI	<b>EPA - Environmental Protection Agency</b>	8/1/03	15088
		Linking Watershed Characteristics with Flow Regime & Geomorphic Context to Diagnose Water Quality Impairment at Multi.....	7/31/06 1/28/03	\$897,798
Antolin,Michael F (1878)	Primary PI	<b>Colorado Division of Wildlife</b>	7/1/02	15135
		Mapping of Prairie Dog Habitat	6/30/04 2/26/03	\$21,000
<b>Center For Sci, Math &amp; Tech Ed</b>				
Geary,Edward E (1802)	Primary PI	<b>University of Northern Colorado</b>	3/1/03	15154
		Online Course Development	2/28/04 1/30/03	\$41,407
Geary,Edward E (1802)	Primary PI	<b>University of Colorado</b>	8/1/03	15012
		Rocky Mountain Math/Science Project	7/31/08 1/6/03	\$204,818

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### *Natural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Chemistry</b>				
Crans,Debbie C (1872)	Primary PI	<b>NSF - National Science Foundation</b>	6/1/03	14480
Levinger,Nancy E (1872)	Co-PI	Vanadium Complex Interaction with Lipids & Membrane Transport	5/31/07 1/6/03	\$598,017
Henry,Charles S. (1872)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	1/1/04	35986
Haegele,Albert D. (1173)	Co-PI	New Technologies for Measuring Oxidative DNA Damage	12/31/08 3/27/03	\$992,891
Thompson,Henry J. (1173)	Co-PI			
Rappe,Anthony K (1872)	Primary PI	<b>DOE-Office of Energy Research</b>	8/1/03	36023
Dorhout,Peter K (1801)	Co-PI	Catalysis at the Edge - Rational Synthesis of Catalytically Active Nanoscale Domains	7/31/06 3/25/03	\$1,182,974
Finke,Richard G (1872)	Co-PI			
Henry,Charles S. (1872)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	12/1/03	15111
		Interfacial Science for Microfluidic Devices	11/30/03 1/31/03	\$3,063,912
Crans,Debbie C (1872)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	9/1/03	15109
Levinger,Nancy E (1872)	Co-PI	Transport, Toxicology, Gene and Protein Expression of Insulin-Like Compounds	8/31/07 1/30/03	\$1,880,405
Parkinson,Bruce Alan (1872)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	15374
Rappe,Anthony K (1872)	Co-PI	Sensors: Inorganic Nanotubes as Chemical Sensors	8/31/06 3/6/03	\$613,135
Fisher,Ellen R (1872)	Primary PI	<b>NSF - National Science Foundation</b>	7/1/03	14969
		Fundamental Experimental & Theoretical Studies of Plasma Deposition Systems for Production of High K Metal Oxide Films	6/30/06 1/13/03	\$535,131
Grainger,David W (1872)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	11/1/03	36058
Gonzalez-Juarrero,Me (1682)	Co-PI	Macrophage Models for Foreign Body Inflammatory Response	10/31/07 3/28/03	\$1,384,732
Hanneman,William H (1681)	Co-PI			
Parkinson,Bruce Alan (1872)	Primary PI	<b>NSF - National Science Foundation</b>	6/1/03	14927
		Ordering & Surface Dynamics of Multisite Organic Adsorbates on Low-Index Metal Surfaces	5/31/06 1/10/03	\$330,158
Crans,Debbie C (1872)	Primary PI	<b>University of Southern California</b>	7/1/03	15050
		DNA Polymerase Fidelity & Mutagenesis	6/30/08 1/17/03	\$454,109
Chen,Eugene Y. (1872)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/03	14879
		Amphicatalytic Polymerization	8/31/06 1/9/03	\$459,840
Henry,Charles S. (1872)	Primary PI	<b>American Heart Association</b>	7/1/03	14996
		Exploring the Role of Insulin-like Growth Factor-I in Cardiovascular Disease Development of a Microchip Based Assay	6/30/05 1/9/03	\$110,000

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<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Computer Science</b>				
France,Robert (1873)	Primary PI	<b>NSF - National Science Foundation</b> ITR: Collaborative Research; Formalization of UML for Distributed Systems	9/1/03 8/31/08 1/12/03	15176 \$640,588
Draper,Bruce (1873)	Primary PI	<b>DOD-ARPA-Advanced Research Proj. Agency</b> Biomimetic Vision in Support of Overhead Image Analysis	1/1/04 12/31/06 3/31/03	36095 \$1,859,701
France,Robert (1873)	Primary PI	<b>NSF - National Science Foundation</b> ITR: Collaborative Research: Multidimensional Development of Complex Software	1/1/04 12/31/08 2/12/03	15112 \$2,765,871
France,Robert (1873)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	11/1/03	36000
Ray,Indrakshi (1873)	Co-PI	Aspect Oriented Modeling of Dependable Systems	10/31/06 3/27/03	\$565,857
Beveridge,J Ross (1873)	Primary PI	<b>Veridian, Inc.</b> Face ID to Support Veridian	5/1/03 4/30/07 2/6/03	15162 \$308,694
Whitley,L Darrell (1873)	Primary PI	<b>NSF - National Science Foundation</b> Building Better Search Algorithms: Rotated Representations for GA & Local Searches	9/1/03 8/31/07 3/3/03	15348 \$486,420
Howe,Adele E (1873)	Primary PI	<b>NSF - National Science Foundation</b> Collaborative Information Gathering of Integrated Text & Imagery	8/15/03 8/14/06 2/28/03	15315 \$435,719
<b>Mathematics</b>				
Estep,Donald J. (1874)	Primary PI	<b>DOE - US Department of Energy</b>	11/1/03	15366
Tavener,Simon J. (1874)	Co-PI	A Posteriori Analysis of Interface Effects in the Discretization of Multi-Scaled & Multi-Physics Problems by Decomp...	10/30/08 3/6/03	\$1,677,223
Kirby,Michael J (1874)	Primary PI	<b>NSF - National Science Foundation</b>	8/15/03	15072
Beveridge,J Ross (1873)	Co-PI	A Center for Pattern Discovery in High	8/24/08	\$3,872,184
Draper,Bruce (1873)	Co-PI	Dimensional Biometric Systems	2/12/03	
Anderson,Charles (1873)	Collaborator			
Bohm,Anton Willem (1873)	Collaborator			
Givens,Geof H (1877)	Collaborator			
Kley,Holger P. (1874)	Collaborator			
Peterson,Christopher (1874)	Collaborator			
Tavener,Simon J. (1874)	Collaborator			
Kennedy,Paul A. (1874)	Primary PI	<b>US Department of Education</b> CSU Mathematics Access Project	9/1/03 8/31/06 2/11/03	15187 \$377,476

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Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Physics</b>				
Sites,James R (1875)	Primary PI	<b>CRDF Civilian Rsrch &amp; Dvlpmt Foundation</b> Development of Competitive CdTe Solar Cells	8/1/03 7/31/05 1/24/03	15101 \$16,500
Warner,David (1875)	Primary PI	<b>aPeak</b> Geiger Photodiode Array Readouts for Scintillating Fiber Arrays	4/1/03 12/31/03 1/10/03	15032 \$21,565
She,Chiaoyao (1875)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	6/1/03	15349
Krueger,David A (1875)	Co-PI	Observation of Sodium Lidar for Fort Collins	5/31/05	\$269,999
Williams,Bifford (1875)	Co-PI	Mesopause Temperatures & Winds with TIMED Science	3/27/03	
She,Chiaoyao (1875)	Primary PI	<b>CoRA - Colorado Research Associates</b>	8/31/03	14922
Krueger,David A (1875)	Co-PI	Mesopause Dynamics at Alomar	7/31/06 2/7/03	\$201,500
<b>Psychology</b>				
Deffenbacher,Jerry L (1876)	Primary PI	<b>US Department of Education</b>	8/15/03	35981
Oetting,Eugene R (1876)	Co-PI	Preventing Violence Produced by Angry & Aggressive College Students	8/15/05 3/27/03	\$365,324
Heggestad,Eric (1876)	Primary PI	<b>DOT-FAA-Federal Aviation Administration</b>	9/1/03	15053
Chen,Peter (1876)	Co-PI	Traits & Motivation Interventions for Improving Vigilance	8/31/04 1/30/03	\$182,243
Clegg,Benjamin A. (1876)	Co-PI			
Clegg,Benjamin A. (1876)	Primary PI	<b>The Boeing Company</b>	3/1/03	15121
Smith,Charles A.P. (1277)	Co-PI	Closed Loop System for Cognitive Workload Assessment	9/30/05 2/10/03	\$619,604
Young,Peter (1373)	Co-PI			
Swaim,Randall C (1876)	Primary PI	<b>University of Colorado</b>	9/1/03	14972
Kelly,Kathleen J (1278)	Co-PI	Effect of Social Context on Response to Anti-Tobacco Ads	8/31/05 1/13/03	\$137,227
Deffenbacher,Jerry L (1876)	Collaborator			
Oetting,Eugene R (1876)	Collaborator			
Slater,Michael D (1785)	Collaborator			
Heggestad,Eric (1876)	Primary PI	<b>DOT-FAA-Federal Aviation Administration</b>	9/1/03	15053
Chen,Peter (1876)	Co-PI	Traits & Motivation Interventions for Improving Vigilance	8/31/04 1/30/03	\$182,243
Clegg,Benjamin A. (1876)	Co-PI			
Stallones,Lorann (1681)	Primary PI	<b>HHS-NIH-Natl Inst of Environ Health Serv</b> Safe Travel, Work and Home for Migrant and Seasonal Workers	7/1/03 6/30/07 1/9/03	14732 \$935,491



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<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>Asian/Pacific American Stu Ser</b>				
Kumasaka,S Mikiko (0000)	Primary PI	<b>City of Fort Collins - Fort Fund</b> Asian Fest	4/17/03 4/27/03 1/6/03	14952 \$2,500
<b>Center For Life Sciences</b>				
Gorell,Thomas A (1031)	Primary PI	<b>University of Northern Colorado</b>	10/1/03	14940
Geary,Edward E (1802)	Co-PI	Northern Colorado High Plains Science Partnership	9/30/09 1/7/03	\$2,983,433
<b>Colo Water Resources Res Inst</b>				
Ward,Robert C (2033)	Primary PI	<b>DOI-USGS-Geological Survey</b> Adsorption of Arsenic by Hydroxylapatite & Bone as a Means of Treating Drinking Water	9/1/03 8/31/05 3/28/03	36077 \$117,777
Ward,Robert C (2033)	Primary PI	<b>DOI-USGS-Geological Survey</b> Multivariate & Spatial Statistical Approach for Regional Ground Water Vulnerability Assessment to Pesticide ...	9/1/03 8/31/05 3/28/03	36076 \$54,481
Ward,Robert C (2033)	Primary PI	<b>DOI-USGS-Geological Survey</b> State Water Institutes Program	3/1/03 2/28/04 1/14/03	15043 \$84,785
Ward,Robert C (2033)	Primary PI	<b>DOI-USGS-Geological Survey</b> Understanding the Mechanisms of Water Cycle Variability in the San Juan Basin: Implications for Water ...	9/1/03 8/31/05 3/28/03	36072 \$90,244
Ward,Robert C (2033)	Primary PI	<b>DOI-USGS-Geological Survey</b> Role of Iron Precipitates in Buffering Metal Content in Natural, Metal-rich Waters: Developing Sorption...	9/1/03 8/31/05 3/28/03	36075 \$37,434
<b>Cooperative Extension</b>				
Grimes,Kenneth D (4040)	Primary PI	<b>The Denver Foundation</b> Strengthening the Village	7/1/03 6/30/04 2/3/03	14467 \$15,000
<b>Graduate School</b>				
Elhakim,Omnia (1372)	Primary PI	<b>NSF - National Science Foundation</b>	8/30/03	15157
Pellicane,Patrick J. (2015)	Co-PI	Fast Track to Work: Scholarship Program for Graduate Students in Computer Science, Engineering & Mathematics	8/29/07 2/5/03	\$400,000

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<b>Administering Department Investigators / Collaborators (Home Department)</b>		<b>Sponsor Project Title</b>	<b>Start Date End Date Submit Date</b>	<b>PASS # \$ Amount</b>
<b>International Programs</b>				
Bookin-Weiner,Jerome (1024)	Primary PI	<b>NIIED-Nat Inst for International Ed Dev</b> 2003 Professional Development Program for Korean Science Teachers	6/1/03 3/1/04 2/28/03	15367 \$246,745
Bookin-Weiner,Jerome (1024)	Primary PI	<b>Colorado Endowment for the Humanities</b> International Focus 2003-04	8/1/03 5/31/04 3/7/03	15368 \$5,000
Bookin-Weiner,Jerome (1024)	Primary PI	<b>DOS - US Department of State</b>	6/1/03	15210
Willson,Bryan D (1374)	Co-PI	Nepal/US Collaboration on Hydrogen Infrastructure Development	5/31/05 2/14/03	\$25,000
Bookin-Weiner,Jerome (1024)	Primary PI	<b>ARD, Inc.</b> RAISE+	2/18/03 2/18/08 2/12/03	15212 \$0
<b>Library</b>				
Level,Allison V. (1019)	Primary PI	<b>Cornell University</b>	7/1/04	15219
Lunde,Diane B (1019)	Co-PI	Preservation of the Colorado Agriculture Literature	6/30/06 2/25/03	\$41,240
<b>Service Learning &amp; Voluntr Pgm</b>				
Fretz,Eric J. (8040)	Primary PI	<b>US Department of Education</b> Institutionalizing Academic Service-Learning	7/1/03 6/30/06 2/12/03	15180 \$563,072
Fretz,Eric J. (8040)	Primary PI	<b>Corporation for National &amp; Community Srv</b> Educating Citizens for Democracy	7/1/03 7/1/06 3/26/03	14512 \$123,086
<b>Student Media</b>				
Caballero,Mario P. (8038)	Primary PI	<b>US Department of Commerce</b> KCSU Transmitter Replacement Grant	7/1/03 6/30/05 3/28/03	35972 \$43,000
<b>Western Colorado Research Ctr</b>				
Pearson,Calvin H (3046)	Primary PI	<b>Ohio State University</b> Evaluating & Mitigating Possible Effects of Gene Flow from Transgenic, Natural Rubber-Producing Sunflower	9/1/03 9/1/07 2/25/03	15337 \$70,000

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<b>Biomedical Sciences</b>				
Handa,Robert J. (1680)	Primary PI	<b>American Heart Association</b> Glucocorticoid Modulation of the Hypoxia Induced Pro-apoptotic Gene, Bnip 3	7/1/03 6/30/05 1/14/03	15001 \$40,000
Sanborn,Barbara M. (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> The Role of Trp Proteins in Myometrial Calcium Dynamics	6/1/03 5/31/04 2/25/03	15414 \$228,375
Walrond,John P (1680)	Primary PI	<b>American Heart Association</b> Distribution of Calcium Signalling Proteins at Cholinergic Synapses on Autonomic Neurons	7/1/03 6/30/06 1/8/03	14970 \$198,000
Anthony,Russell V (1680)	Primary PI	<b>HHS-NIH-Center for Scientific Review</b> Development Stage-specific Hypoxia & Lung Development	1/1/04 12/31/07 3/17/03	15432 \$1,160,000
Sanborn,Barbara M. (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Uterine Relaxing Factors: Molecular Aspects of Action	5/1/03 12/31/03 2/25/03	15413 \$87,970
Tobet,Stuart A. (1680)	Primary PI	<b>HHS-NIH-NIMH-Nat Inst of Mental Health</b> Cellular Differentiation in the Developing i Preoptic Area	1/15/03 4/30/03 3/14/03	35948 \$169,244
Seidel,George E Jr (1680)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b> Characterization of a Novel Gene Expressed in Bovine Embryos	9/1/03 8/31/06 1/13/03	14973 \$306,726
Anthony,Russell V (1680)	Co-PI			
Kovarik,Mary Cathlee (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Functional Changes in GnRH Neurons with Age & Reproductive Status	11/1/03 10/31/06 1/27/03	15046 \$456,865
Tobet,Stuart A. (1680)	Primary PI	<b>HHS-NIH-NIMH-Nat Inst of Mental Health</b> Cellular Organization in the Developing Hypothalamus	1/15/03 3/31/03 3/14/03	35947 \$30,070
Nett,Torrance M (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Role of Membrane Estrogen Receptors in Luteinizing Hormone Secretion	10/1/03 9/30/08 1/28/03	15117 \$1,450,000
Clay,Colin (1680)	Co-PI			
Walrond,John P (1680)	Primary PI	<b>Muscular Dystrophy Association, Inc.</b> Cholinergic Synapses, Calcium Regulation, & Motor Neuron Disease	7/1/03 6/30/06 1/13/03	14971 \$241,603
Tobet,Stuart A. (1680)	Primary PI	<b>HHS-NIH-NIMH-Nat Inst of Mental Health</b> Animal Models of FP-HIC & Sex Specific Responses	7/1/03 6/30/07 2/7/03	15198 \$985,477

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<b>Clinical Sciences</b>				
Macy,Dennis Warren (1678)	Primary PI	<b>AVMA-Amer Veterinary Medi Assoc Found</b>	7/1/03	15152
Whittemore,Jacquelin (1678)	Collaborator	Evaluation of the Duration & Diameter of Post-Vaccinal Masses in Cats Receiving Rabies and Feline Leukemia Virus...	6/30/04 1/30/03	\$33,534
Webb,Craig B. (1678)	Primary PI	<b>Morris Animal Foundation</b>	7/1/03	36018
Dow,Steven W. (1678)	Collaborator	Leukocyte Glutathione and Free Radical Production During Oxidative Stress in Cats	6/30/06 3/21/03	\$171,914
Orton,E Christopher (1678)	Primary PI	<b>Morris Animal Foundation</b>	7/1/03	15440
Dow,Steven W. (1678)	Collaborator	Mitral Valve Allografts in Dogs	6/30/05	\$174,753
Griffiths,Leigh G. (1678)	Collaborator		3/20/03	
Bright,Janice M. (1678)	Primary PI	<b>Morris Animal Foundation</b>	7/1/03	15437
		Noninvasive Ultrasound (Color M-Mode) Estimation of Pulmonary Vascular Resistance in Dogs	6/30/04 3/10/03	\$40,022
Turner,Anthony Simon (1678)	Primary PI	<b>Hospital for Special Surgery</b>	1/1/04	15091
Macleay,Jennifer M. (1678)	Collaborator	Cartilage Resurfacing by Molecular Engineering	12/31/08 1/22/03	\$91,498
Lana,Susan E (1678)	Primary PI	<b>Nestle Purina</b>	6/1/03	15285
		The Effects of Oral Glutamine Supplementation on Gastrointestinal Side Effects in Canine Chemotherapy Patients	5/31/04 2/27/03	\$23,499
Morley,Paul S (1678)	Primary PI	<b>Bioject, Inc.</b>	3/18/03	14842
		Bioject Needle-Free Rabies Vaccination	6/30/03 3/13/03	\$31,151
Monnet,Eric (1678)	Primary PI	<b>University of Colorado Health Sci Ctr</b>	12/1/03	15003
		Non Invasive Assessment of Ventricular Inflow Dynamics	11/30/07 1/10/03	\$271,354
Bright,Janice M. (1678)	Primary PI	<b>CardioOptics</b>	2/18/03	14988
		In Vivo Optimization of Infrared Intravascular Endoscopic Technology	2/17/04 1/10/03	\$31,523
McConnell,Sherry (1678)	Primary PI	<b>HHS-Health Resources &amp; Services Admin.</b>	8/1/03	15208
Gionfriddo,Juliet R (1678)	Co-PI	Colorado State University Vet Prep	7/31/06	\$549,890
Kogan,Lori R. (1678)	Co-PI		2/20/03	
Swetich,Kelly M. (1601)	Collaborator			
Salman,M D (1678)	Primary PI	<b>USDA-APHIS-Animal Plant Health Insp Srvc</b>	3/1/03	15042
Moore,Chester G (1681)	Co-PI	Spatial Analysis of Low Pathogenic Avian Influenza (AI) Virus Transmission & Dissemination During the Outbreak in...	2/29/04 3/13/03	\$58,746
Billinghurst,R Clark (1678)	Primary PI	<b>Morris Animal Foundation</b>	8/1/03	35963
		Skeletal Markers in the Developmental Orthopaedic Disease Osteochondrosis in the Horse	7/31/04 3/24/03	\$30,227

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<b>Clinical Sciences</b>				
Macleay, Jennifer M. (1678)	Primary PI	<b>Henry Ford Health System (Hospital)</b>	1/1/04	15074
Turner, Anthony Simon (1678)	Co-PI	Degradation & Recovery of Bone Properties with Ovariectomy & Treatment	12/31/08 1/23/03	\$540,013
Salman, M D (1678)	Primary PI	<b>USDA - US Department of Agriculture</b>	6/15/03	15190
		Enhancement of the Program for Economically Important Infectious Animal Diseases	7/1/04 2/13/03	\$598,151
Salman, M D (1678)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	9/1/03	15049
Belk, Keith (1171)	Co-PI	Effect of Transportation & Lairage on E. Coli O157 & Salmonella spp. in Beef Cattle	9/30/05 2/26/03	\$599,744
Morley, Paul S (1678)	Co-PI			
Smith, Gary C (1171)	Co-PI			
Grandin, Temple (1171)	Collaborator			
Hyatt, Doreene R. (1682)	Collaborator			
Scanga, John A. (1171)	Collaborator			
Van Metre, David C (1678)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b>	10/1/03	15022
Garry, Franklyn B (1678)	Co-PI	The Integrated Livestock Management Summer Fellowship Program	9/30/06 1/30/03	\$99,979
Callan, Robert J. (1678)	Collaborator			
Wenz, John R. (1678)	Collaborator			
Salman, M D (1678)	Primary PI	<b>University of California at Davis</b>	10/1/03	15036
		Future Leaders in Population & Food Animals Veterinary Medicine	3/31/05 1/30/03	\$25,000
Macleay, Jennifer M. (1678)	Primary PI	<b>National Osteoporosis Foundation</b>	7/1/03	15016
		Parathyroid Hormone, Osteocalcin & Vitamin-D Status in a Postmenopausal & Nutritional Model of Osteoporosis	6/30/04 1/13/03	\$56,976
Dernell, William S. (1678)	Primary PI	<b>Kensey Nash Corporation</b>	3/1/03	15125
		Development of a Novel, Multi-Depot Polymer Drug Delivery System	2/29/04 1/28/03	\$29,999
Lappin, Michael R (1678)	Primary PI	<b>Morris Animal Foundation</b>	7/1/03	35996
Whittemore, Jacquelin (1678)	Collaborator	The Association of Vaccine Administration with Renal Disease in Cats	6/30/05 3/25/03	\$92,746
Hellyer, Peter W. (1678)	Primary PI	<b>University of Missouri</b>	7/1/03	35997
		Assessment of Heart Rate Variability as a Measure of Postoperative Pain in Dogs	6/30/04 3/25/03	\$7,290
Orton, E Christopher (1678)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	1/1/04	15039
Billinghurst, R Clark (1678)	Collaborator	Xenogenic Tissue-Engineered Heart Valve	12/31/07 1/14/03	\$1,351,509
Dow, Steven W. (1678)	Collaborator			
Griffiths, Leigh G. (1678)	Collaborator			
Rinker, Kristina D. (1370)	Collaborator			
Wheeler, Donna (1374)	Collaborator			

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<b>Clinical Sciences</b>				
Turner,Anthony Simon (1678)	Primary PI	<b>OsteoBiologics, Inc.</b> Osteochondral Defect Repair Using Tissue- Engineered Composites: A Study in Sheep	5/1/03 10/31/04 3/4/03	15388 \$124,306
Lappin,Michael R (1678)	Primary PI	<b>Bayer Company</b> Efficacy of the European Formulation of Febantel/ Pyrantel/Praziquantel for Treatment of Giardiasis in Cats	5/1/03 4/30/04 3/31/03	36001 \$19,300
Gaynor,James S (1678)	Primary PI	<b>Morris Animal Foundation</b>	7/1/03	15441
Callan,Robert J. (1678)	Co-PI	Determination of Pharmacokinetics &	6/30/04	\$23,428
Hellyer,Peter W. (1678)	Co-PI	Pharmacodynamics of Morphine in Llamas	3/25/03	
Van Metre,David C (1678)	Co-PI			
Dernell,William S. (1678)	Primary PI	<b>DOD-ARMY-Military Medical Research &amp; Dev</b> Evaluation of Lymphatic Drainage & Uptake Following Intracavitary Chemotherapy	9/1/03 8/30/04 3/7/03	15425 \$108,750

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<b>Env &amp; Rad Health Sci</b>				
Bedford,Joel S (1681)	Primary PI	<b>DOE - US Department of Energy</b> Transgenerational Radiation Genetics: A Fesibility Study for use of the Japanese Medaka to Investigate Adaptive...	10/1/03 9/30/06 2/25/03	15075 \$182,633
Larue,Susan M (1681)	Primary PI	<b>Morris Animal Foundation</b>	4/1/03	15133
Gustafson,Nancy R. (1681)	Collaborator	Radiation Therapy Sandwiched with Aggressive	3/31/06	\$294,625
Lana,Susan E (1678)	Collaborator	Chemotherapy for Treatment of Canine Lymphoma	3/31/03	
Ramsdell,Howard S (1681)	Primary PI	<b>HHS-DRR-Fogarty International Center</b>	7/1/03	14748
Murray,Douglas Lynn (1784)	Collaborator	Environmental Change in a Developing Area of	6/30/05	\$267,050
Reif,John S (1681)	Collaborator	Argentina: Connections to Human Health	1/13/03	
Nuckols,John R (1681)	Primary PI	<b>Battelle, Research Park Triangle</b> Human Field Exposure Assessment Investigations- Task Order 25	3/1/03 2/28/05 1/17/03	15044 \$164,170
Ullrich,Robert L. (1681)	Primary PI	<b>DOE - US Department of Energy</b> Role of ATM & Related Proteins in DNA Damage Response	9/10/03 9/14/03 3/31/03	36065 \$22,000
Kraft,Susan L. (1681)	Primary PI	<b>AMC Cancer Research Center</b> 2-Methoxyestradiol in Prostate Cancer Management: Mechanism of Action	7/1/03 6/30/07 3/31/03	36064 \$120,424
Buchan,Roy M (1681)	Primary PI	<b>DOL-OSHA-Occupa. Safety &amp; Health Admin.</b> Occupational Health & Safety Consultation Program	10/1/02 9/30/03 3/27/03	36063 \$950,000
Yang,Raymond H (1681)	Primary PI	<b>EPA - Environmental Protection Agency</b>	3/15/03	15356
Reisfeld,Bradley (1681)	Collaborator	An Integrated Approach Using Computer Modeling & Experimental Toxicology for Cumulative Risk Assessment of Chemical..	9/15/03 2/28/03	\$99,593
Bailey,Susan M (1681)	Primary PI	<b>DOE - US Department of Energy</b> Genetic Consequences of an Isolated Double Strand Break	9/1/03 8/31/06 2/25/03	15020 \$1,247,950
Reddy,Micaela B. (1681)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	1/1/04	15089
Campaign,Julie A. (1681)	Co-PI	PBPK Modeling of the Unique Biology of Children & Babies	12/31/08 1/30/03	\$703,554
Yang,Raymond H (1681)	Co-PI			
Yang,Raymond H (1681)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	1/4/04	15134
Legare,Marie E (1681)	Collaborator	Ultralow Dose Perinatal Pharmacokinetics of PCBs in Rats	12/31/07 1/29/03	\$1,849,198
Reynolds,Stephen J. (1681)	Primary PI	<b>Pennsylvania State University</b> Realistic Respirator Cartridge Breakthrough Testing	12/1/03 11/30/06 1/28/03	15130 \$30,006
Rosecrance,John C. (1681)	Primary PI	<b>University of Iowa</b> Ergonomic Intervention in the Construction Industry	1/1/03 6/30/04 1/10/03	15007 \$56,800

**New and Competing Continuation Proposals Submitted**  
**Fiscal Year 2003 Third Quarter (January - March)**

*Vet. Medicine & Biomedical Sciences*

<b>Administering Department</b>			<b>Start Date</b>	
<b>Investigators / Collaborators</b>		<b>Sponsor</b>	<b>End Date</b>	<b>PASS #</b>
<b>(Home Department)</b>		<b>Project Title</b>	<b>Submit Date</b>	<b>\$ Amount</b>
<b>Env &amp; Rad Health Sci</b>				
Gilkey,David P. (1681)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	7/1/03	14937
Hanneman,William H (1681)	Co-PI	Chiropractic Spinal Manipulation Therapy & the	6/30/05	\$338,624
Keefe,Thomas J (1681)	Co-PI	Genetic Profile	1/30/03	
Nelson,Tracy L. (1582)	Co-PI			
Burch,James B (1681)	Collaborator			
Legare,Marie E (1681)	Collaborator			
Reynolds,Stephen J. (1681)	Primary PI	<b>Sacomanno Research Institute</b>	7/30/03	14947
		Developing Culturally Appropriate Environmental	7/29/07	\$439,448
		Risk Communication for Uranium-Impacted	1/13/03	
		Communities		
Liber,Howard L. (1681)	Primary PI	<b>University of California</b>	9/1/03	15214
		Genome-scale Mutational Analysis Following Low-	8/31/07	\$503,474
		dose Radiation Exposure	2/14/03	
Liber,Howard L. (1681)	Primary PI	<b>Massachusetts General Hospital</b>	12/1/03	14911
		Oxidative Stress, DNA Damage, & Mutagenesis	11/30/08	\$753,783
			1/13/03	
Hanneman,William H (1681)	Primary PI	<b>Institute for Science and Health</b>	7/1/03	15274
		Tobacco & Developmental Gene Expression	6/30/05	\$200,000
			2/13/03	
Borak,Thomas B (1681)	Primary PI	<b>Qualvox, Corp.</b>	5/1/03	14921
		Demonstration Prototype Detector for Fissile	10/31/03	\$35,061
		Materials	1/13/03	
Bigelow,Philip L. (1681)	Primary PI	<b>University of Colorado</b>	7/1/03	14997
Burch,James B (1681)	Co-PI	ETS Exposure Assessment Using Particle Measures	6/30/06	\$679,308
Dennison,James Eugen (0000)	Co-PI	& Biomarkers	1/14/03	
Hanneman,William H (1681)	Co-PI			
Reynolds,Stephen J. (1681)	Co-PI			
Tessari,John Domenic (1681)	Co-PI			
Rosecrance,John C. (1681)	Primary PI	<b>HHS-CDC-Centers for Disease Control</b>	1/1/03	15179
		Carpal Tunnel Syndrome Among Construction	9/29/03	\$16,200
		Workers	2/4/03	



**New and Competing Continuation Proposals Submitted**  
**Fiscal Year 2003 Third Quarter (January - March)**

*Vet. Medicine & Biomedical Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Submit Date	PASS # \$ Amount
<b>Micro, Imuno &amp; Path</b>				
Dow,Steven W. (1678)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Role of Innate Immunity in Novel Plaque Vaccines	7/1/03 6/30/07 1/30/03	15138 \$1,445,872
Schweizer,Herbert P. (1682)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Genetic Tools for Pathogenic Bacteria	12/1/03 11/30/05 1/28/03	15071 \$142,248
Turner,Joanne (1682)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Non-specific Effector Mechanisms Within the Aging Lung	12/1/03 11/30/08 1/16/03	14919 \$1,081,200
Beaty,Barry J (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b> Region VIII Research Center for Excellence for Biodefense & Emerging Infectious Diseases	8/1/03 7/30/08 1/15/03	14951 \$39,878,066
Somers,Kyra Lynn (1682)	Primary PI	<b>Pfizer Inc - Animal Health</b>	7/1/03	15092
Bamburg,James R (1870)	Collaborator	Feline Niemann-Pick C1 Disease: The Potential	6/30/04	\$50,000
Thrall,Mary Anna (1682)	Collaborator	Role of Aberrant Cholesterol Metabolism in Mitochondrial Function...	3/7/03	
Chatterjee,Delphi (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b> Structure of LAM in Relation to Biology & Biosynthesis	11/1/03 10/31/08 2/26/03	15365 \$1,482,959
McNeil,Michael R (1682)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	12/1/02	14830
Chatterjee,Delphi (1682)	Co-PI	MRD-TB Drugs: Targeting Cell Wall Synthetic	11/30/08	\$4,815,402
Crick,Dean C. (1682)	Co-PI	Enzymes	1/23/03	
Lenaerts,Anne (1682)	Co-PI			
Frank,Anthony A (2001)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b> Regional Biocontainment Laboratory	9/29/03 9/29/08 2/6/03	15303 \$22,659,000
Belisle,John T (1682)	Primary PI	<b>University of California-Los Angeles</b> Molecular Analysis of Host Immune Response in Leprosy	12/1/03 11/30/08 2/24/03	15347 \$399,198
Turner,Joanne (1682)	Primary PI	<b>Ellison Medical Foundation</b> Correlates of Susceptibility to Reactivation Tuberculosis	7/1/03 6/30/07 2/6/03	15082 \$200,000
Vandewoude,Sue (1682)	Primary PI	<b>HHS-NIH-National Institutes of Health</b> Characterization of FIV Subtypes Isolated from African Lions in the Wild	7/1/03 6/30/05 3/27/03	36012 \$81,000
Orme,Ian M (1682)	Primary PI	<b>University of Pennsylvania</b>	5/1/03	15346
Gonzalez-Juarrero,Me (1682)	Collaborator	Regulation of Dormancy in Mycobacterium Tuberculosis	4/30/04 2/26/03	\$53,672

# **Awards Received - Detail Listing**

**Fiscal Year 2003 3rd Quarter (January - March)**

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Agricultural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Agric &amp; Resource Economics</b>				
Thilmany,Dawn D. (1172)	Primary PI	<b>American Farmland Trust, Inc. (AFT)</b>	2/27/03	<b>1328</b>
Field,Thomas G (1171)	Co-PI	Niche Beef Production and Marketing in Colorado	9/30/04	15090
Scanga,John A. (1171)	Collaborator		2/27/03	\$9,336
<b>Animal Sciences</b>				
Irlbeck,Nancy A. (1171)	Primary PI	<b>Denver Zoological Foundation</b>	2/19/97	<b>5440</b>
		Development of Browse Data Base	12/31/04	
			2/27/03	\$7,000
Scanga,John A. (1171)	Primary PI	<b>CCHE-Commission on Higher Education</b>	8/9/02	<b>0108</b>
Sofos,John N (1171)	Co-PI	Bio-Waste Disposal & Utilization in Colorado	8/9/03	13201
Belk,Keith (1171)	Co-PI		3/10/03	\$59,852
Koontz,Stephen R. (1172)	Collaborator			
Umberger,Wendy J. (1172)	Collaborator			
Garry,Franklyn B (1678)	Collaborator			
Engle,Terry E. (1171)	Primary PI	<b>Alltech, Inc.</b>	3/4/03	<b>8299</b>
Scanga,John A. (1171)	Co-PI	Ranch to Rail Mineral Nutrition	1/1/05	15041
Belk,Keith (1171)	Co-PI		3/28/03	\$60,000
Smith,Gary C (1171)	Co-PI			
Burns,Patrick D. (1171)	Co-PI			
Lamm,W Dennis (1171)	Primary PI	<b>Utah State University</b>	10/1/02	<b>1309</b>
		State Level Professional Development	12/31/03	13466
			3/26/03	\$10,000
Scanga,John A. (1171)	Primary PI	<b>Natl Cattlemen's Beef Association</b>	12/1/02	<b>5306</b>
Sofos,John N (1171)	Co-PI	Cataloging Beef Muscles: Will They Perform for	5/31/03	14692
Belk,Keith (1171)	Co-PI	Consumers?	2/5/03	\$31,407
Smith,Gary C (1171)	Co-PI			
Johnson,Donald E (1171)	Primary PI	<b>EPA - Environmental Protection Agency</b>	9/30/02	<b>5845</b>
		Developing Methodology to Estimate Greenhouse	12/31/03	14560
		Gas Emissions from Livestock Production Systems	1/17/03	\$25,000
		in Developing...		

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Agricultural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Bioagricultural Sci &amp; Pest Mgmt</b>				
McDonald,Sandra K (1177)	Primary PI	<b>University of California at Davis</b> Colorado Pest Management Center	1/1/01 9/14/03 3/24/03	<b>1368</b> 10798 \$33,333
Hammon,Robert W (3046)	Primary PI	<b>Utah State University</b>	7/1/02	<b>1317</b>
Larsen,Harold J Jr (3046)	Collaborator	Extending Irrigated Alfalfa Stand Life by Alteration	12/31/05	12449
Sharp,Rodney L (4040)	Collaborator	of Late-Season Harvest Schedules	2/19/03	\$20,685
Smith,Kenneth W (4040)	Collaborator			
Cooley,Aubrey Wayne (4040)	Collaborator			
Stack,Mark W. (3050)	Collaborator			
Hooten,Thomas M. (3050)	Collaborator			
Peairs,Frank B (1177)	Primary PI	<b>USDA-ARS-Agricultural Research Service</b>	10/1/01	<b>2184</b>
Peterson,Gary (1374)	Co-PI	Biologically Intensive Areawide Integrated Pest	9/30/06	13287
Holtzer,Thomas O (1177)	Co-PI	Management of Russian Wheat Aphid & Greenbug	1/6/03	\$31,375
Schwartz,Howard F (1177)	Primary PI	<b>Colorado Dry Bean Admin. Committee</b> Dry Bean Integrated Pest Management & Technology Transfer	1/1/98 12/31/03 3/31/03	<b>5396</b> 13398 \$10,000
Schwartz,Howard F (1177)	Primary PI	<b>University of Idaho</b> Introgressing White Mold Resistance for the Secondary Gene Pool of Common Bean	6/1/02 5/31/04 2/10/03	<b>2202</b> 14667 \$7,800
Bjostad,Louis B (1177)	Primary PI	<b>Colorado Department of Agriculture</b> Silver Y Moth Survey	2/20/03 3/31/03 3/24/03	<b>0044</b>  \$3,300
Nissen,Scott J (1177)	Primary PI	<b>Colorado Dry Bean Admin. Committee</b> Weed Control in Dry Bean	7/1/98 12/31/03 3/31/03	<b>5624</b> 13400 \$5,000
Brown,Cynthia S (1177)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b> Effects of Species & Functional Diversity on Invasions in Grasslands	7/1/02 10/31/03 2/7/03	<b>1423</b> 14102 \$25,918
<b>Horticulture &amp; Landscape Arch</b>				
Thompson,Henry J. (1173)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b>	7/21/00	<b>7886</b>
Wallner,Stephanie Jo (0000)	Co-PI	Selenium and Lung Cancer Risk	6/30/04 2/4/03	14028 \$204,282
Caspari,Horst W. (1173)	Primary PI	<b>Colorado Department of Agriculture</b> Viticulture & Enology Programs for the Colorado Wine Industry	4/1/02 6/30/03 1/9/03	<b>0551</b>  \$75,000
Zink,Richard T (1173)	Primary PI	<b>Utah State University</b>	8/15/00	<b>1372</b>
Dillon,Merlin A (4040)	Co-PI	Utilization of Compost Made from Agricultural &	12/31/03	573
Thompson,Asunta L (3043)	Co-PI	Forestry Wastes for Improving the Economic & Ecological...	2/27/03	\$50,295

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Agricultural Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Soil &amp; Crop Sciences</b>				
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1388</b>
Welker,Jeffrey (1499)	Co-PI	Consortium for Agricultural Mitigation of	8/31/04	13387
Conant,Richard T. (1499)	Co-PI	Greenhouse Gases: Colorado State University, Task	1/24/03	\$272,996
Peterson,Gary A (1170)	Co-PI	2		
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1389</b>
		Consortium for Agricultural Mitigation of	8/31/04	13388
		Greenhouse Gases: Colorado State University, Task	1/24/03	\$336,859
		3		
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1390</b>
Ojima,Dennis (1499)	Co-PI	Consortium for Agricultural Mitigation of	8/31/04	13389
Parton,William J. (1499)	Co-PI	Greenhouse Gases: Colorado State University, Task	1/24/03	\$171,096
Kelly,Eugene F (1170)	Co-PI	4		
Davis,Jessica G. (1170)	Primary PI	<b>Utah State University</b>	7/1/02	<b>2225</b>
Thilmany,Dawn D. (1172)	Co-PI	Establishing Dialogue Between Alternative	12/31/04	12491
Card,Adrian (1173)	Co-PI	Agriculture Producers & the Land-Grant University	3/28/03	\$24,980
Lamm,W Dennis (1171)	Co-PI	in Colorado		
Hine,Susan E (1172)	Co-PI			
Schutter,Mary E. (1170)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/11/03	<b>8708</b>
		Microbial Ecology of Fire-Affected Soil	5/31/06	14060
			3/21/03	\$134,334
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1391</b>
Ojima,Dennis (1499)	Co-PI	Consortium for Agricultural Mitigation of	8/31/04	13390
Conant,Richard T. (1499)	Co-PI	Greenhouse Gases: Colorado State University,	1/24/03	\$48,346
Parton,William J. (1499)	Co-PI	Task 5		
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1397</b>
Six,Johan W (1499)	Co-PI	Consortium for Agricultural Mitigation of	8/31/04	13344
Paul,Eldor A (1499)	Co-PI	Greenhouse Gases: Colorado State University	1/24/03	\$29,999
		(Administrative)		
Paustian,Keith H. (1170)	Primary PI	<b>Kansas State University</b>	3/1/02	<b>1387</b>
Six,Johan W (1499)	Co-PI	Consortium for Agricultural Mitigation of	8/31/04	13344
Paul,Eldor A (1499)	Co-PI	Greenhouse Gases: Colorado State University, Task	1/24/03	\$116,216
		I		
Quick,James S. (1170)	Primary PI	<b>USDA-ARS-Agricultural Research Service</b>	10/1/02	<b>8005</b>
		Seed Viability & Storage Research	9/30/03	
			2/10/03	\$8,674

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Applied Human Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Dean Of Applied Human Sciences</b>				
Asmus, Cheryl L (1501)	Primary PI	<b>Family Resource Center Association Inc.</b>	1/21/03	<b>7151</b>
		Outcome Evaluation of Colorado's Family Resource Center Association & Its Participating Centers	2/28/04	14894
			2/19/03	\$36,010
Thayer, Marilyn L (1501)	Primary PI	<b>US Dept Housing &amp; Urban Development</b>	12/1/02	<b>1002</b>
		Colorado State University Community Organizing to Reach Empowerment (CORE) Center	10/15/05	13914
			1/29/03	\$396,704
<b>Dept Of Health &amp; Exercise Sci</b>				
Reiser, Raoul F. (1582)	Primary PI	<b>HHS-CDC-Centers for Disease Control</b>	9/30/02	<b>7803</b>
		Floor Slope Effects on Lifting Kinematics & Kinetics	9/29/03	14294
			3/10/03	\$35,798
<b>Food Science &amp; Human Nutrition</b>				
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0053</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (Nutrition Network - ON CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$1,151,819
Hoxmeier, John A (1277)	Collaborator			
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0056</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (FSNEP Adult - OFF CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$690
Hoxmeier, John A (1277)	Collaborator			
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0052</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (FSNEP Adult - OFF CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$803,867
Hoxmeier, John A (1277)	Collaborator			
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0054</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (Nutrition Network - OFF CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$87,878
Hoxmeier, John A (1277)	Collaborator			
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0055</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (Alternative Ed Strategies - ON CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$129,091
Hoxmeier, John A (1277)	Collaborator			
Anderson, Jennifer E (1571)	Primary PI	<b>Colorado Department of Human Service</b>	10/1/02	<b>0051</b>
De Miranda, Michael A (1584)	Collaborator	Nutrition Education Plan 2002-2003 (FSNEP Adult - ON CAMPUS)	9/30/03	
Middlemist, R Dennis (1275)	Collaborator		2/17/03	\$251,780
Hoxmeier, John A (1277)	Collaborator			

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Applied Human Sciences*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Human Dev &amp; Family Studies</b>				
Fidler, Deborah (1570)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	6/1/03	<b>4588</b>
		Cognitive Strengths & Weaknesses in Down Syndrome	5/31/05 3/25/03	13920 \$69,233
<b>Mfg Tech &amp; Constr Mgmt</b>				
De Miranda, Michael A (1584)	Primary PI	<b>Ohio State University</b>	9/1/02	<b>3440</b>
		Technology Teacher Inservice Education	8/31/03 2/14/03	12237 \$46,929
De Miranda, Michael A (1584)	Primary PI	<b>Ohio State University</b>	9/1/02	<b>3441</b>
		Technology Teacher Inservice Education	8/31/03 2/14/03	12237 \$43,098
<b>Occupational Therapy</b>				
Sample, Pat L (1573)	Primary PI	<b>HHS-CDC-Centers for Disease Control</b>	9/17/02	<b>4426</b>
		Traumatic Brain Injury Information Linkage Pilot Project #2	7/31/03 2/17/03	14445 \$25,000

**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Business*

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<b>Administering Department</b>			<b>Start Date</b>	<b>Proj #</b>
<b>Investigators / Collaborators</b>		<b>Sponsor</b>	<b>End Date</b>	<b>PASS #</b>
<b>(Home Department)</b>		<b>Project Title</b>	<b>Award Date</b>	<b>\$ Amount</b>
<b>Computer Information Systems</b>				
Smith, Charles A.P. (1277)	Primary PI	<b>DOD-NAVY-ONR-Office of Naval Research</b>	3/1/02	<b>2315</b>
Young, Peter (1373)	Co-PI	Multi-Modal Support for Augmented Cognition	9/30/06	12206
Clegg, Benjamin A. (1876)	Co-PI		3/12/03	\$81,874

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**Awards Received**  
**Fiscal Year 2003 3rd Quarter (January - March)**

*Engineering*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Atmospheric Science</b>				
Cotton,William R (1371)	Primary PI	<b>NSF-GEO-Geosciences</b>	7/1/99	<b>3588</b>
		Numerical Simulation & Analysis of Mesoscale Convective Systems & Severe Storms	12/31/03	990628
			3/21/03	\$78,320
Montgomery,Michael T (1371)	Primary PI	<b>NSF - National Science Foundation</b>	4/1/02	<b>3259</b>
Nolan,David S (1371)	Co-PI	Fully Three-dimensional Stability Analyses & Evolution of Hurricanes & Tornadoes with Secondary Circulations	3/31/04	13039
			2/24/03	\$155,728
Montgomery,Michael T (1371)	Primary PI	<b>NSF - National Science Foundation</b>	5/15/01	<b>3249</b>
		Tropical Cyclogenesis via Non-Axisymmetric Upscale Energy Cascade & Its Disruption by Vertical Shear	4/30/07	10418
			2/24/03	\$151,703
Rutledge,Steven A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	7/1/00	<b>1972</b>
		Analysis of Data from Tropical Rainfall Measuring Mission to validate Tropical Rainfall Measuring Mission...	11/30/03	620
			3/17/03	\$64,939
Rutledge,Steven A (1371)	Primary PI	<b>NSF - National Science Foundation</b>	3/1/01	<b>3210</b>
Petersen,Walter A (1371)	Co-PI	Shipboard Radar Observations of Precipitating Convection in EPIC 2001	2/28/04	1223
Cifelli,Robert C. (1371)	Co-PI		1/17/03	\$171,583
Denning,A Scott (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	3/15/03	<b>1952</b>
		Spatial Integration of Regional Carbon Balance in Amazonia	3/14/06	13214
			3/27/03	\$201,600
Kreidenweis-Dandy,So (1371)	Primary PI	<b>NSF - National Science Foundation</b>	12/1/01	<b>3225</b>
Demott,Paul J (1371)	Co-PI	Single-particle Mass Spectroscopy of Ice Nucleating Particles	11/30/03	11435
			1/15/03	\$40,144
Randall,David A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	12/1/01	<b>1931</b>
Eitzen,Zachary A (1371)	Collaborator	Comparison of Cloud Resolving Model Simulations to Remote Sensing Data	11/30/03	12541
			2/13/03	\$25,000
Kummerow,Christian D (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	3/15/02	<b>1963</b>
		Risk Mitigation Studies for Evolving Data & Information Systems Related to Rainfall Missions	3/14/05	12641
			3/25/03	\$200,000
Randall,David A (1371)	Primary PI	<b>NASA-Langley Research Center</b>	11/1/98	<b>1968</b>
		Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	8/15/03	990221
			3/6/03	\$167,340
Randall,David A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	12/1/01	<b>1931</b>
Eitzen,Zachary A (1371)	Collaborator	Comparison of Cloud Resolving Model Simulations to Remote Sensing Data	11/30/03	12541
			3/5/03	\$62,662
Kummerow,Christian D (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	6/15/02	<b>1928</b>
		Rainfall & Convective Rain System Structure Deduced from AMSR Observations	6/14/05	13320
			2/13/03	\$80,000

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<b>Atmospheric Science</b>				
Pielke,Roger A (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	2/15/02	<b>1926</b>
Liston,Glen E (1371)	Co-PI	Multiscale Convergence of Cold Land Process Representation in Land Surface Models, Microwave Remote Sensing, & ...	2/14/05 3/31/03	10556 \$87,199
Cifelli,Robert C. (1371)	Primary PI	<b>Various "Non-Profit" Sponsors</b>	2/1/03	<b>7152</b>
Rutledge,Steven A (1371)	Co-PI	CoCoRaHS Charter Members Cost Share	12/31/05	
Doesken,Nolan J (1371)	Co-PI		2/24/03	\$75
Randall,David A (1371)	Primary PI	<b>NASA-Langley Research Center</b>	11/1/98	<b>1968</b>
		Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	8/15/03 1/30/03	990221 \$50,138
Cifelli,Robert C. (1371)	Primary PI	<b>Various "Non-Profit" Sponsors</b>	2/1/03	<b>7152</b>
Rutledge,Steven A (1371)	Co-PI	CoCoRaHS Charter Members Cost Share	12/31/05	
Doesken,Nolan J (1371)	Co-PI		2/26/03	\$100
Stephens,Graeme L (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	1/1/02	<b>1951</b>
		Toward Understanding Lifecycle of Tropical Cirrus	12/31/03 1/7/03	11878 \$108,000
Stephens,Graeme L (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	5/17/99	<b>1997</b>
		Algorithm and Instrument Support Activities for CALIPSO	5/16/03 3/11/03	990385 \$25,000
Stephens,Graeme L (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	9/1/01	<b>1939</b>
		Validation & Enhancement of AMSR-E Cloud & Precipitation Products	8/31/04 2/24/03	2445 \$61,401
Kummerow,Christian D (1371)	Primary PI	<b>NASA - Natl Aeronautics &amp; Space Admin.</b>	3/15/02	<b>1963</b>
		Risk Mitigation Studies for Evolving Data & Information Systems Related to Rainfall Missions	3/14/05 2/11/03	12641 \$35,000
<b>Chemical Engineering</b>				
Murphy,Vincent G (1370)	Primary PI	<b>NSF - National Science Foundation</b>	4/15/02	<b>3062</b>
BHADRA,RAJIV (0000)	Co-PI	REU - Chemical Engineering Using the Colorado Bioprocessing Center	3/31/04 3/27/03	12345 \$73,665
Linden,James C (1682)	Co-PI			
Henk,Linda L. (1370)	Co-PI			
Batt,Brian C (1370)	Co-PI			
Wickramasinghe,Ranil (1370)	Co-PI			
Karim,M Nazmul (1370)	Co-PI			
Rinker,Kristina D. (1370)	Co-PI			
Wickramasinghe,Ranil (1370)	Primary PI	<b>NSF - National Science Foundation</b>	2/1/03	<b>3030</b>
		REU Site: Research Experience for Undergraduates Supplement to CAREER Award	5/31/04 1/21/03	14316 \$12,000
Rinker,Kristina D. (1370)	Primary PI	<b>Whitaker Foundation</b>	1/1/02	<b>5202</b>
		Evaluation of Shear Stress Induced Endothelial Cell Dysfunction	12/31/04 1/23/03	10892 \$80,000

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<b>Cira</b>				
Wang,Ning (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	4/17/02	<b>1156</b>
Knaff,John A (1375)	Co-PI	Development of Efficient Satellite Data Compression Techniques: Transmission of GOES Imagery to the NOAA...	6/30/06 3/31/03	12613 \$30,000
Knaff,John A (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	3/4/03	<b>1165</b>
Grasso,Lewis O (1375)	Co-PI	Development & Evaluation of Geostationary Operational Environmental Satellites & Polar Operational ...	6/30/06 3/14/03	14857 \$197,000
Kidder,Stanley Q (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	3/4/03	<b>1167</b>
Jones,Andrew S (1375)	Co-PI	CIRA's Cross-Sensor Products for Improved Weather Analysis and Forecasting	6/30/06 3/25/03	14804 \$125,000
Matsumoto,Clifford R (1375)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	10/1/01	<b>1132</b>
		CIRA Activities & Participation in National Geophysical Data Center Data Repository, Processing & Management	6/30/06 3/14/03	11106 \$44,347
Vonderhaar,Thomas H (1371)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	7/1/01	<b>1137</b>
Frisch,Alfred S (1375)	Co-PI	Air-Sea Interaction Remote Sensing Processes	6/30/06 2/4/03	\$28,705
Vonderhaar,Thomas H (1371)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	7/1/01	<b>1144</b>
		Environmental Applications Research Project	6/30/06 3/14/03	12144 \$976,197
Vonderhaar,Thomas H (1371)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	7/1/01	<b>1149</b>
		Enhanced Communications at CIRA for the Development of Real-time Evaluation of Advanced Microwave Sounder ...	6/30/06 2/4/03	11326 \$50,000
Vonderhaar,Thomas H (1371)	Primary PI	<b>DOC-NOAA-Natl Oceanic &amp; Atmospheric Adm</b>	3/4/02	<b>1153</b>
		CIRA Activities & Participation in the GOES I-M Product Assurance Plan	6/30/06 3/14/03	\$375,000

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Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Civil Engineering</b>				
Sale, Thomas C (1372)	Primary PI	<b>DOD - US Department of Defense</b> Sequential Electrolytic Degradation of Energetic Compounds in Groundwater	7/1/01	<b>2348</b>
			3/1/04	10963
			2/20/03	\$51,000
Loftis, Jim C (1372)	Primary PI	<b>DOI-NPS-National Park Service</b> Guidance & Technical Support to the Natural Resource Program Center	1/1/03	<b>1707</b>
			9/30/04	
			2/25/03	\$286,493
Watson, Chester C (1372)	Primary PI	<b>DOD-ARMY</b>	2/4/03	<b>2528</b>
Carlson, Kenneth H (1372)	Co-PI	DEC Monitoring 2003	9/30/03	14163
			2/6/03	\$10,000
Labadie, John W (1372)	Primary PI	<b>DOI-Bureau of Reclamation</b> MODSIM Enhancement and Maintenance	1/28/03	<b>4158</b>
			9/30/04	
			2/19/03	\$24,000
Gates, Timothy K (1372)	Primary PI	<b>DOI-Bureau of Reclamation</b>	4/27/99	<b>2800</b>
Labadie, John W (1372)	Co-PI	Identification, Public Awareness, & Solution of Waterlogging & Salinity in the Arkansas River Valley	9/30/03	990639
			3/27/03	\$40,000
Fontane, Darrell G (1372)	Primary PI	<b>DOI-Bureau of Reclamation</b> Intergovernmental Personnel Agreement Assignment for Darrell Fontane	9/20/02	<b>4160</b>
			9/30/05	
			2/28/03	\$20,000
Loftis, Jim C (1372)	Primary PI	<b>DOI-NPS-National Park Service</b> Inventorying & Monitoring National Resources Status & Trends in National Park Service	3/1/03	<b>4161</b>
			9/30/04	
			3/3/03	\$619,472
Salas, Jose D (1372)	Primary PI	<b>DOI-Bureau of Reclamation</b> Intergovernmental Personnel Act Assignment for Jose D. Salas	1/31/03	<b>4164</b>
			9/15/03	
			3/11/03	\$15,000
Thornton, Christopher (1372)	Primary PI	<b>McLaughlin Water Engineering, LTD</b> American River Model Study	3/1/03	<b>6031</b>
			9/1/03	15105
			3/7/03	\$300,400
Garcia, Luis (1372)	Primary PI	<b>DOE - US Department of Energy</b> Framework for Decision Support System for Rocky Flats	4/15/01	<b>3809</b>
			12/31/06	11274
			2/28/03	\$15,000
Heyliger, Paul R (1372)	Primary PI	<b>NSF - National Science Foundation</b>	3/1/03	<b>3316</b>
Bienkiewicz, Bogusz J (1372)	Collaborator	REU Site: Studies in Vibration & Sound	2/28/06	13899
Leisure, Robert G (1875)	Collaborator		3/6/03	\$97,441
Radford, Donald W (1374)	Collaborator			
Watson, Chester C (1372)	Primary PI	<b>DOD-ARMY</b>	2/4/03	<b>2528</b>
Carlson, Kenneth H (1372)	Co-PI	DEC Monitoring 2003	9/30/03	14163
			3/24/03	\$526,559

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<b>Elec. &amp; Computer Engineering</b>				
Lear, Kevin (1373)	Primary PI	<b>GIT-Georgia Institute of Technology</b>	7/1/00	<b>2617</b>
Wilmsen, Carl W (1373)	Co-PI	Center for Bio Optoelectronic Sensor Systems	9/30/04	2052
			3/25/03	\$119,924
Siegel, Howard Jay (1373)	Primary PI	<b>DOD-NAVY-ONR-Office of Naval Research</b>	3/15/03	<b>2307</b>
		The 12th Workshop on Heterogeneous Computing: HCW 2003	12/31/03	14820
			3/7/03	\$6,587
Wilmsen, Carl W (1373)	Primary PI	<b>NSF - Engineering Grant</b>	6/1/99	<b>3568</b>
Mitkas, Pericles A (1373)	Co-PI	Vertical Cavity Surface Emitting Laser (VCSEL) Based Free-Space Processing System for a Biomolecular Database Scanner	5/31/03	990589
			2/13/03	\$249,998
Azimi-Sadjadi, Mahmoo (1373)	Primary PI	<b>Hewlett Packard *</b>	9/1/01	<b>6026</b>
		Relevance Feedback	1/31/04	11320
			2/20/03	\$69,672
<b>Mechanical Engineering</b>				
Wilbur, Paul J (1374)	Primary PI	<b>NASA-Lewis Research Center</b>	1/23/96	<b>1927</b>
		Advanced Electric Propulsion Research	9/30/03	
			1/24/03	\$20,000
Edwards, Harry W (1374)	Primary PI	<b>DOE - US Department of Energy</b>	9/1/02	<b>3838</b>
		Colorado State University Industrial Assessment Center	11/30/06	13577
			3/21/03	\$50,000
Wilbur, Paul J (1374)	Primary PI	<b>University of Colorado</b>	2/1/01	<b>2711</b>
		Space Grant College & Fellowship Programs	8/31/03	11115
			2/10/03	\$6,000
Williams, John D. (1374)	Primary PI	<b>Calif. Inst. of Tech/Jet Propulsion Lab</b>	2/26/03	<b>2701</b>
Wilbur, Paul J (1374)	Co-PI	NEXIS Gridlet Research	2/25/04	15211
			3/7/03	\$8,000

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*Liberal Arts*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Art</b>				
Frickman,Linda G (1770)	Primary PI	<b>Colorado Council on the Arts &amp; Humanitie</b>	2/14/03	<b>0045</b>
		13th Colorado International Invitational Poster	12/31/03	13522
		Exhibition	3/31/03	\$4,450
<b>Economics</b>				
Kling,Robert W (1771)	Primary PI	<b>USDA - US Department of Agriculture</b>	6/1/02	<b>2148</b>
		Improved Economic Methods for Wildlife	5/31/03	11638
		Management Assessment	1/30/03	\$114

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*Natural Resources*

Administering Department Investigators / Collaborators (Home Department)		Sponsor Project Title	Start Date End Date Award Date	Proj # PASS # \$ Amount
<b>Cemml</b>				
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> GIS Support for Endangered Species Management at Fort Stewart, Georgia	1/1/03 12/31/03 1/9/03	<b>8926</b> 14908 \$71,968
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Technical Support for Agricultural Outlease Program at Fort Campbell, Kentucky	3/1/03 2/29/04 1/15/03	<b>8927</b> 14926 \$27,000
Shaw,Robert B (1490) Bagley,Calvin F (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Nepa Program Management Support for NGB-ARB	4/1/03 2/28/04 3/31/03	<b>8954</b> 35989 \$53,505
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Technical Support for Agricultural Outlease Program at Fort Campbell, Kentucky	3/1/03 2/29/04 2/4/03	<b>8927</b> 14926 \$31,500
Shaw,Robert B (1490) Warren,Steven D (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> On-Site Environmental Management and Forest Support for Fort McClellan, Alabama Army National Guard	1/7/03 6/30/03 1/28/03	<b>8928</b>  \$64,800
Shaw,Robert B (1490) Warren,Steven D (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Fish & Wildlife Biology Program Technical Support Fort Campbell, Kentucky	2/1/03 1/31/04 2/4/03	<b>8929</b> 15054 \$107,475
Shaw,Robert B (1490) Doe,William W (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Technical Support for sustainable Range Program, Headquarter, Department of the Army, G-3	1/1/03 1/31/04 1/9/03	<b>8925</b> 14824 \$157,500
Shaw,Robert B (1490) Bagley,Calvin F (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> GIS Program Management Support for Real Property	1/22/03 1/15/04 2/18/03	<b>8932</b> 15115 \$90,000
Shaw,Robert B (1490) Zeidler,James A (1490)	Primary PI Co-PI	<b>DOD-ARMY</b> Data Recovery Mitigation Test Project at Fort Hood, Texas	9/15/02 12/31/03 3/13/03	<b>2390</b> 14308 \$24,087
Shaw,Robert B (1490) Bagley,Calvin F (1490)	Primary PI Co-PI	<b>DOD-ARMY</b> Natural Resources Support to Meet Sikes Act Requirements SOW 03-08	2/1/03 9/30/06 3/25/03	<b>2474</b> 15181 \$42,356
Shaw,Robert B (1490) Brozka,Robert J (1490)	Primary PI Co-PI	<b>DOD-ARMY-Fort Drum, New York</b> Wildlife Monitoring & Support of the Fish & Wildlife Program at Fort Drum, NY OFF CAMPUS	4/19/03 10/31/03 3/14/03	<b>2487</b> 15102 \$24,861
Shaw,Robert B (1490) Zeidler,James A (1490)	Primary PI Co-PI	<b>DOD-ARMY</b> Cultural Resources Management Assistance to Fort Hood, Texas OFF CAMPUS	8/1/02 7/30/04 2/19/03	<b>2395</b> 13808 \$139,291
Shaw,Robert B (1490) Bagley,Calvin F (1490)	Primary PI Co-PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Army National Guard GIS Program Support	1/10/03 12/31/03 2/4/03	<b>8930</b> 15026 \$72,000

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<b>Cemml</b>				
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	2/10/03	<b>2408</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Survey Support for Fort Drum, New York	12/30/05 3/31/03	15311 \$376
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	2/1/03	<b>2475</b>
Bagley,Calvin F (1490)	Co-PI	Natural Resources Support to Meet Sike Act Requirements-off campus	9/30/06 3/21/03	15181 \$607,644
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	3/4/03	<b>2484</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Management Assistance to Fort Knox, KY - ON CAMPUS	9/30/03 3/11/03	13808 \$4,628
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	3/4/03	<b>2485</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Management Assistance to Fort Knox, KY - OFF CAMPUS	9/30/03 3/11/03	13808 \$65,749
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	3/1/03	<b>2446</b>
Brozka,Robert J (1490)	Co-PI	Forest Management Support at Fort Drum, NY - OFF CAMPUS	12/31/05 3/10/03	1185 \$49,860
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	3/1/03	<b>2445</b>
Brozka,Robert J (1490)	Co-PI	Forest Management Support at Fort Drum, New York - ON CAMPUS	12/31/05 3/10/03	1185 \$5,140
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	2/1/03	<b>2417</b>
Bagley,Calvin F (1490)	Co-PI	Integrated Training Area Management Support for Alaska SOW 03-03	9/30/06 2/28/03	15096 \$469,395
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	2/1/03	<b>2416</b>
Bagley,Calvin F (1490)	Co-PI	Integrated Training Area Management Support for Alaska SOW 03-03	9/30/06 2/28/03	15096 \$30,605
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	12/1/02	<b>8924</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Program Support for Fort Leonard Wood, Missouri	11/30/04 1/9/03	14710 \$166,500
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	2/10/03	<b>2409</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Survey Support for Fort Drum, New York	12/30/05 2/27/03	15311 \$181,241
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Lewis, Washington</b>	3/17/03	<b>2489</b>
Jones,David S (1490)	Co-PI	Yakima Training Center Land Condition Trend Analysis Support - Off Campus	3/31/04 3/31/03	35971 \$11,055
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	2/10/03	<b>2408</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Survey Support for Fort Drum, New York	12/30/05 2/27/03	15311 \$18,759
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	1/28/03	<b>2404</b>
Bagley,Calvin F (1490)	Co-PI	Natural Resources Support to Meet Sikes Act Requirements SOW 03-08	9/30/06 2/26/03	12401 \$281,095



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<b>Cemml</b>				
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	1/28/03	<b>2403</b>
Bagley,Calvin F (1490)	Co-PI	Natural Resources Support to Meet Sikes Act Requirements SOW 03-08	9/30/06 2/26/03	12401 \$18,905
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Forest Research</b>	1/1/03	<b>8709</b>
Bagley,Calvin F (1490)	Co-PI	Land-Use/Land-Cover Analysis of Greneda for IITF	9/30/05 3/28/03	15006 \$44,000
Shaw,Robert B (1490)	Primary PI	<b>USDA - US Department of Agriculture</b>	9/24/01	<b>8799</b>
Bagley,Calvin F (1490)	Co-PI	Digitizing Historical Land-Use/Land Coverage Maps of Puerto Rico	9/30/05 3/28/03	12314 \$25,300
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Lewis, Washington</b>	3/17/03	<b>2488</b>
Jones,David S (1490)	Co-PI	Yakima Training Center Land Condition Trend Analysis Support - Off campus	3/31/04 3/31/03	35971 \$29,145
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	9/23/02	<b>8901</b>
Bagley,Calvin F (1490)	Co-PI	Technical Support for Threatened & Endangered Species, Wildlife, & Related NR Research, USA-CERL	11/30/03 2/25/03	902 \$21,600
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	2/10/03	<b>2409</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Survey Support for Fort Drum, New York	12/30/05 3/31/03	15311 \$9,624
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	2/20/03	<b>8950</b>
Bagley,Calvin F (1490)	Co-PI	In-Situ Wind Erosion Research at Pohakuloa Training Area, Hawaii	9/30/03 3/26/03	15397 \$18,000
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	4/1/03	<b>8939</b>
		Phase I Inventory and Phase II Evaluation of Archaeological Sites for Ft. McCoy WI	6/30/04 3/10/03	15294 \$49,500
Shaw,Robert B (1490)	Primary PI	<b>Calibre Systems, Inc.</b>	2/5/02	<b>2664</b>
Bagley,Calvin F (1490)	Co-PI	ITAM and Geographical Information System Regional Support Center	3/14/03 2/10/03	564 \$8,700
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/1/03	<b>8948</b>
Warren,Steven D (1490)	Co-PI	Erosion Control Management Plan for CMTC Hohenfels, Germany	2/28/04 3/26/03	15380 \$105,388
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	9/1/03	<b>8941</b>
Brozka,Robert J (1490)	Co-PI	Forest Management Support at Fort Campbell, Kentucky	8/30/04 3/21/03	15310 \$180,000
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	4/19/03	<b>2486</b>
Brozka,Robert J (1490)	Co-PI	Wildlife Monitoring & Support of the Fish & Wildlife Program at Fort Drum, NY ON CAMPUS	10/31/03 3/14/03	15102 \$4,237
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	2/26/03	<b>8938</b>
Bagley,Calvin F (1490)	Co-PI	Geographic Information System Services for Montana Army National Guard	2/28/04 3/10/03	15196 \$66,025

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<b>Cemml</b>				
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	4/1/03	<b>8942</b>
Zeidler,James A (1490)	Co-PI	Cultural Resources Support for Fort Bragg, North Carolina	3/31/04 3/21/03	15312 \$397,192
Shaw,Robert B (1490)	Primary PI	<b>Calibre Systems, Inc.</b>	2/5/02	<b>2664</b>
Bagley,Calvin F (1490)	Co-PI	ITAM and Geographical Information System Regional Support Center	3/14/03 1/27/03	564 \$59,340
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	4/1/03	<b>8943</b>
Bagley,Calvin F (1490)	Co-PI	GIS Program Management Support for National Guard Bureau Army Environmental Program	2/15/04 3/21/03	15308 \$193,500
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/17/03	<b>8949</b>
Doe,William W (1490)	Co-PI	Technical Support for Environmental Management for US Army: RMA/SMCC/PCD, Colorado	8/31/03 3/26/03	15382 \$88,634
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	7/1/03	<b>8944</b>
Brozka,Robert J (1490)	Co-PI	ITAM Program Support for US Army Hawaii	6/30/05 3/31/03	15352 \$387,000
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	9/1/03	<b>8945</b>
Brozka,Robert J (1490)	Co-PI	Integrated Training Area Management Program Support for Fort Polk, Louisiana	9/30/06 3/24/03	15353 \$408,600
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	2/24/03	<b>8946</b>
Brozka,Robert J (1490)	Co-PI	Integrated Asbestos & Lead Management Study of Army Industrial, Commercial & Office Facilities, Oahu, HA	2/23/04 3/21/03	15343 \$69,012
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/1/03	<b>8947</b>
Zeidler,James A (1490)	Co-PI	Technical Support for Developing Automated Source Code Routines, USA-CERL	4/30/03 3/25/03	15381 \$3,285
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/1/03	<b>8951</b>
Brozka,Robert J (1490)	Co-PI	Integrated Asbestos and Lead Management Study, Island of Oahu	2/28/04 3/31/03	35961 \$76,187
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/3/03	<b>8952</b>
Bagley,Calvin F (1490)	Co-PI	Field Data Collection Site Recovery Studies Research for USA-CERL	12/31/03 3/31/03	15415 \$26,820
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Lewis, Washington</b>	3/1/03	<b>2598</b>
Brozka,Robert J (1490)	Co-PI	Fort Lewis Land Rehabilitation and Maintenance Support - On Campus	1/31/04 3/31/03	15332 \$12,827
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	1/22/03	<b>8933</b>
Bagley,Calvin F (1490)	Co-PI	Research to Assist in the Characterization of Indiana Bat Maternity Habitat	7/31/04 2/18/03	15120 \$54,000
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/17/03	<b>8937</b>
		Threatened and Endangered Species Management Fort McCoy, Wisconsin	8/31/05 3/3/03	15209 \$62,550

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<b>Cemml</b>				
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	2/17/02	<b>8936</b>
		Exotic Plant Species and Wildlife Habitat	9/30/04	15167
		Management on Fort McCoy, Wisconsin	2/19/03	\$135,000
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	2/1/03	<b>8935</b>
Brozka,Robert J (1490)	Co-PI	Integrated Training Area Management Program	1/31/04	15161
		Support at Fort Hunter Liggett, California	2/17/03	\$190,191
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	1/15/03	<b>2530</b>
Brozka,Robert J (1490)	Co-PI	Integrated Training Area Management Field	9/30/04	15027
		Support at Fort Drum, New York ON CAMPUS	3/14/03	\$55,619
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Drum, New York</b>	1/15/03	<b>2531</b>
Brozka,Robert J (1490)	Co-PI	Integrated Training Area Management Program	9/30/04	15027
		Field Support at Fort Drum, New York OFF	3/14/03	\$395,419
		CAMPUS		
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	1/28/03	<b>8934</b>
Brozka,Robert J (1490)	Co-PI	Preparation of Biological Assessment Schofield	8/31/03	15155
		Barraks, Hawaii	2/19/03	\$53,866
Shaw,Robert B (1490)	Primary PI	<b>Calibre Systems, Inc.</b>	2/5/02	<b>2664</b>
Bagley,Calvin F (1490)	Co-PI	ITAM and Geographical Information System	3/14/03	564
		Regional Support Center	3/10/03	\$17,704
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY-Fort Lewis, Washington</b>	3/1/03	<b>2599</b>
Brozka,Robert J (1490)	Co-PI	Fort Lewis Land Rehabilitation and Maintenance	1/31/04	15332
		Support - Off Campus	3/31/03	\$145,791
Shaw,Robert B (1490)	Primary PI	<b>DOD-ARMY</b>	3/1/00	<b>2551</b>
		Intergovernmental Personnel Act (IPA) for Donald	2/29/04	1430
		Artis	1/27/03	\$153,676
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/1/03	<b>8940</b>
		Phase I Archaeological Inventory at Ft. McCoy, WI	12/30/03	15293
			3/10/03	\$41,400
Shaw,Robert B (1490)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	3/15/03	<b>8953</b>
Brozka,Robert J (1490)	Co-PI	Digital Terrain Map Analysis Book for CMTC	6/30/04	35955
		Hohenfels, Germany	3/31/03	\$85,457

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<b>Coop Fish &amp; Wildlife Research</b>				
Anderson,David R (1484)	Primary PI	<b>Colorado Division of Wildlife</b>	7/1/02	<b>0571</b>
Burnham,Kenneth P (1484)	Co-PI	02/03 Colorado Lynx Reintroduction Investigations (Exhibit H)	6/30/07 3/12/03	13953 \$22,000
Savidge,Julie (1474)	Primary PI	<b>DOI-USGS-Geological Survey</b>	9/4/01	<b>2844</b>
		Population Demography of Lark Buntings	9/30/04 3/5/03	11995 \$6,691
Anderson,David R (1484)	Primary PI	<b>USDA-USFS-Pacific SW</b>	3/1/99	<b>8789</b>
		Demography & Habitat Relationships of the California Spotted Owl on the Lassen National Forest	2/29/04 3/31/03	991473 \$105,000
<b>Earth Resources</b>				
Wohl,Ellen E (1482)	Primary PI	<b>NSF - National Science Foundation</b>	4/1/03	<b>3328</b>
		Anabranching Channels in Jointed Bedrock: An Integrated Flume & Field Study	3/31/05 3/21/03	13745 \$124,781
Hannah,Judith L. (1482)	Primary PI	<b>NSF - National Science Foundation</b>	4/1/03	<b>3039</b>
Stein,Holly J (1482)	Co-PI	Improving Ruthenium Isotope Ratio Measurements: Preparing to Test Time-Dependence of Fundamental Constants	3/31/04 3/24/03	14643 \$29,608
Hannah,Judith L. (1482)	Primary PI	<b>DOI-NPS-National Park Service</b>	7/1/99	<b>2820</b>
Laituri,Melinda J. (1470)	Co-PI	Inventory & Monitoring Natural Resource Status & Trends in the National Park Systems	9/30/04 2/28/03	\$215,000
Smith,Freeman M (1478)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b>	4/22/02	<b>8832</b>
		Mapping Snow Properties: A Multi-Scale Approach	12/31/03 1/15/03	13345 \$30,227
Macdonald,Lee H (1482)	Primary PI	<b>USDA-USFS-Forest Research</b>	9/21/01	<b>8786</b>
		Monitoring Runoff & Erosion in the Upper South Platte Restoration	9/30/05 2/3/03	12218 \$44,849

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<b>Fish &amp; Wildlife Biology</b>				
Fausch, Kurt D (1474)	Primary PI	<b>DOI-Bureau of Reclamation</b> Research for Mitigation for Lost Production of Naturally Reproducing Salmonids in the Sacramento River	1/1/00 12/31/03 3/28/03	<b>1708</b> 844 \$27,804
Dreitz, Victoria J (1474)	Primary PI	<b>Colorado Division of Wildlife</b>	3/25/03	<b>0594</b>
Wunder, Bruce A. (1878)	Co-PI	Understanding the Dynamics of Mountain Plovers in Colorado	6/30/03 3/26/03	15183 \$114,000
Wilson, Kenneth R (1474)	Primary PI	<b>Yellowstone Ecological Research Station</b> Ecology of Red Fox on Yellowstone's Northern Range	1/20/03 12/31/05 3/24/03	<b>7154</b> 14835 \$32,077
Lyon, Margarette J. (1474)	Primary PI	<b>La Plata County</b> La Plata County Assessment of Critical Biological Resources	1/1/03 7/31/04 2/6/03	<b>7148</b> 14447 \$65,000
White, Gary C (1474)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Effects of Fuel Management on Wildlife Populations & Habitats	5/21/01 12/31/03 1/14/03	<b>8888</b>  \$41,793
Fausch, Kurt D (1474)	Primary PI	<b>DOI - US Department of the Interior</b> Colorado River Cutthroat Trout Translocation Research	10/22/02 12/31/04 3/31/03	<b>2978</b> 14574 \$10,000
Clements, William H (1474)	Primary PI	<b>DOI-NPS-National Park Service</b> Assess Ecological, Hydrological, & Geochemical Effects of Dome Fire Capulin Watershed	10/1/02 9/30/03 1/28/03	<b>2903</b>  \$3,600
Johnson, Brett Michae (1474)	Primary PI	<b>DOI-Bureau of Reclamation</b> Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	4/22/93 9/30/04 3/31/03	<b>2842</b>  \$20,000
Knight, Richard L (1478)	Primary PI	<b>USDA-USFS-Forest Research</b> Snag Study Two	4/16/02 9/30/05 2/27/03	<b>8836</b> 13220 \$10,521
Anderson, David G (1474)	Primary PI	<b>Labat-Anderson Incorporated</b> Peterson Air Force Base Noxious Weed Map and Management Plan	4/15/03 10/31/03 3/31/03	<b>2626</b> 14810 \$17,751
Covich, Alan P (1474)	Primary PI	<b>University of Puerto Rico</b> Long Term Ecological Research III - Luquillo Experimental Forest, Puerto Rico	11/1/02 10/31/03 2/14/03	<b>3402</b> 12978 \$27,001
Fausch, Kurt D (1474)	Primary PI	<b>NSF - National Science Foundation</b> REU Supplement for NSF Grant DEB-0108222	3/21/03 10/31/04 3/24/03	<b>3043</b> 15169 \$7,500

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<b>Forest Sciences</b>				
Binkley, Daniel E (1470)	Primary PI	<b>USDA-USFS-Rocky Mtn. Rsrch Station - CO</b> Carbon Cycling in a Tropical Rain Forest	3/3/03	<b>8112</b>
			12/31/03	15423
			3/10/03	\$25,800
Binkley, Daniel E (1470)	Primary PI	<b>DOI-USGS-Geological Survey</b> Structure & Function of Northern Ecosystems & Their Response to Global Change	7/15/01	<b>1781</b>
			5/31/03	11821
			2/14/03	\$20,000
Romme, William H (1470)	Primary PI	<b>USDA-USFS-Forest Research</b> Ecological Assessments of the South Central Highlands Section of the Southern Rocky Mountain Physiographic...	3/10/03	<b>8113</b>
			9/30/03	15033
			3/25/03	\$19,700
Rideout, Douglas B (1470)	Primary PI	<b>USDA-USFS-Forest Research</b>	6/1/03	<b>8114</b>
Reich, Robin M (1470)	Co-PI	Estimating the Efficacy of Fuels Management on Wildlife Frequency & Intensity on the Black Hills National Forest	8/31/04	15283
			3/25/03	\$43,000
Romme, William H (1470)	Primary PI	<b>The Nature Conservancy</b> Temporal & Spatial Variation of Fire Regimes in the Low Elevation Douglas-Fir Forests of the Centennial Valley	1/1/03	<b>7150</b>
			12/31/03	14892
			2/18/03	\$10,000
<b>Nat Res Recreation &amp; Tourism</b>				
Bruyere, Brett L (1480)	Primary PI	<b>City of Fort Collins</b> Enhancement Fund Application, CSU Environmental Learning Center	2/24/03	<b>7156</b>
			6/15/05	14957
			3/31/03	\$1,983
Rodriguez, Donald A. (1401)	Primary PI	<b>DOI-NPS-National Park Service</b>	7/1/00	<b>2888</b>
Bright, Alan D (1480)	Co-PI	Minority Visitor Use Patterns at Rocky Mountain National Park; An Examination of Barriers & Constraints	6/1/03	2405
			2/17/03	\$1,500

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<b>Natural Resource Ecology Lab</b>				
Hanan,Niall P (1499)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/01	<b>3020</b>
Omi,Philip N (1470)	Co-PI	Biocomplexity in African Savannas	8/31/05	11166
Coughenour,Michael B (1499)	Co-PI		2/14/03	\$15,075
Dangelmayr,Gerhard H (1874)	Collaborator			
Wall,Diana H (1499)	Primary PI	<b>Winslow Foundation</b>	3/20/02	<b>5264</b>
		International Workshop on Soil & Sediment Biodiversity & Ecosystem Functioning	4/30/04 2/10/03	13225 \$65,000
Coughenour,Michael B (1499)	Primary PI	<b>NSF - National Science Foundation</b>	5/1/03	<b>3216</b>
Ojima,Dennis (1499)	Co-PI	FIBR: Planning a Study of Biodiversity & Ecosystem Function in Livestock & Wildlife Dominated Savannas of ...	4/30/04 3/31/03	14598 \$49,921
Paustian,Keith H. (1170)	Primary PI	<b>USDA-NRCS-Natural Resources Consvtn Srv</b>	7/1/02	<b>2185</b>
		Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation Practice Application	9/30/05 3/31/03	13916 \$50,000
Ojima,Dennis (1499)	Primary PI	<b>University of Denver</b>	10/1/01	<b>1603</b>
		Cows & Climate on Western Soils	9/30/03 2/10/03	 \$38,772
<b>Rangeland Ecosystem Science</b>				
Redente,Edward F (1478)	Primary PI	<b>Colorado Department of Natural Resources</b>	12/23/02	<b>0591</b>
		Abandoned Mine Land Revegetation Study	2/28/03 1/2/03	14765 \$10,000

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<b>Biochemistry &amp; Molecular Bio</b>				
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	3/1/01	<b>7868</b>
Laybourn,Paul J (1870)	Co-PI	Tax Transactivation in the Context of Chromatin	2/28/06	321
			2/28/03	\$21,750
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b>	1/1/99	<b>7646</b>
		Tax Deregulation of Gene Expression Through CBP	12/31/03	235
			1/8/03	\$273,383
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	3/1/01	<b>7659</b>
Laybourn,Paul J (1870)	Co-PI	Tax Transactivation in the Context of Chromatin	2/28/06	321
			2/28/03	\$233,511
Curthoys,Norman P. (1870)	Primary PI	<b>HHS-NIH-Center for Scientific Review</b>	10/1/89	<b>7737</b>
		Control of Renal Glutaminase Induction During Acidosis	3/31/06	11798
			3/24/03	\$39,015
Curthoys,Norman P. (1870)	Primary PI	<b>HHS-NIH-Center for Scientific Review</b>	10/1/89	<b>7737</b>
		Control of Renal Glutaminase Induction During Acidosis	3/31/06	11798
			1/7/03	\$10,183
Curthoys,Norman P. (1870)	Primary PI	<b>HHS-NIH-Center for Scientific Review</b>	10/1/89	<b>7734</b>
		Control of Renal Glutaminase Induction During Acidosis	3/31/06	11798
			3/25/03	\$221,275
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b>	1/1/99	<b>7602</b>
		Tax Deregulation of Gene Expression Through CBP	12/31/03	235
			1/8/03	\$65,836
Bamburg,James R (1870)	Primary PI	<b>HHS-PHS-Biophysics &amp; Physiological Sci.</b>	12/1/84	<b>7839</b>
		Role of Actin Depolymerizing Factor ( ADF) Phosphorylation in Neuronal Development	3/31/04	992580
			3/24/03	\$259,785
Nyborg,Jennifer K (1870)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	3/1/01	<b>7881</b>
Laybourn,Paul J (1870)	Co-PI	Tax Transactivation in the Context of Chromatin	2/28/06	321
			2/28/03	\$21,750
Bamburg,James R (1870)	Primary PI	<b>Alzheimers Association</b>	9/1/01	<b>5133</b>
		Mechanisms of Persistent ADF-actin Rod Formation in Hippocampal Neurons	8/31/04	10782
			1/23/03	\$80,000
Bamburg,James R (1870)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	12/1/84	<b>7867</b>
		Role of ADF Phosphorylation in Neuronal Development (Supplement)	3/31/04	11393
			3/24/03	\$12,170



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<b>Biology</b>				
Detling,James K (1878)	Primary PI	<b>DOI-NPS-National Park Service</b> Technical Support for Literature, Searches & Literature Acquisition	11/22/02	<b>4157</b>
			9/30/03	
			1/2/03	\$5,239
Medford,June I. (1878)	Primary PI	<b>DOD-NAVY-ONR-Office of Naval Research</b>	4/1/03	<b>2313</b>
Reddy,Anireddy N (1878)	Co-PI	Construction & Evaluation of a Plant Sentinel Tool Chest for Loss of Green Color	3/30/06	14617
			3/24/03	\$263,377
Mykles,Donald L (1878)	Primary PI	<b>NSF - National Science Foundation</b> Regulation of Fiber Switching in Lobster Muscle Research for Undergraduates	3/26/01	<b>3246</b>
			8/31/03	10997
			3/31/03	\$10,000
Anderson,Lorinda Kis (1878)	Primary PI	<b>Stowers Institute for Medical Research</b> Electron Microscopic Immunolocalization of Synaptonemal Complex Proteins	5/15/02	<b>5198</b>
			12/31/03	13532
			1/29/03	\$4,000
Pilon,Marinus (1878)	Primary PI	<b>NSF - National Science Foundation</b> Metal Homeostasis & Tolerance in Plant Chloroplast the Role of PAA1 & AtCutA	4/1/01	<b>3231</b>
			3/31/04	2635
			2/4/03	\$109,998
Pilon-Smits,Elizabet (1878)	Primary PI	<b>NSF-Biological Sciences</b> CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00	<b>3027</b>
			2/28/04	
			1/13/03	\$126,209
Pilon-Smits,Elizabet (1878)	Primary PI	<b>NSF-Biological Sciences</b> CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00	<b>3159</b>
			2/28/04	
			2/26/03	\$12,900
<b>Center For Sci, Math &amp; Tech Ed</b>				
Geary,Edward E (1802)	Primary PI	<b>Montana State University</b> Center for Learning & Teaching in the West	10/1/01	<b>3426</b>
			9/30/06	11290
			3/12/03	\$374,040

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<b>Chemistry</b>				
Kennan, Alan J. (1872)	Primary PI	<b>NSF - National Science Foundation</b>	2/1/03	<b>3026</b>
		Design of Self-Assembled Stimulus-Responsive Peptide Complexes	1/31/08	14066
			2/5/03	\$184,000
Levinger, Nancy E (1872)	Primary PI	<b>NSF - National Science Foundation</b>	3/1/03	<b>3327</b>
Fisher, Ellen R (1872)	Co-PI	Summer Research at Colorado State University (REU)	2/28/06	14233
			3/10/03	\$68,200
Fixman, Marshall (1872)	Primary PI	<b>American Institute of Physics</b>	8/1/94	<b>5597</b>
Ladanyi, Branka M (1872)	Co-PI	Editorial Office for Journal of Chemical Physics	7/31/10	
			2/11/03	\$280,000
Ladanyi, Branka M (1872)	Primary PI	<b>NSF-MPS-Mathematical &amp; Physical Sciences</b>	12/1/99	<b>3002</b>
		Solvation & Reaction Dynamics in Heterogeneous Environments	11/30/03	992420
			2/26/03	\$111,000
Barisas, B George (1872)	Primary PI	<b>NSF - National Science Foundation</b>	5/1/02	<b>3074</b>
		Improved Apparatus for Time-resolved Phosphorescence Anisotropy & Fluorescence Depletion Anisotropy ...	5/1/05	12198
			3/25/03	\$182,735
Henry, Charles S. (1872)	Primary PI	<b>Mississippi State University</b>	12/1/02	<b>2700</b>
		Microchip Affinity Chromatography for Self-Interaction Chromatography	11/30/03	14105
			1/23/03	\$15,898
Hegedus, Louis S (1872)	Primary PI	<b>HHS-PHS-Pharmacology &amp; Biorelated Chem</b>	4/1/79	<b>7840</b>
		Organometallic Synthesis of Bioactive Compounds	3/31/04	992410
			3/25/03	\$271,716
Parkinson, Bruce Alan (1872)	Primary PI	<b>NSF - National Science Foundation</b>	9/1/01	<b>3303</b>
		Fundamental Studies of Novel Inorganic Fullerenes	8/31/04	10510
			1/13/03	\$140,394
Williams, Robert M (1872)	Primary PI	<b>HHS-PHS-NCI-Cancer Treatment Center</b>	4/10/00	<b>7841</b>
		Total Synthesis of Bioxalomycin, ET743 & Tetrazomine	3/31/04	992120
			3/3/03	\$304,277
Rovis, Tomislav (1872)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	4/1/02	<b>7715</b>
		Development, Scope & Synthetic Applications of the Stereoretentive O & C Rearrangement	3/31/06	11711
			3/11/03	\$221,231
<b>Computer Science</b>				
Beveridge, J Ross (1873)	Primary PI	<b>DOD-ARPA-Advanced Research Proj. Agency</b>	8/1/00	<b>2453</b>
		Statistical Inference Methods for Understanding Human Identification Systems	12/31/03	1715
			2/7/03	\$84,764
<b>Mathematics</b>				
Estep, Donald J. (1874)	Primary PI	<b>Sandia Corporation/Sandia National Lab.</b>	12/20/01	<b>3944</b>
Laforest, Marc (1874)	Co-PI	Error Estimators for High-Resolution Schemes for Conservation Laws	12/19/03	12630
			2/14/03	\$21,327

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<b>Physics</b>				
Hochheimer,Hans D (1875)	Primary PI	<b>NATO-North Atlantic Treaty Organization</b>	2/1/03	<b>5710</b>
		High Pressure Raman Measurements on Semiconducting Polymer Films	1/31/05 2/14/03	10880 \$9,681
She,Chiaoyao (1875)	Primary PI	<b>NSF - National Science Foundation</b>	1/1/01	<b>3167</b>
Krueger,David A (1875)	Co-PI	Mesopause Observation: One Solar Cycle	12/31/05 1/13/03	2021 \$129,999
Patton,Carl E (1875)	Primary PI	<b>DOD-ARMY-ARO-Army Research Office</b>	6/1/02	<b>2355</b>
		Microwave Solitons & Precessional Dynamics in Magnetic Thin Films-Physics & Devices	12/31/03 2/7/03	11771 \$75,000
Harton,John (1875)	Primary PI	<b>Fermi Ntl Accelerator Lab (Fermilab)</b>	3/25/02	<b>3949</b>
		Construction of Pierre Auger Observatory Ground Array Components	12/31/03 1/30/03	13381 \$50,000
She,Chiaoyao (1875)	Primary PI	<b>NSF - National Science Foundation</b>	1/1/01	<b>3167</b>
Krueger,David A (1875)	Co-PI	Mesopause Observation: One Solar Cycle	12/31/05 3/25/03	2021 \$49,934
She,Chiaoyao (1875)	Primary PI	<b>CoRA - Colorado Research Associates</b>	8/1/00	<b>2600</b>
Krueger,David A (1875)	Co-PI	Collaborative Research at ALOMAR (Arctic Lidar Observatory for Middle Atmospheric Research) Observatory: Dynamics...	7/31/03 3/4/03	992231 \$19,200
Hochheimer,Hans D (1875)	Primary PI	<b>NSF-CISE-Computer &amp; Info Sci &amp; Engin</b>	3/1/01	<b>3212</b>
Dorhout,Peter K (1801)	Co-PI	Study of Structure-physical Properties Relation of New Materials with Reduced Dimensionality	2/29/04 1/31/03	2697 \$98,480
Harton,John (1875)	Primary PI	<b>Fermi Ntl Accelerator Lab (Fermilab)</b>	3/25/02	<b>3950</b>
		Construction of Pierre Auger Observatory Ground Array Components	12/31/03 3/21/03	13381 \$159,000
Harton,John (1875)	Primary PI	<b>Fermi Ntl Accelerator Lab (Fermilab)</b>	3/25/02	<b>3950</b>
		Construction of Pierre Auger Observatory Ground Array Components	12/31/03 1/30/03	13381 \$50,000
Sites,James R (1875)	Primary PI	<b>Midwest Research Institute - NREL</b>	9/1/01	<b>3900</b>
		Device Physics of Thin-film Polycrystalline Solar Cells	8/29/04 1/2/03	11253 \$48,500
Harton,John (1875)	Primary PI	<b>Fermi Ntl Accelerator Lab (Fermilab)</b>	3/25/02	<b>3949</b>
		Construction of Pierre Auger Observatory Ground Array Components	12/31/03 3/13/03	13381 \$136,000

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<b>Statistics</b>				
Davis, Richard A (1877)	Primary PI	<b>NSF - National Science Foundation</b>	1/1/03	<b>3005</b>
		Program for Interdisciplinary Mathematics Ecology & Statistics	12/31/07 1/10/03	11764 \$13,810
Davis, Richard A (1877)	Primary PI	<b>NSF - National Science Foundation</b>	1/1/03	<b>3005</b>
		Program for Interdisciplinary Mathematics Ecology & Statistics	12/31/07 1/10/03	11764 \$668,184

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*Other*

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<b>Agric Experiment Station</b>				
Harrington,H Michael (3001)	Primary PI	<b>USDA-CSREES-Coop State Rsrch Edu &amp; Ext</b> New Directors/Administrators Workshop	1/15/03	<b>1419</b>
			5/14/03	14819
			2/4/03	\$5,000
Iron,Jennifer (3001)	Primary PI	<b>University of Vermont</b> Improve the Effectiveness of CRIS TO CSRES Institutions through Enhanced Microcomputer Processes	5/1/00	<b>1364</b>
			7/14/03	
			2/10/03	\$4,500
<b>Colo Water Resources Res Inst</b>				
Ward,Robert C (2033)	Primary PI	<b>Various "Non-Profit" Sponsors</b>	3/1/97	<b>5153</b>
Garcia,Luis (1372)	Co-PI	Developing a Decision Support System for the South Platte Basin	12/31/03	
			3/4/03	\$12,000
Ward,Robert C (2033)	Primary PI	<b>Various "Non-Profit" Sponsors</b>	3/1/97	<b>5153</b>
Garcia,Luis (1372)	Co-PI	Developing a Decision Support System for the South Platte Basin	12/31/03	
			2/26/03	\$10,000
<b>Cooperative Extension</b>				
Cotton,Scott E (4040)	Primary PI	<b>Utah State University</b>	7/1/01	<b>1385</b>
Benson,Delwin E (1474)	Co-PI	Coached Land Planning & Care	12/31/03	10319
Hackett,Jan J. (5060)	Co-PI		3/26/03	\$26,500
Bowes,Margaret W. (4040)	Primary PI	<b>USDA - US Department of Agriculture</b> Colorado Rural Development Council	7/1/02	<b>2113</b>
			6/30/04	
			1/22/03	\$641
LAMM,ALEXA J (0000)	Primary PI	<b>Mississippi State University</b> Health Rocks!	12/1/02	<b>2208</b>
			7/15/03	14616
			2/12/03	\$5,000
Cotton,Scott E (4040)	Primary PI	<b>Michigan State University</b> Disaster Response Training for Cooperative Extension Personnel	7/1/02	<b>1306</b>
			6/30/03	14106
			1/2/03	\$6,800
<b>Educ Outreach-Administration</b>				
Bounini,Karima (1044)	Primary PI	<b>Colorado Department of Transportation</b> Highway Safety Program-	3/4/03	<b>0043</b>
			9/30/03	13380
			3/12/03	\$68,383
Bounini,Karima (1044)	Primary PI	<b>Colorado Department of Transportation</b> Highway Safety Program	3/4/03	<b>0042</b>
			9/30/03	13380
			3/12/03	\$90,571

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<b>Southwestern Colorado Res Ctr</b>				
Berrada,Abdelfettah (3050)	Primary PI	<b>DOI-Bureau of Reclamation</b>	9/17/99	<b>1806</b>
Cardon,Grant E (1170)	Co-PI	Research & Education Activities to Enhance Water	12/31/04	
Broner,Israel (1372)	Co-PI	Management & Conservation in Southwest Colorado	2/13/03	\$10,000
<b>Western Colorado Research Ctr</b>				
Caspari,Horst W. (1173)	Primary PI	<b>Washington Tree Fruit Research Commiss.</b>	4/1/01	<b>5062</b>
Wilhelm,John B (3046)	Collaborator	Partial Rootzone Drying - A New Deficit Irrigation Strategy for Apples & Pears	2/28/04 3/13/03	10825 \$65,252

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<b>Biomedical Sciences</b>				
Reist,Noreen E. (1680)	Primary PI	<b>HHS-NIH-Neurological Disorders &amp; Stroke</b> Mutational Analysis of Synaptotagmin Function	7/1/03	<b>7707</b>
			6/30/08	13651
			1/24/03	\$297,343
Squires,Edward L (1680)	Primary PI	<b>Bioniche of London Ontario, Canada</b> Efficacy of Equine FSH for Reduction of Multiple Ovulation in Mares & for Improvement of Fertility with Frozen Equine..	1/22/03	<b>8297</b>
			1/21/04	15279
			2/14/03	\$10,307
Tamkun,Michael (1680)	Primary PI	<b>HHS-NIH-Neurological Disorders &amp; Stroke</b> Targeting of Voltage-Gated K+ Channels to Lipid Rafts	4/26/01	<b>7712</b>
			3/31/05	578
			3/13/03	\$373,539
Roess,Deborah A. (1680)	Primary PI	<b>HHS-NIH-Child Health and Human Develop</b> Membrane Events Following Hormone Binding to Leutinizing Hormone (LH) Receptors	4/1/01	<b>7878</b>
			3/31/06	2225
			3/3/03	\$188,825
Bowen,Richard A (1680)	Primary PI	<b>Acambis, Inc.</b> ChimeriVax -WNV Vaccine in Horses: Safety & Efficacy Study	1/14/03	<b>8296</b>
			6/30/03	14114
			2/3/03	\$126,828
Partin,Kathryn M. (1680)	Primary PI	<b>American Heart Association</b> The Molecular Mechanism of Allosteric Modulation of Glutamate Receptors	1/1/00	<b>5104</b>
			12/31/03	990800
			3/25/03	\$64,942
Beam,Kurt G (1680)	Primary PI	<b>Brigham and Womens Hospital</b> Signaling Between Calcium Channels	9/1/02	<b>4351</b>
			8/31/03	
			1/15/03	\$272,600
Dudek,F Edward (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	3/1/01	<b>4902</b>
			2/28/04	1873
			3/28/03	\$1,716
Pouliot,Wendy A (1680)	Co-PI	Testosterone Regulation of Gonadotropin Releasing Hormone Neuronal Activity	3/1/01	<b>4902</b>
			2/28/04	1873
			2/5/03	\$48,148
Dudek,F Edward (1680)	Primary PI	<b>HHS-NIH-National Institutes of Health</b>	3/1/01	<b>4902</b>
			2/28/04	1873
			2/5/03	\$48,148
Pouliot,Wendy A (1680)	Co-PI	Testosterone Regulation of Gonadotropin Releasing Hormone Neuronal Activity	2/28/04	1873
			2/5/03	\$48,148
Handa,Robert J. (1680)	Primary PI	<b>HHS-NIH-National Institute on Drug Abuse</b> Fetal Alcohol Exposure & Reproductive Deficits	3/1/00	<b>4518</b>
			2/29/04	992165
			2/26/03	\$290,000
Kinnamon,Sue C (1680)	Primary PI	<b>HHS-NIH-NIDCD-Deafness &amp; Other Comm. Dis</b> Electrophysiology of Taste Transduction	4/1/90	<b>4493</b>
			3/31/04	
			3/31/03	\$200,536
Roess,Deborah A. (1680)	Primary PI	<b>HHS-NIH-Center for Scientific Review</b> Role of the LH Receptor C-terminus in Receptor Desensitization	3/1/02	<b>7689</b>
			2/29/04	11686
			1/17/03	\$72,000

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<b>Clinical Sciences</b>				
Turner,Anthony Simon (1678)	Primary PI	<b>Medtronic, Inc.</b> Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep (Phase 7)	9/1/01	<b>8273</b>
			6/30/03	13357
			1/6/03	\$9,754
Turner,Anthony Simon (1678)	Primary PI	<b>Wyeth Research</b> The Effects of BMP-12 for Augmentation of Tendon Healing: Phase 2	5/1/02	<b>8279</b>
			12/31/03	13482
			3/3/03	\$48,871
Turner,Anthony Simon (1678)	Primary PI	<b>Medtronic, Inc.</b> Investigation of Postero-lateral Fusion Using Autograft Extenders & Biologics in a Sheep Model	7/1/02	<b>8284</b>
			12/31/03	13854
			1/23/03	\$76,429
Turner,Anthony Simon (1678)	Primary PI	<b>Therics, Inc.</b> Evaluation of Composite Discs for Cranioplasty in an Ovine Model	10/1/02	<b>8287</b>
			12/31/03	14385
			3/3/03	\$22,388
Turner,Anthony Simon (1678)	Primary PI	<b>GenSci Orthobiologics, Inc.</b> Histologic & Radiographic Pilot Screening of Bone Graft materials Implanted in Sheep Tibial, Metatarsal...	9/24/02	<b>8289</b>
			8/1/03	14344
			1/24/03	\$38,357
Turner,Anthony Simon (1678)	Primary PI	<b>Hospital for Special Surgery</b> Meniscal Allograft Transplantation in The Sheep Knee: Evaluation of Early Markers for Degenerative Change & ...	10/1/01	<b>5136</b>
			8/31/03	12265
			2/19/03	\$40,714
Ehrhart,Nicole P. (1678)	Primary PI	<b>Hills Pet Nutrition, Inc.</b> Efficacy of a Diet High in Fish Oil in Cats with Cancer	3/4/03	<b>8298</b>
			3/3/04	14917
			3/7/03	\$86,253
Webb,Craig B. (1678)	Primary PI	<b>Robert H. Winn (Winn Feline) Foundation</b>	4/1/03	<b>5224</b>
Twedt,David C (1678)	Collaborator	Rapid Clinical Assessment of Oxidative Stress in	3/31/04	14762
Dow,Steven W. (1678)	Collaborator	Feline Patients Using Flow Cytometry	3/3/03	\$14,465
Mueller,Ralf S. (1678)	Primary PI	<b>Morris Animal Foundation</b>	9/1/01	<b>5263</b>
Avery,Anne C (1682)	Co-PI	Conventional & Rush Immunotherapy in Canine	2/28/04	11379
Bettenay,Sonya V.T. (1678)	Collaborator	Atopic Dermatitis	3/21/03	\$8,121
Rosychuk,Rod W (1678)	Collaborator			



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<b>Env &amp; Rad Health Sci</b>				
Liber,Howard L. (1681)	Primary PI	<b>DOE - US Department of Energy</b>	3/15/02	<b>3831</b>
		Molecular Mechanisms of Radiation-Induced Genomic Instability in Human Cells	9/14/04	12903
			3/3/03	\$373,603
Whicker,F Ward (1681)	Primary PI	<b>Univ. California-Los Alamos National Lab</b>	2/10/03	<b>3959</b>
		An Independent & Comprehensive Risk Assessment for Public Health & the Environment and Development of a Risk-based...	9/30/05	14859
			3/3/03	\$1,400,000
Ullrich,Robert L. (1681)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b>	2/6/03	<b>7690</b>
		Carcinogenic Interactions of Radiation & Chemicals	11/30/07	13152
			2/24/03	\$268,931
Liber,Howard L. (1681)	Primary PI	<b>HHS-NIH-NCI-National Cancer Institute</b>	2/1/02	<b>7718</b>
		Double Strand Break Mutagenesis: Transcription & p53	1/31/04	12750
			1/17/03	\$249,091
Ullrich,Robert L. (1681)	Primary PI	<b>DOE - US Department of Energy</b>	9/15/01	<b>3828</b>
		Genetic Mechanisms of Induced Chromosomal Instability & their Relationships with Radiation Tumorigenesis	9/14/06	11545
			2/7/03	\$278,718
Bedford,Joel S (1681)	Primary PI	<b>DOE - US Department of Energy</b>	9/15/01	<b>3827</b>
		Genetic Factors Affecting Susceptibility to Low Dose & Low Dose-Rate Radiation Exposure	9/14/06	11543
			2/7/03	\$192,088
Legare,Marie E (1681)	Primary PI	<b>March of Dimes</b>	2/1/03	<b>5216</b>
		Developmental Gene Expression & Ethanol	1/31/05	13878
			2/4/03	\$150,000
Bedford,Joel S (1681)	Primary PI	<b>Univ California-Lawrence Berkeley Lab</b>	11/2/02	<b>2770</b>
		Cytogenetic Damage Assessments after Exposure of Cultured Normal Human Fibroblasts...	10/31/03	12935
			2/7/03	\$30,790

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<b>Micro, Imuno &amp; Path</b>				
Beaty, Barry J (1682)	Primary PI	<b>Univ. of Texas Medical Branch/Galveston.</b>	9/29/02	<b>7510</b>
Black, William Iv (1682)	Co-PI	United States Based Collaboration in Emerging	9/29/03	13065
Blair, Carol D (1682)	Co-PI	Viral & Prion Diseases	1/13/03	\$933,365
Carlson, Jonathan O (1682)	Co-PI			
Bowen, Richard A (1680)	Co-PI			
Olson, Kenneth E (1682)	Co-PI			
Calisher, Charles H (1682)	Co-PI			
Hutcheson, Harry Joel (1177)	Collaborator			
Orme, Ian M (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	3/1/03	<b>7779</b>
Basaraba, Randall J (1682)	Co-PI	Guinea Pig Model for TB Vaccine Evaluations	2/28/08	13718
			2/11/03	\$465,037
Brennan, Patrick Jose (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	1/1/81	<b>4421</b>
Crick, Dean C. (1682)	Co-PI	Mycobacterial Cell Wall Biogenesis & Drug	1/31/08	
		Discovery	2/24/03	\$412,500
Belisle, John T (1682)	Primary PI	<b>HHS-PHS-AID-Microbio &amp; Infectious Dis Re</b>	2/1/99	<b>4490</b>
Spencer, John S. (1682)	Co-PI	Glycoproteins of Mycobacterium Tuberculosis	1/31/04	980184
			1/6/03	\$237,107
Beaty, Barry J (1682)	Primary PI	<b>WHO-World Health Organization</b>	12/15/02	<b>5717</b>
		Biology of Disease Vectors Course	12/14/03	13252
			2/25/03	\$50,000
Blair, Carol D (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	4/1/02	<b>4573</b>
		Interference to Dengue Virus Replication in	2/28/07	11809
		Mosquitoes	2/4/03	\$216,083
Black, William Iv (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	4/1/01	<b>4540</b>
		Genetics of Dengue Vector Competence in Aedes	3/31/06	2235
		Aegypti	2/26/03	\$286,363
Allison, Robin W (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	4/1/00	<b>4519</b>
Hoover, Edward A (1682)	Co-PI	Feline Immunodeficiency Virus (FIV) of Vertical	3/31/04	992174
		HIV Transmission & Intervention	3/28/03	\$84,935
Slayden, Richard A. (1682)	Primary PI	<b>HHS-NIH-NIAID-Allergy &amp; Infect Diseases</b>	3/1/03	<b>7801</b>
		Regulation of Cellular Division in Mycobacterium	2/28/07	12789
		Tuberculosis	2/25/03	\$250,998
Barillas-Mury, Caroli (1682)	Primary PI	<b>HHS-PHS-AID-Microbio &amp; Infectious Dis Re</b>	4/1/00	<b>4517</b>
		The Mosquito Immune Response & Malaria	3/31/04	990467
		Transmission	2/26/03	\$253,750
Beaty, Barry J (1682)	Primary PI	<b>MacArthur Foundation*</b>	1/1/95	<b>5401</b>
		Vector Molecular Biology Institutes	12/31/04	
			2/21/03	\$13,418
McNeil, Michael R (1682)	Primary PI	<b>HHS-DRR-Fogarty International Center</b>	2/15/03	<b>4440</b>
		D-arabinose Synthesis in TB using Azorhizobium as	1/31/06	13513
		a Tool	2/21/03	\$39,540

# **Research Proposals Submitted and Research Awards Received**

## **Section V**

**Interdepartmental Proposals  
Interdepartmental Awards**

# **Interdepartmental Proposals**

**Interdepartmental Proposals - Summary\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

**Agricultural Sciences**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15090	Agric & Resource Economics	American Farmland Trust, Inc. (AFT)	1/27/03	\$9,336
15119	Animal Sciences	EPA - Environmental Protection Agency	2/7/03	\$63,108
15090	Animal Sciences	American Farmland Trust, Inc. (AFT)	1/27/03	\$9,336
15049	Animal Sciences	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$599,744
14935	Bioagricultur Sci & Pest Mgmt	DOI - US Department of the Interior	1/3/03	\$325,807
14977	Bioagricultur Sci & Pest Mgmt	NSF - National Science Foundation	1/10/03	\$660,498
14975	Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu &	1/13/03	\$299,562
15151	Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu &	1/29/03	\$57,600
15305	Bioagricultur Sci & Pest Mgmt	DOI-USFWS-Fish & Wildlife Service	2/19/03	\$579,744
15197	Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$264,733
15377	Bioagricultur Sci & Pest Mgmt	Larimer County	2/28/03	\$46,690
14594	Horticulture & Landscape Arch	NSF - National Science Foundation	1/24/03	\$3,337,178
35986	Horticulture & Landscape Arch	HHS-NIH-National Institutes of Health	3/27/03	\$992,891
14594	Soil & Crop Sciences	NSF - National Science Foundation	1/24/03	\$3,337,178
15151	Soil & Crop Sciences	USDA-CSREES-Coop State Rsrch Edu &	1/29/03	\$57,600
15119	Soil & Crop Sciences	EPA - Environmental Protection Agency	2/7/03	\$63,108
15197	Soil & Crop Sciences	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$264,733
15377	Soil & Crop Sciences	Larimer County	2/28/03	\$46,690
36105	Soil & Crop Sciences	EPA - Environmental Protection Agency	3/28/03	\$24,949
14817	Soil & Crop Sciences	NSF - National Science Foundation	1/28/03	\$1,999,450

**Applied Human Sciences**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
14937	Dept Of Health & Exercise Sci	HHS-NIH-National Institutes of Health	1/30/03	\$338,624
51438	Social Work	DOJ-OJP-NIJ-National Inst. of Justice	3/7/03	\$230,261

**Business**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15121	Computer Information Systems	The Boeing Company	2/10/03	\$619,604
14972	Marketing	University of Colorado	1/13/03	\$137,227

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**Engineering**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15300	Atmospheric Science	NSF - National Science Foundation	2/20/03	\$402,602
15039	Chemical Engineering	HHS-NIH-National Institutes of Health	1/14/03	\$1,351,509
14869	Chemical Engineering	DOE - US Department of Energy	1/15/03	\$449,756
15207	Chemical Engineering	NSF - National Science Foundation	2/14/03	\$739,588
14985	Chemical Engineering	NSF - National Science Foundation	1/23/03	\$423,531
35976	Chemical Engineering	HHS-NIH-National Institutes of Health	3/24/03	\$1,412,932
15393	Chemical Engineering	NSF - National Science Foundation	3/6/03	\$748,745
15417	Chemical Engineering	NSF - National Science Foundation	3/19/03	\$855,786
14934	Cira	UCAR-NCAR-COMET Atmospheric Te	1/3/03	\$10,783,253
15300	Cira	NSF - National Science Foundation	2/20/03	\$402,602
14640	Civil Engineering	NSF - National Science Foundation	1/7/03	\$32,870,552
15218	Civil Engineering	NSF - National Science Foundation	3/4/03	\$50,000
15350	Civil Engineering	NineSigma, Inc.	2/28/03	\$50,000
15157	Civil Engineering	NSF - National Science Foundation	2/5/03	\$400,000
15203	Civil Engineering	NSF - National Science Foundation	3/12/03	\$317,651
15121	Elec. & Computer Engineering	The Boeing Company	2/10/03	\$619,604
15144	Elec. & Computer Engineering	Southwest Research Institute	2/18/03	\$400,000
15218	Elec. & Computer Engineering	NSF - National Science Foundation	3/4/03	\$50,000
15350	Elec. & Computer Engineering	NineSigma, Inc.	2/28/03	\$50,000
15393	Elec. & Computer Engineering	NSF - National Science Foundation	3/6/03	\$748,745
15039	Mechanical Engineering	HHS-NIH-National Institutes of Health	1/14/03	\$1,351,509
15210	Mechanical Engineering	DOS - US Department of State	2/14/03	\$25,000
15144	Mechanical Engineering	Southwest Research Institute	2/18/03	\$400,000
14985	Mechanical Engineering	NSF - National Science Foundation	1/23/03	\$423,531

**Liberal Arts**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
51438	Anthropology	DOJ-OJP-NIJ-National Inst. of Justice	3/7/03	\$230,261
51438	Ctr Applied Stu Amer Ethnicity	DOJ-OJP-NIJ-National Inst. of Justice	3/7/03	\$230,261
14972	Journalism & Technical Comm	University of Colorado	1/13/03	\$137,227
14748	Sociology	HHS-DRR-Fogarty International Center	1/13/03	\$267,050
15203	Sociology	NSF - National Science Foundation	3/12/03	\$317,651

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**Natural Resources**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15106	Earth Resources	EPA - Environmental Protection Agency	1/27/03	\$604,998
15106	Fish & Wildlife Biology	EPA - Environmental Protection Agency	1/27/03	\$604,998
14935	Natural Resource Ecology Lab	DOI - US Department of the Interior	1/3/03	\$325,807
14977	Natural Resource Ecology Lab	NSF - National Science Foundation	1/10/03	\$660,498
36105	Natural Resource Ecology Lab	EPA - Environmental Protection Agency	3/28/03	\$24,949
14907	Natural Resource Ecology Lab	NSF - National Science Foundation	1/28/03	\$1,399,200
14817	Natural Resource Ecology Lab	NSF - National Science Foundation	1/28/03	\$1,999,450
14975	Rangeland Ecosystem Science	USDA-CSREES-Coop State Rsrch Edu &	1/13/03	\$299,562
15305	Rangeland Ecosystem Science	DOI-USFWS-Fish & Wildlife Service	2/19/03	\$579,744

**Natural Sciences**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15106	Biology	EPA - Environmental Protection Agency	1/27/03	\$604,998
14940	Center For Sci, Math & Tech Ed	University of Northern Colorado	1/7/03	\$2,983,433
14934	Center For Sci, Math & Tech Ed	UCAR-NCAR-COMET Atmospheric Te	1/3/03	\$10,783,253
14969	Chemistry	NSF - National Science Foundation	1/13/03	\$535,131
15207	Chemistry	NSF - National Science Foundation	2/14/03	\$739,588
36058	Chemistry	HHS-NIH-National Institutes of Health	3/28/03	\$1,384,732
35986	Chemistry	HHS-NIH-National Institutes of Health	3/27/03	\$992,891
14907	Chemistry	NSF - National Science Foundation	1/28/03	\$1,399,200
15072	Computer Science	NSF - National Science Foundation	2/12/03	\$3,872,184
15072	Mathematics	NSF - National Science Foundation	2/12/03	\$3,872,184
14972	Psychology	University of Colorado	1/13/03	\$137,227
15121	Psychology	The Boeing Company	2/10/03	\$619,604
15072	Statistics	NSF - National Science Foundation	2/12/03	\$3,872,184
36105	Statistics	EPA - Environmental Protection Agency	3/28/03	\$24,949

**Other**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
14940	Center For Life Sciences	University of Northern Colorado	1/7/03	\$2,983,433
14640	Center For Life Sciences	NSF - National Science Foundation	1/7/03	\$32,870,552
15157	Graduate School	NSF - National Science Foundation	2/5/03	\$400,000
15210	International Programs	DOS - US Department of State	2/14/03	\$25,000
14594	No Department	NSF - National Science Foundation	1/24/03	\$3,337,178
15197	No Department	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$264,733

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**Vet. Medicine & Biomedical Sciences**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Submitted</u>	<u>\$ Amount</u>
15039	Clinical Sciences	HHS-NIH-National Institutes of Health	1/14/03	\$1,351,509
15208	Clinical Sciences	HHS-Health Resources & Services Admi	2/20/03	\$549,890
15049	Clinical Sciences	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$599,744
14985	Clinical Sciences	NSF - National Science Foundation	1/23/03	\$423,531
35976	Clinical Sciences	HHS-NIH-National Institutes of Health	3/24/03	\$1,412,932
15133	Clinical Sciences	Morris Animal Foundation	3/31/03	\$294,625
15208	Dean Of Vet Medicine	HHS-Health Resources & Services Admi	2/20/03	\$549,890
14748	Env & Rad Health Sci	HHS-DRR-Fogarty International Center	1/13/03	\$267,050
14937	Env & Rad Health Sci	HHS-NIH-National Institutes of Health	1/30/03	\$338,624
36058	Env & Rad Health Sci	HHS-NIH-National Institutes of Health	3/28/03	\$1,384,732
36064	Env & Rad Health Sci	AMC Cancer Research Center	3/31/03	\$120,424
15133	Env & Rad Health Sci	Morris Animal Foundation	3/31/03	\$294,625
14951	Micro, Imuno & Path	HHS-NIH-NIAID-Allergy & Infect Dise	1/15/03	\$39,878,066
14869	Micro, Imuno & Path	DOE - US Department of Energy	1/15/03	\$449,756
15207	Micro, Imuno & Path	NSF - National Science Foundation	2/14/03	\$739,588
15049	Micro, Imuno & Path	USDA-CSREES-Coop State Rsrch Edu &	2/26/03	\$599,744
36058	Micro, Imuno & Path	HHS-NIH-National Institutes of Health	3/28/03	\$1,384,732
15417	Micro, Imuno & Path	NSF - National Science Foundation	3/19/03	\$855,786

\*Includes only proposals identified by the Principal Investigator as "interdepartmental" on the Sponsored Project Approval (SP-1) form. Refer to the following section for detail information.

Fiscal Year(s): 2003; Quarter: 3



**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>	<u>Sponsor</u>	<u>Short Project Title</u>	<u>Start Date</u>	<u>\$ Amount</u>
	<u>Administering Department</u>	<u>End Date</u>	<u>PASS #</u>	
<b>Agricultural Sciences</b>				
<i>Agric &amp; Resource Economics</i>				
Thilmany,Dawn D (Primary PI)	Agric & Resource Econom	American Farmland Trust, Inc. (AFT)	10/1/02	\$9,336
Field,Thomas G (Co-PI)	Animal Sciences	Niche Beef Production and Marketing in Colo	9/1/04	15090
Scanga,John A. (Collaborator)	Animal Sciences	<i>Agric &amp; Resource Economics</i>		
<b>Animal Sciences</b>				
Warren,Lori K. (Primary PI)	Animal Sciences	EPA - Environmental Protection Agency	9/1/03	\$63,108
Davis,Jessica G. (Co-PI)	Soil & Crop Sciences	Spinning Straw Into Gold: Educating the Comm	8/31/04	15119
		<i>Animal Sciences</i>		
Thilmany,Dawn D (Primary PI)	Agric & Resource Econom	American Farmland Trust, Inc. (AFT)	10/1/02	\$9,336
Field,Thomas G (Co-PI)	Animal Sciences	Niche Beef Production and Marketing in Colo	9/1/04	15090
Scanga,John A. (Collaborator)	Animal Sciences	<i>Agric &amp; Resource Economics</i>		
Salman,M D (Primary PI)	Clinical Sciences	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$599,744
Belk,Keith (Co-PI)	Animal Sciences	Effect of Transportation & Lairage on E. Coli O	9/30/05	15049
Morley,Paul S (Co-PI)	Clinical Sciences	<i>Clinical Sciences</i>		
Smith,Gary C (Co-PI)	Animal Sciences			
Grandin,Temple (Collaborator)	Animal Sciences			
Hyatt,Doreene R. (Collaborator)	Micro, Imuno & Path			
Scanga,John A. (Collaborator)	Animal Sciences			

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Agricultural Sciences</b>					
<b>Bioagricultural Sci &amp; Pest Mgmt</b>					
Hufbauer,Ruth A	(Primary PI)	Bioagricultural Sci & Pest M	DOI - US Department of the Interior	6/1/03	\$325,807
Brown,Cynthia S	(Co-PI)	Bioagricultural Sci & Pest M	Understanding the Process of Plant Invasion	5/31/06	14935
Steltzer,Heidi	(Co-PI)	Natural Resource Ecology L	<i>Bioagricultural Sci &amp; Pest Mgmt</i>		
Brown,Cynthia S	(Primary PI)	Bioagricultural Sci & Pest M	NSF - National Science Foundation	7/1/03	\$660,498
Hufbauer,Ruth A	(Co-PI)	Bioagricultural Sci & Pest M	Mechanisms of Plant Invasion in Burned &	7/1/07	14977
Steltzer,Heidi	(Co-PI)	Natural Resource Ecology L	<i>Bioagricultural Sci &amp; Pest Mgmt</i>		
Stohlgren,Thoma	(Co-PI)	Natural Resource Ecology L			
Norton,Andrew P.	(Primary PI)	Bioagricultural Sci & Pest M	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$299,562
Beck,K George	(Co-PI)	Bioagricultural Sci & Pest M	Integrating Intensive Grazing & Biological Con	8/30/07	14975
Rittenhouse,Larry	(Co-PI)	Rangeland Ecosystem Sci	<i>Bioagricultural Sci &amp; Pest Mgmt</i>		
Lapitan,Nora	(Primary PI)	Soil & Crop Sciences	USDA-CSREES-Coop State Rsrch Edu & Ext	10/1/03	\$57,600
Lawrence,Christo	(Co-PI)	Bioagricultural Sci & Pest M	Functional Genomics of Malting in Barley	9/30/04	15151
			<i>Soil &amp; Crop Sciences</i>		
Brown,Cynthia S	(Primary PI)	Bioagricultural Sci & Pest M	DOI-USFWS-Fish & Wildlife Service	5/1/03	\$579,744
Beck,K George	(Co-PI)	Bioagricultural Sci & Pest M	National Wildlife Refuge Russian Knapweed C	6/30/07	15305
Redente,Edward F	(Co-PI)	Rangeland Ecosystem Sci	<i>Bioagricultural Sci &amp; Pest Mgmt</i>		
Byrne,Patrick F	(Primary PI)	No Department	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$264,733
Dunan,Claudio M	(Co-PI)	Bioagricultural Sci & Pest M	Estimating Landscape-level Gene Flow in Whea	8/31/06	15197
Westra,Philip	(Co-PI)	Bioagricultural Sci & Pest M	<i>Soil &amp; Crop Sciences</i>		
Haley,Scott D.	(Collaborator)	Soil & Crop Sciences			
Nissen,Scott J	(Collaborator)	Bioagricultural Sci & Pest M			
Jacobi,William R	(Primary PI)	Bioagricultural Sci & Pest M	Larimer County	5/1/03	\$46,690
Cardon,Grant E	(Co-PI)	Soil & Crop Sciences	Effects of Chloride Salts on Roadside Vegetati	4/30/04	15377
			<i>Bioagricultural Sci &amp; Pest Mgmt</i>		
<b>Horticulture &amp; Landscape Arch</b>					
Byrne,Patrick F	(Primary PI)	No Department	NSF - National Science Foundation	10/1/03	\$3,337,178
Lapitan,Nora	(Co-PI)	Soil & Crop Sciences	Evolutionary Genomics of Drought Tolerance i	9/30/07	14594
Stushnoff,Cecil	(Co-PI)	Horticulture & Landscape A	<i>Soil &amp; Crop Sciences</i>		
Henry,Charles S.	(Primary PI)	Chemistry	HHS-NIH-National Institutes of Health	1/1/04	\$992,891
Haegle,Albert D.	(Co-PI)	Horticulture & Landscape A	New Technologies for Measuring Oxidative D	12/31/08	35986
Thompson,Henry J	(Co-PI)	Horticulture & Landscape A	<i>Chemistry</i>		

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Agricultural Sciences</b>					
<i>Soil &amp; Crop Sciences</i>					
Byrne,Patrick F	(Primary PI)	No Department	NSF - National Science Foundation	10/1/03	\$3,337,178
Lapitan,Nora	(Co-PI)	Soil & Crop Sciences	Evolutionary Genomics of Drought Tolerance i	9/30/07	14594
Stushnoff,Cecil	(Co-PI)	Horticulture & Landscape A	<i>Soil &amp; Crop Sciences</i>		
Lapitan,Nora	(Primary PI)	Soil & Crop Sciences	USDA-CSREES-Coop State Rsrch Edu & Ext	10/1/03	\$57,600
Lawrence,Christo	(Co-PI)	Bioagriculturl Sci & Pest M	Functional Genomics of Malting in Barley	9/30/04	15151
			<i>Soil &amp; Crop Sciences</i>		
Warren,Lori K.	(Primary PI)	Animal Sciences	EPA - Environmental Protection Agency	9/1/03	\$63,108
Davis,Jessica G.	(Co-PI)	Soil & Crop Sciences	Spinning Straw Into Gold: Educating the Comm	8/31/04	15119
			<i>Animal Sciences</i>		
Byrne,Patrick F	(Primary PI)	No Department	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$264,733
Dunan,Claudio M	(Co-PI)	Bioagriculturl Sci & Pest M	Estimating Landscape-level Gene Flow in Whea	8/31/06	15197
Westra,Philip	(Co-PI)	Bioagriculturl Sci & Pest M	<i>Soil &amp; Crop Sciences</i>		
Haley,Scott D.	(Collaborator)	Soil & Crop Sciences			
Nissen,Scott J	(Collaborator)	Bioagriculturl Sci & Pest M			
Jacobi,William R	(Primary PI)	Bioagriculturl Sci & Pest M	Larimer County	5/1/03	\$46,690
Cardon,Grant E	(Co-PI)	Soil & Crop Sciences	Effects of Chloride Salts on Roadside Vegetati	4/30/04	15377
			<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		
Ogle,Stephen M	(Primary PI)	Natural Resource Ecology L	EPA - Environmental Protection Agency	4/1/03	\$24,949
Paustian,Keith H.	(Co-PI)	Soil & Crop Sciences	National Greenhouse Gas Inventory Tasks for 2	3/31/04	36105
Breidt,F Jay	(Collaborator)	Statistics	<i>Natural Resource Ecology Lab</i>		
Conant,Richard T	(Primary PI)	Natural Resource Ecology L	NSF - National Science Foundation	7/1/03	\$1,999,450
Paustian,Keith H.	(Co-PI)	Soil & Crop Sciences	Decoupling of C & N Cycling in Disturbed	6/30/08	14817
Schutter,Mary E.	(Co-PI)	Soil & Crop Sciences	<i>Natural Resource Ecology Lab</i>		

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Applied Human Sciences</b>					
<i>Dept Of Health &amp; Exercise Sci</i>					
Gilkey,David P.	(Primary PI)	Env & Rad Health Sci	HHS-NIH-National Institutes of Health	7/1/03	\$338,624
Hanneman,Willia	(Co-PI)	Env & Rad Health Sci	Chiropractic Spinal Manipulation Therapy & t	6/30/05	14937
Keefe,Thomas J	(Co-PI)	Env & Rad Health Sci	<i>Env &amp; Rad Health Sci</i>		
Nelson,Tracy L.	(Co-PI)	Dept Of Health & Exercis			
Burch,James B	(Collaborator)	Env & Rad Health Sci			
Legare,Marie E	(Collaborator)	Env & Rad Health Sci			
<b>Social Work</b>					
Bubar,Roe	(Primary PI)	Social Work	DOJ-OJP-NIJ-National Inst. of Justice	9/15/03	\$230,261
Shears,Jeffrey	(Co-PI)	Social Work	Research on Child Sexual Abuse Cases of Ame	9/14/05	51438
Valdez,Norberto	(Co-PI)	Anthropology	<i>Ctr Applied Stu Amer Ethnicity</i>		
Vernon,Irene	(Co-PI)	Ctr Applied Stu Amer Ethn			
<b>Business</b>					
<i>Computer Information Systems</i>					
Clegg,Benjamin A	(Primary PI)	Psychology	The Boeing Company	3/1/03	\$619,604
Smith,Charles A.	(Co-PI)	Computer Information Sy	Closed Loop System for Cognitive Workload	9/30/05	15121
Young,Peter	(Co-PI)	Elec. & Computer Enginee	<i>Psychology</i>		
<b>Marketing</b>					
Swaim,Randall C	(Primary PI)	Psychology	University of Colorado	9/1/03	\$137,227
Kelly,Kathleen J	(Co-PI)	Marketing	Effect of Social Context on Response to	8/31/05	14972
Deffenbacher,Jerr	(Collaborator)	Psychology	<i>Psychology</i>		
Oetting,Eugene R	(Collaborator)	Psychology			
Slater,Michael D	(Collaborator)	Journalism & Technical Co			

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Engineering</b>					
<i>Atmospheric Science</i>					
Zupanski, Milija	(Primary PI)	Cira	NSF - National Science Foundation	7/1/03	\$402,602
Randall, David A	(Co-PI)	Atmospheric Science	Ensemble Data Assimilation Based on Control <i>Cira</i>	6/30/06	15300
<b>Chemical Engineering</b>					
Orton, E Christop	(Primary PI)	Clinical Sciences	HHS-NIH-National Institutes of Health	1/1/04	\$1,351,509
Billinghurst, R Cla	(Collaborator)	Clinical Sciences	Xenogenic Tissue-Engineered Heart Valve	12/31/07	15039
Dow, Steven W.	(Collaborator)	Clinical Sciences	<i>Clinical Sciences</i>		
Griffiths, Leigh G.	(Collaborator)	Clinical Sciences			
Rinker, Kristina D	(Collaborator)	Chemical Engineering			
Wheeler, Donna	(Collaborator)	Mechanical Engineering			
Reardon, Kenneth F	(Primary PI)	Chemical Engineering	DOE - US Department of Energy	10/1/03	\$449,756
Duteau, Nancy M.	(Co-PI)	Micro, Imuno & Path	Elucidating Basic Mechanisms of <i>Chemical Engineering</i>	9/30/06	14869
Wickramasinghe,	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	9/1/03	\$739,588
Carlson, Jonathan O	(Collaborator)	Micro, Imuno & Path	Membrane Chromatography	8/31/06	15207
Grainger, David W	(Collaborator)	Chemistry	<i>Chemical Engineering</i>		
Wheeler, Donna	(Primary PI)	Mechanical Engineering	NSF - National Science Foundation	7/1/03	\$423,531
Ehrhart, Nicole P.	(Collaborator)	Clinical Sciences	Micro-Imaging & Mini-Mechanics Instrumen	6/30/06	14985
James, Susan P	(Collaborator)	Mechanical Engineering	<i>Mechanical Engineering</i>		
Kawcak, Christop	(Collaborator)	Clinical Sciences			
Macleay, Jennifer M	(Collaborator)	Clinical Sciences			
Pluhar, G Elizabe	(Collaborator)	Clinical Sciences			
Rinker, Kristina D	(Collaborator)	Chemical Engineering			
Turner, Anthony S	(Collaborator)	Clinical Sciences			
Watson, A Ted	(Primary PI)	Chemical Engineering	HHS-NIH-National Institutes of Health	7/1/03	\$1,412,932
Dandy, David S	(Co-PI)	Chemical Engineering	Nuclear Magnetic Resonance Probes of Biolo	6/30/07	35976
Ehrhart, Nicole P.	(Collaborator)	Clinical Sciences	<i>Chemical Engineering</i>		
Michalak, Rudiger	(Collaborator)	Chemical Engineering			
Reardon, Kenneth F	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	8/1/03	\$748,745
Lear, Kevin	(Co-PI)	Elec. & Computer Enginee	SENSORS: Advanced Biosensor Technology U	7/31/06	15393
			<i>Chemical Engineering</i>		
Reardon, Kenneth F	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	10/1/03	\$855,786
Duteau, Nancy M.	(Co-PI)	Micro, Imuno & Path	Enhanced Biocatalysis & Chlorinated Ethene	9/30/06	15417
			<i>Chemical Engineering</i>		

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Engineering</b>					
<i>Cira</i>					
Matsumoto,Cliffo	(Primary PI)	Cira	UCAR-NCAR-COMET Atmospheric Tech. Di	4/1/03	\$10,783,253
Geary,Edward E	(Co-PI)	Center For Sci, Math & T	Inspiring the Next Generation of Explorers: Th	9/30/08	14934
			<i>Cira</i>		
Zupanski,Milija	(Primary PI)	Cira	NSF - National Science Foundation	7/1/03	\$402,602
Randall,David A	(Co-PI)	Atmospheric Science	Ensemble Data Assimilation Based on Control	6/30/06	15300
			<i>Cira</i>		
<b>Civil Engineering</b>					
Elhakim,Omnia	(Primary PI)	Civil Engineering	NSF - National Science Foundation	7/1/03	\$32,870,552
Gorell,Thomas A	(Co-PI)	Center For Life Sciences	Colorado Louis Stokes Alliance for Minority	6/30/08	14640
			<i>Dean Of Engineering</i>		
Pruden,Amy	(Primary PI)	Civil Engineering	NSF - National Science Foundation	9/1/03	\$50,000
Collins,George J	(Co-PI)	Elec. & Computer Enginee	Dense Media Plasma Applications for	8/29/04	15218
			<i>Civil Engineering</i>		
Pruden,Amy	(Primary PI)	Civil Engineering	NineSigma, Inc.	7/1/03	\$50,000
Collins,George J	(Co-PI)	Elec. & Computer Enginee	Application of an RF Driven Dense Medium P	12/31/03	15350
			<i>Civil Engineering</i>		
Elhakim,Omnia	(Primary PI)	Civil Engineering	NSF - National Science Foundation	8/30/03	\$400,000
Pellicane,Patrick J	(Co-PI)	Graduate School	Fast Track to Work: Scholarship Program for	8/29/07	15157
			<i>Graduate School</i>		
Grigg,Neil S	(Primary PI)	Civil Engineering	NSF - National Science Foundation	1/1/04	\$317,651
Vlachos,Evan C	(Co-PI)	Sociology	Design for Protection of Critical Infrastructure	12/31/06	15203
			<i>Civil Engineering</i>		

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Engineering</b>					
<i>Elec. &amp; Computer Engineering</i>					
Clegg,Benjamin A	(Primary PI)	Psychology	The Boeing Company	3/1/03	\$619,604
Smith,Charles A.	(Co-PI)	Computer Information Sy	Closed Loop System for Cognitive Workload	9/30/05	15121
Young,Peter	(Co-PI)	Elec. & Computer Enginee	<i>Psychology</i>		
Collins,George J	(Primary PI)	Elec. & Computer Enginee	Southwest Research Institute	5/1/03	\$400,000
Williams,John D.	(Collaborator)	Mechanical Engineering	Atmospheric Plasma Source for Diamond Dep	4/30/06	15144
Yu,Zengqi	(Collaborator)	Elec. & Computer Enginee	<i>Elec. &amp; Computer Engineering</i>		
Pruden,Amy	(Primary PI)	Civil Engineering	NSF - National Science Foundation	9/1/03	\$50,000
Collins,George J	(Co-PI)	Elec. & Computer Enginee	Dense Media Plasma Applications for <i>Civil Engineering</i>	8/29/04	15218
Pruden,Amy	(Primary PI)	Civil Engineering	NineSigma, Inc.	7/1/03	\$50,000
Collins,George J	(Co-PI)	Elec. & Computer Enginee	Application of an RF Driven Dense Medium P <i>Civil Engineering</i>	12/31/03	15350
Reardon,Kenneth F	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	8/1/03	\$748,745
Lear,Kevin	(Co-PI)	Elec. & Computer Enginee	SENSORS: Advanced Biosensor Technology U <i>Chemical Engineering</i>	7/31/06	15393

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**Interdepartmental Proposals - Detail\***  
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<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Engineering</b>					
<i>Mechanical Engineering</i>					
Orton,E Christop	(Primary PI)	Clinical Sciences	HHS-NIH-National Institutes of Health	1/1/04	\$1,351,509
Billinghurst,R Cla	(Collaborator)	Clinical Sciences	Xenogenic Tissue-Engineered Heart Valve	12/31/07	15039
Dow,Steven W.	(Collaborator)	Clinical Sciences	<i>Clinical Sciences</i>		
Griffiths,Leigh G.	(Collaborator)	Clinical Sciences			
Rinker,Kristina D	(Collaborator)	Chemical Engineering			
Wheeler,Donna	(Collaborator)	Mechanical Engineering			
Bookin-Weiner,Je	(Primary PI)	International Programs	DOS - US Department of State	6/1/03	\$25,000
Willson,Bryan D	(Co-PI)	Mechanical Engineering	Nepal/US Collaboration on Hydrogen <i>International Programs</i>	5/31/05	15210
Collins,George J	(Primary PI)	Elec. & Computer Enginee	Southwest Research Institute	5/1/03	\$400,000
Williams,John D.	(Collaborator)	Mechanical Engineering	Atmospheric Plasma Source for Diamond Dep	4/30/06	15144
Yu,Zengqi	(Collaborator)	Elec. & Computer Enginee	<i>Elec. &amp; Computer Engineering</i>		
Wheeler,Donna	(Primary PI)	Mechanical Engineering	NSF - National Science Foundation	7/1/03	\$423,531
Ehrhart,Nicole P.	(Collaborator)	Clinical Sciences	Micro-Imaging & Mini-Mechanics Instrumen	6/30/06	14985
James,Susan P	(Collaborator)	Mechanical Engineering	<i>Mechanical Engineering</i>		
Kawcak,Christop	(Collaborator)	Clinical Sciences			
Macleay,Jennifer M	(Collaborator)	Clinical Sciences			
Pluhar,G Elizabe	(Collaborator)	Clinical Sciences			
Rinker,Kristina D	(Collaborator)	Chemical Engineering			
Turner,Anthony S	(Collaborator)	Clinical Sciences			

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<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Liberal Arts</b>					
<b><i>Anthropology</i></b>					
Bubar,Roe	(Primary PI)	Social Work	DOJ-OJP-NIJ-National Inst. of Justice	9/15/03	\$230,261
Shears,Jeffrey	(Co-PI)	Social Work	Research on Child Sexual Abuse Cases of Ame	9/14/05	51438
Valdez,Norberto	(Co-PI)	Anthropology	<i>Ctr Applied Stu Amer Ethnicity</i>		
Vernon,Irene	(Co-PI)	Ctr Applied Stu Amer Ethn			
<b><i>Ctr Applied Stu Amer Ethnicity</i></b>					
Bubar,Roe	(Primary PI)	Social Work	DOJ-OJP-NIJ-National Inst. of Justice	9/15/03	\$230,261
Shears,Jeffrey	(Co-PI)	Social Work	Research on Child Sexual Abuse Cases of Ame	9/14/05	51438
Valdez,Norberto	(Co-PI)	Anthropology	<i>Ctr Applied Stu Amer Ethnicity</i>		
Vernon,Irene	(Co-PI)	Ctr Applied Stu Amer Ethn			
<b><i>Journalism &amp; Technical Comm</i></b>					
Swaim,Randall C	(Primary PI)	Psychology	University of Colorado	9/1/03	\$137,227
Kelly,Kathleen J	(Co-PI)	Marketing	Effect of Social Context on Response to	8/31/05	14972
Deffenbacher,Jerr	(Collaborator)	Psychology	<i>Psychology</i>		
Oetting,Eugene R	(Collaborator)	Psychology			
Slater,Michael D	(Collaborator)	Journalism & Technical Co			
<b><i>Sociology</i></b>					
Ramsdell,Howard	(Primary PI)	Env & Rad Health Sci	HHS-DRR-Fogarty International Center	7/1/03	\$267,050
Murray,Douglas L	(Collaborator)	Sociology	Environmental Change in a Developing Area o	6/30/05	14748
Reif,John S	(Collaborator)	Env & Rad Health Sci	<i>Env &amp; Rad Health Sci</i>		
Grigg,Neil S	(Primary PI)	Civil Engineering	NSF - National Science Foundation	1/1/04	\$317,651
Vlachos,Evan C	(Co-PI)	Sociology	Design for Protection of Critical Infrastructure	12/31/06	15203
			<i>Civil Engineering</i>		

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<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Natural Resources</b>					
<b><i>Earth Resources</i></b>					
Johnson,James Br	(Primary PI)	Biology	EPA - Environmental Protection Agency	1/1/04	\$604,998
Rathburn,Sara L.	(Co-PI)	Earth Resources	Wetland-Based Watershed Classification as a M	1/1/07	15106
Rocchio,Joseph F	(Co-PI)	Fish & Wildlife Biology	<i>Biology</i>		
<b><i>Fish &amp; Wildlife Biology</i></b>					
Johnson,James Br	(Primary PI)	Biology	EPA - Environmental Protection Agency	1/1/04	\$604,998
Rathburn,Sara L.	(Co-PI)	Earth Resources	Wetland-Based Watershed Classification as a M	1/1/07	15106
Rocchio,Joseph F	(Co-PI)	Fish & Wildlife Biology	<i>Biology</i>		
<b><i>Natural Resource Ecology Lab</i></b>					
Hufbauer,Ruth A	(Primary PI)	Bioagriculturl Sci & Pest M	DOI - US Department of the Interior	6/1/03	\$325,807
Brown,Cynthia S	(Co-PI)	Bioagriculturl Sci & Pest M	Understanding the Process of Plant Invasion	5/31/06	14935
Steltzer,Heidi	(Co-PI)	Natural Resource Ecology L	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		
Brown,Cynthia S	(Primary PI)	Bioagriculturl Sci & Pest M	NSF - National Science Foundation	7/1/03	\$660,498
Hufbauer,Ruth A	(Co-PI)	Bioagriculturl Sci & Pest M	Mechanisms of Plant Invasion in Burned &	7/1/07	14977
Steltzer,Heidi	(Co-PI)	Natural Resource Ecology L	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		
Stohlgren,Thoma	(Co-PI)	Natural Resource Ecology L			
Ogle,Stephen M	(Primary PI)	Natural Resource Ecology L	EPA - Environmental Protection Agency	4/1/03	\$24,949
Paustian,Keith H.	(Co-PI)	Soil & Crop Sciences	National Greenhouse Gas Inventory Tasks for 2	3/31/04	36105
Breidt,F Jay	(Collaborator)	Statistics	<i>Natural Resource Ecology Lab</i>		
Baron,Jill	(Primary PI)	Natural Resource Ecology L	NSF - National Science Foundation	9/1/03	\$1,399,200
Maciel,Gary E	(Co-PI)	Chemistry	Carbon Fluxes in a Nitrogen-Rich World.....	8/31/06	14907
			<i>Natural Resource Ecology Lab</i>		
Conant,Richard T	(Primary PI)	Natural Resource Ecology L	NSF - National Science Foundation	7/1/03	\$1,999,450
Paustian,Keith H.	(Co-PI)	Soil & Crop Sciences	Decoupling of C & N Cycling in Disturbed	6/30/08	14817
Schutter,Mary E.	(Co-PI)	Soil & Crop Sciences	<i>Natural Resource Ecology Lab</i>		
<b><i>Rangeland Ecosystem Science</i></b>					
Norton,Andrew P.	(Primary PI)	Bioagriculturl Sci & Pest M	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$299,562
Beck,K George	(Co-PI)	Bioagriculturl Sci & Pest M	Integrating Intensive Grazing & Biological Con	8/30/07	14975
Rittenhouse,Larry	(Co-PI)	Rangeland Ecosystem Sci	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		
Brown,Cynthia S	(Primary PI)	Bioagriculturl Sci & Pest M	DOI-USFWS-Fish & Wildlife Service	5/1/03	\$579,744
Beck,K George	(Co-PI)	Bioagriculturl Sci & Pest M	National Wildlife Refuge Russian Knapweed C	6/30/07	15305
Redente,Edward F	(Co-PI)	Rangeland Ecosystem Sci	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		

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<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Natural Sciences</b>					
<i>Biology</i>					
Johnson,James Br	(Primary PI)	Biology	EPA - Environmental Protection Agency	1/1/04	\$604,998
Rathburn,Sara L.	(Co-PI)	Earth Resources	Wetland-Based Watershed Classification as a M	1/1/07	15106
Rocchio,Joseph F	(Co-PI)	Fish & Wildlife Biology	<i>Biology</i>		
<hr/>					
<i>Center For Sci, Math &amp; Tech Ed</i>					
Gorell,Thomas A	(Primary PI)	Center For Life Sciences	University of Northern Colorado	10/1/03	\$2,983,433
Geary,Edward E	(Co-PI)	Center For Sci, Math & T	Northern Colorado High Plains Science Partn	9/30/09	14940
			<i>Center For Life Sciences</i>		
<hr/>					
Matsumoto,Cliffo	(Primary PI)	Cira	UCAR-NCAR-COMET Atmospheric Tech. Di	4/1/03	\$10,783,253
Geary,Edward E	(Co-PI)	Center For Sci, Math & T	Inspiring the Next Generation of Explorers: Th	9/30/08	14934
			<i>Cira</i>		
<hr/>					
<i>Chemistry</i>					
Fisher,Ellen R	(Primary PI)	Chemistry	NSF - National Science Foundation	7/1/03	\$535,131
			Fundamental Experimental & Theoretical Stu	6/30/06	14969
			<i>Chemistry</i>		
<hr/>					
Wickramasinghe,	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	9/1/03	\$739,588
Carlson,Jonathan O	(Collaborator)	Micro, Imuno & Path	Membrane Chromatography	8/31/06	15207
Grainger,David W	(Collaborator)	Chemistry	<i>Chemical Engineering</i>		
<hr/>					
Grainger,David W	(Primary PI)	Chemistry	HHS-NIH-National Institutes of Health	11/1/03	\$1,384,732
Gonzalez-Juarrer	(Co-PI)	Micro, Imuno & Path	Macrophage Models for Foreign Body Infla	10/31/07	36058
Hanneman,Willia	(Co-PI)	Env & Rad Health Sci	<i>Chemistry</i>		
<hr/>					
Henry,Charles S.	(Primary PI)	Chemistry	HHS-NIH-National Institutes of Health	1/1/04	\$992,891
Haegele,Albert D.	(Co-PI)	Horticulture & Landscape A	New Technologies for Measuring Oxidative D	12/31/08	35986
Thompson,Henry J	(Co-PI)	Horticulture & Landscape A	<i>Chemistry</i>		
<hr/>					
Baron,Jill	(Primary PI)	Natural Resource Ecology L	NSF - National Science Foundation	9/1/03	\$1,399,200
Maciel,Gary E	(Co-PI)	Chemistry	Carbon Fluxes in a Nitrogen-Rich World.....	8/31/06	14907
			<i>Natural Resource Ecology Lab</i>		

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**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Natural Sciences</b>					
<i>Computer Science</i>					
Kirby,Michael J	(Primary PI)	Mathematics	NSF - National Science Foundation	8/15/03	\$3,872,184
Beveridge,J Ross	(Co-PI)	Computer Science	A Center for Pattern Discovery in High Dimen	8/24/08	15072
Draper,Bruce	(Co-PI)	Computer Science	<i>Mathematics</i>		
Anderson,Charles	(Collaborator)	Computer Science			
Bohm,Anton Wil	(Collaborator)	Computer Science			
Givens,Geof H	(Collaborator)	Statistics			
Kley,Holger P.	(Collaborator)	Mathematics			
Peterson,Christop	(Collaborator)	Mathematics			
Tavener,Simon J.	(Collaborator)	Mathematics			
<b>Mathematics</b>					
<i>Mathematics</i>					
Kirby,Michael J	(Primary PI)	Mathematics	NSF - National Science Foundation	8/15/03	\$3,872,184
Beveridge,J Ross	(Co-PI)	Computer Science	A Center for Pattern Discovery in High Dimen	8/24/08	15072
Draper,Bruce	(Co-PI)	Computer Science	<i>Mathematics</i>		
Anderson,Charles	(Collaborator)	Computer Science			
Bohm,Anton Wil	(Collaborator)	Computer Science			
Givens,Geof H	(Collaborator)	Statistics			
Kley,Holger P.	(Collaborator)	Mathematics			
Peterson,Christop	(Collaborator)	Mathematics			
Tavener,Simon J.	(Collaborator)	Mathematics			
<b>Psychology</b>					
<i>Psychology</i>					
Swaim,Randall C	(Primary PI)	Psychology	University of Colorado	9/1/03	\$137,227
Kelly,Kathleen J	(Co-PI)	Marketing	Effect of Social Context on Response to	8/31/05	14972
Deffenbacher,Jerr	(Collaborator)	Psychology	<i>Psychology</i>		
Oetting,Eugene R	(Collaborator)	Psychology			
Slater,Michael D	(Collaborator)	Journalism & Technical Co			
Clegg,Benjamin A	(Primary PI)	Psychology	The Boeing Company	3/1/03	\$619,604
Smith,Charles A.	(Co-PI)	Computer Information Sy	Closed Loop System for Cognitive Workload	9/30/05	15121
Young,Peter	(Co-PI)	Elec. & Computer Enginee	<i>Psychology</i>		

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<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Natural Sciences</b>					
<i>Statistics</i>					
Kirby,Michael J	(Primary PI)	Mathematics	NSF - National Science Foundation	8/15/03	\$3,872,184
Beveridge,J Ross	(Co-PI)	Computer Science	A Center for Pattern Discovery in High Dimen	8/24/08	15072
Draper,Bruce	(Co-PI)	Computer Science	<i>Mathematics</i>		
Anderson,Charles	(Collaborator)	Computer Science			
Bohm,Anton Wil	(Collaborator)	Computer Science			
Givens,Geof H	(Collaborator)	Statistics			
Kley,Holger P.	(Collaborator)	Mathematics			
Peterson,Christop	(Collaborator)	Mathematics			
Tavener,Simon J.	(Collaborator)	Mathematics			
Ogle,Stephen M	(Primary PI)	Natural Resource Ecology L	EPA - Environmental Protection Agency	4/1/03	\$24,949
Paustian,Keith H.	(Co-PI)	Soil & Crop Sciences	National Greenhouse Gas Inventory Tasks for 2	3/31/04	36105
Breidt,F Jay	(Collaborator)	Statistics	<i>Natural Resource Ecology Lab</i>		

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			<u>Short Project Title</u>	<u>End Date</u>	<u>PASS #</u>
			<u>Administering Department</u>		
<b>Other</b>					
<i>Center For Life Sciences</i>					
Gorell,Thomas A	(Primary PI)	Center For Life Sciences	University of Northern Colorado	10/1/03	\$2,983,433
Geary,Edward E	(Co-PI)	Center For Sci, Math & T	Northern Colorado High Plains Science Partn	9/30/09	14940
			<i>Center For Life Sciences</i>		
Elhakim,Omnia	(Primary PI)	Civil Engineering	NSF - National Science Foundation	7/1/03	\$32,870,552
Gorell,Thomas A	(Co-PI)	Center For Life Sciences	Colorado Louis Stokes Alliance for Minority	6/30/08	14640
			<i>Dean Of Engineering</i>		
<i>Graduate School</i>					
Elhakim,Omnia	(Primary PI)	Civil Engineering	NSF - National Science Foundation	8/30/03	\$400,000
Pellicane,Patrick J	(Co-PI)	Graduate School	Fast Track to Work: Scholarship Program for	8/29/07	15157
			<i>Graduate School</i>		
<i>International Programs</i>					
Bookin-Weiner,Je	(Primary PI)	International Programs	DOS - US Department of State	6/1/03	\$25,000
Willson,Bryan D	(Co-PI)	Mechanical Engineering	Nepal/US Collaboration on Hydrogen	5/31/05	15210
			<i>International Programs</i>		
<i>No Department</i>					
Byrne,Patrick F	(Primary PI)	No Department	NSF - National Science Foundation	10/1/03	\$3,337,178
Lapitan,Nora	(Co-PI)	Soil & Crop Sciences	Evolutionary Genomics of Drought Tolerance i	9/30/07	14594
Stushnoff,Cecil	(Co-PI)	Horticulture & Landscape A	<i>Soil &amp; Crop Sciences</i>		
Byrne,Patrick F	(Primary PI)	No Department	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$264,733
Dunan,Claudio M	(Co-PI)	Bioagriculturl Sci & Pest M	Estimating Landscape-level Gene Flow in Whea	8/31/06	15197
Westra,Philip	(Co-PI)	Bioagriculturl Sci & Pest M	<i>Soil &amp; Crop Sciences</i>		
Haley,Scott D.	(Collaborator)	Soil & Crop Sciences			
Nissen,Scott J	(Collaborator)	Bioagriculturl Sci & Pest M			

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Vet. Medicine &amp; Biomedical Sciences</b>					
<i>Clinical Sciences</i>					
Orton,E Christop	(Primary PI)	Clinical Sciences	HHS-NIH-National Institutes of Health	1/1/04	\$1,351,509
Billinghurst,R Cla	(Collaborator)	Clinical Sciences	Xenogenic Tissue-Engineered Heart Valve	12/31/07	15039
Dow,Steven W.	(Collaborator)	Clinical Sciences	<i>Clinical Sciences</i>		
Griffiths,Leigh G.	(Collaborator)	Clinical Sciences			
Rinker,Kristina D	(Collaborator)	Chemical Engineering			
Wheeler,Donna	(Collaborator)	Mechanical Engineering			
McConnell,Sherry	(Primary PI)	Clinical Sciences	HHS-Health Resources & Services Admin.	8/1/03	\$549,890
Gionfriddo,Juliet R	(Co-PI)	Clinical Sciences	Colorado State University Vet Prep	7/31/06	15208
Kogan,Lori R.	(Co-PI)	Clinical Sciences	<i>Clinical Sciences</i>		
Swetich,Kelly M.	(Collaborator)	Dean Of Vet Medicine			
Salman,M D	(Primary PI)	Clinical Sciences	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$599,744
Belk,Keith	(Co-PI)	Animal Sciences	Effect of Transportation & Lairage on E. Coli O	9/30/05	15049
Morley,Paul S	(Co-PI)	Clinical Sciences	<i>Clinical Sciences</i>		
Smith,Gary C	(Co-PI)	Animal Sciences			
Grandin,Temple	(Collaborator)	Animal Sciences			
Hyatt,Doreene R.	(Collaborator)	Micro, Imuno & Path			
Scanga,John A.	(Collaborator)	Animal Sciences			
Wheeler,Donna	(Primary PI)	Mechanical Engineering	NSF - National Science Foundation	7/1/03	\$423,531
Ehrhart,Nicole P.	(Collaborator)	Clinical Sciences	Micro-Imaging & Mini-Mechanics Instrumen	6/30/06	14985
James,Susan P	(Collaborator)	Mechanical Engineering	<i>Mechanical Engineering</i>		
Kawcak,Christop	(Collaborator)	Clinical Sciences			
Macleay,Jennifer M	(Collaborator)	Clinical Sciences			
Pluhar,G Elizabe	(Collaborator)	Clinical Sciences			
Rinker,Kristina D	(Collaborator)	Chemical Engineering			
Turner,Anthony S	(Collaborator)	Clinical Sciences			
Watson,A Ted	(Primary PI)	Chemical Engineering	HHS-NIH-National Institutes of Health	7/1/03	\$1,412,932
Dandy,David S	(Co-PI)	Chemical Engineering	Nuclear Magnetic Resonance Probes of Biolo	6/30/07	35976
Ehrhart,Nicole P.	(Collaborator)	Clinical Sciences	<i>Chemical Engineering</i>		
Michalak,Rudiger	(Collaborator)	Chemical Engineering			
Larue,Susan M	(Primary PI)	Env & Rad Health Sci	Morris Animal Foundation	4/1/03	\$294,625
Gustafson,Nancy R	(Collaborator)	Env & Rad Health Sci	Radiation Therapy Sandwiched with Aggressiv	3/31/06	15133
Lana,Susan E	(Collaborator)	Clinical Sciences	<i>Env &amp; Rad Health Sci</i>		
<i>Dean Of Vet Medicine</i>					
McConnell,Sherry	(Primary PI)	Clinical Sciences	HHS-Health Resources & Services Admin.	8/1/03	\$549,890
Gionfriddo,Juliet R	(Co-PI)	Clinical Sciences	Colorado State University Vet Prep	7/31/06	15208
Kogan,Lori R.	(Co-PI)	Clinical Sciences	<i>Clinical Sciences</i>		
Swetich,Kelly M.	(Collaborator)	Dean Of Vet Medicine			

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Vet. Medicine &amp; Biomedical Sciences</b>					
<i>Env &amp; Rad Health Sci</i>					
Ramsdell,Howard	(Primary PI)	Env & Rad Health Sci	HHS-DRR-Fogarty International Center	7/1/03	\$267,050
Murray,Douglas L	(Collaborator)	Sociology	Environmental Change in a Developing Area o	6/30/05	14748
Reif,John S	(Collaborator)	Env & Rad Health Sci	<i>Env &amp; Rad Health Sci</i>		
Gilkey,David P.	(Primary PI)	Env & Rad Health Sci	HHS-NIH-National Institutes of Health	7/1/03	\$338,624
Hanneman,Willia	(Co-PI)	Env & Rad Health Sci	Chiropractic Spinal Manipulation Therapy & t	6/30/05	14937
Keefe,Thomas J	(Co-PI)	Env & Rad Health Sci	<i>Env &amp; Rad Health Sci</i>		
Nelson,Tracy L.	(Co-PI)	Dept Of Health & Exercis			
Burch,James B	(Collaborator)	Env & Rad Health Sci			
Legare,Marie E	(Collaborator)	Env & Rad Health Sci			
Grainger,David W	(Primary PI)	Chemistry	HHS-NIH-National Institutes of Health	11/1/03	\$1,384,732
Gonzalez-Juarrer	(Co-PI)	Micro, Imuno & Path	Macrophage Models for Foreign Body Infla	10/31/07	36058
Hanneman,Willia	(Co-PI)	Env & Rad Health Sci	<i>Chemistry</i>		
Kraft,Susan L.	(Primary PI)	Env & Rad Health Sci	AMC Cancer Research Center	7/1/03	\$120,424
			2-Methoxyestradiol in Prostate Cancer Manage	6/30/07	36064
			<i>Env &amp; Rad Health Sci</i>		
Larue,Susan M	(Primary PI)	Env & Rad Health Sci	Morris Animal Foundation	4/1/03	\$294,625
Gustafson,Nancy R	(Collaborator)	Env & Rad Health Sci	Radiation Therapy Sandwiched with Aggressiv	3/31/06	15133
Lana,Susan E	(Collaborator)	Clinical Sciences	<i>Env &amp; Rad Health Sci</i>		

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**Interdepartmental Proposals - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>PASS #</u>
<b>Vet. Medicine &amp; Biomedical Sciences</b>					
<i>Micro, Imuno &amp; Path</i>					
Beaty, Barry J	(Primary PI)	Micro, Imuno & Path	HHS-NIH-NIAID-Allergy & Infect Diseases Region VIII Research Center for Excellence f <i>Micro, Imuno &amp; Path</i>	8/1/03 7/30/08	\$39,878,066 14951
Reardon, Kenneth F	(Primary PI)	Chemical Engineering	DOE - US Department of Energy	10/1/03	\$449,756
Duteau, Nancy M.	(Co-PI)	Micro, Imuno & Path	Elucidating Basic Mechanisms of <i>Chemical Engineering</i>	9/30/06	14869
Wickramasinghe,	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	9/1/03	\$739,588
Carlson, Jonathan O	(Collaborator)	Micro, Imuno & Path	Membrane Chromatography	8/31/06	15207
Grainger, David W	(Collaborator)	Chemistry	<i>Chemical Engineering</i>		
Salman, M D	(Primary PI)	Clinical Sciences	USDA-CSREES-Coop State Rsrch Edu & Ext	9/1/03	\$599,744
Belk, Keith	(Co-PI)	Animal Sciences	Effect of Transportation & Lairage on E. Coli O	9/30/05	15049
Morley, Paul S	(Co-PI)	Clinical Sciences	<i>Clinical Sciences</i>		
Smith, Gary C	(Co-PI)	Animal Sciences			
Grandin, Temple	(Collaborator)	Animal Sciences			
Hyatt, Doreene R.	(Collaborator)	Micro, Imuno & Path			
Scanga, John A.	(Collaborator)	Animal Sciences			
Grainger, David W	(Primary PI)	Chemistry	HHS-NIH-National Institutes of Health	11/1/03	\$1,384,732
Gonzalez-Juarrer	(Co-PI)	Micro, Imuno & Path	Macrophage Models for Foreign Body Infla	10/31/07	36058
Hanneman, Willia	(Co-PI)	Env & Rad Health Sci	<i>Chemistry</i>		
Reardon, Kenneth F	(Primary PI)	Chemical Engineering	NSF - National Science Foundation	10/1/03	\$855,786
Duteau, Nancy M.	(Co-PI)	Micro, Imuno & Path	Enhanced Biocatalysis & Chlorinated Ethene <i>Chemical Engineering</i>	9/30/06	15417

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**Interdepartmental Awards**  
**Fiscal Year 2003 3rd Quarter (January - March)**

**Interdepartmental Awards - Summary\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

**Agricultural Sciences**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Awarded</u>	<u>\$ Amount</u>
12491	Agric & Resource Economics	Utah State University	3/28/03	\$24,980
13201	Agric & Resource Economics	CCHE-Commission on Higher Education	3/10/03	\$59,852
15090	Agric & Resource Economics	American Farmland Trust, Inc. (AFT)	2/27/03	\$9,336
12491	Animal Sciences	Utah State University	3/28/03	\$24,980
13201	Animal Sciences	CCHE-Commission on Higher Education	3/10/03	\$59,852
15090	Animal Sciences	American Farmland Trust, Inc. (AFT)	2/27/03	\$9,336
13065	Bioagriculturl Sci & Pest Mgmt	Univ. of Texas Medical Branch/Galvesto	1/13/03	\$933,365
13287	Bioagriculturl Sci & Pest Mgmt	USDA-ARS-Agricultural Research Ser	1/6/03	\$31,375
12491	Horticulture & Landscape Arch	Utah State University	3/28/03	\$24,980
12491	Soil & Crop Sciences	Utah State University	3/28/03	\$24,980
13344	Soil & Crop Sciences	Kansas State University	1/24/03	\$116,216
13387	Soil & Crop Sciences	Kansas State University	1/24/03	\$272,996
13388	Soil & Crop Sciences	Kansas State University	1/24/03	\$336,859
13389	Soil & Crop Sciences	Kansas State University	1/24/03	\$171,096
13390	Soil & Crop Sciences	Kansas State University	1/24/03	\$48,346
13344	Soil & Crop Sciences	Kansas State University	1/24/03	\$29,999

**Engineering**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Awarded</u>	<u>\$ Amount</u>
13287	Mechanical Engineering	USDA-ARS-Agricultural Research Ser	1/6/03	\$31,375

**Natural Resources**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Awarded</u>	<u>\$ Amount</u>
10319	Fish & Wildlife Biology	Utah State University	3/26/03	\$26,500
13344	Natural Resource Ecology Lab	Kansas State University	1/24/03	\$116,216
13387	Natural Resource Ecology Lab	Kansas State University	1/24/03	\$272,996
13389	Natural Resource Ecology Lab	Kansas State University	1/24/03	\$171,096
13390	Natural Resource Ecology Lab	Kansas State University	1/24/03	\$48,346
13344	Natural Resource Ecology Lab	Kansas State University	1/24/03	\$29,999

**Other**

<u>PASS #</u>	<u>Participating Department</u>	<u>Sponsor</u>	<u>Date Awarded</u>	<u>\$ Amount</u>
10319	Colorado State Forest Svc-Csu	Utah State University	3/26/03	\$26,500
12449	Cooperative Extension	Utah State University	2/19/03	\$20,685
10319	Cooperative Extension	Utah State University	3/26/03	\$26,500
12449	Southwestern Colorado Res Ctr	Utah State University	2/19/03	\$20,685
12449	Western Colorado Research Ctr	Utah State University	2/19/03	\$20,685

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**Vet. Medicine & Biomedical Sciences**

<b><u>PASS #</u></b>	<b><u>Participating Department</u></b>	<b><u>Sponsor</u></b>	<b><u>Date</u></b> <b><u>Awarded</u></b>	<b><u>\$ Amount</u></b>
13065	Biomedical Sciences	Univ. of Texas Medical Branch/Galvesto	1/13/03	\$933,365
13201	Clinical Sciences	CCHE-Commission on Higher Education	3/10/03	\$59,852
13065	Micro, Imuno & Path	Univ. of Texas Medical Branch/Galvesto	1/13/03	\$933,365

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Refer to the following section for detail information.

Fiscal Year(s): 2003; Quarter: 3

**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>Proj #</u>	
			<u>Administering Department</u>	<u>End Date</u>	<u>PASS #</u>
<b>Agricultural Sciences</b>					
<i>Agric &amp; Resource Economics</i>					
Davis, Jessica G.	(Primary PI)	Soil & Crop Sciences	Utah State University	7/1/02	\$24,980
Card, Adrian	(Co-PI)	Horticulture & Landscap	Establishing Dialogue Between Alternative	12/31/04	<b>2225</b>
Hine, Susan E	(Co-PI)	Agric & Resource Econ	<i>Soil &amp; Crop Sciences</i>		12491
Lamm, W Dennis	(Co-PI)	Animal Sciences			
Thilmany, Dawn D	(Co-PI)	Agric & Resource Econ			
Scanga, John A.	(Primary PI)	Animal Sciences	CCHE-Commission on Higher Education	8/9/02	\$59,852
Belk, Keith	(Co-PI)	Animal Sciences	Bio-Waste Disposal & Utilization in Colorado	8/9/03	<b>0108</b>
Sofos, John N	(Co-PI)	Animal Sciences	<i>Animal Sciences</i>		13201
Garry, Franklyn B	(Collaborator)	Clinical Sciences			
Koontz, Stephen R	(Collaborator)	Agric & Resource Econ			
Umberger, Wendy	(Collaborator)	Agric & Resource Econ			
Thilmany, Dawn D	(Primary PI)	Agric & Resource Econ	American Farmland Trust, Inc. (AFT)	2/27/03	\$9,336
Field, Thomas G	(Co-PI)	Animal Sciences	Niche Beef Production and Marketing in Color	9/30/04	<b>1328</b>
Scanga, John A.	(Collaborator)	Animal Sciences	<i>Agric &amp; Resource Economics</i>		15090
<b>Animal Sciences</b>					
Davis, Jessica G.	(Primary PI)	Soil & Crop Sciences	Utah State University	7/1/02	\$24,980
Card, Adrian	(Co-PI)	Horticulture & Landscap	Establishing Dialogue Between Alternative	12/31/04	<b>2225</b>
Hine, Susan E	(Co-PI)	Agric & Resource Econ	<i>Soil &amp; Crop Sciences</i>		12491
Lamm, W Dennis	(Co-PI)	Animal Sciences			
Thilmany, Dawn D	(Co-PI)	Agric & Resource Econ			
Scanga, John A.	(Primary PI)	Animal Sciences	CCHE-Commission on Higher Education	8/9/02	\$59,852
Belk, Keith	(Co-PI)	Animal Sciences	Bio-Waste Disposal & Utilization in Colorado	8/9/03	<b>0108</b>
Sofos, John N	(Co-PI)	Animal Sciences	<i>Animal Sciences</i>		13201
Garry, Franklyn B	(Collaborator)	Clinical Sciences			
Koontz, Stephen R	(Collaborator)	Agric & Resource Econ			
Umberger, Wendy	(Collaborator)	Agric & Resource Econ			
Thilmany, Dawn D	(Primary PI)	Agric & Resource Econ	American Farmland Trust, Inc. (AFT)	2/27/03	\$9,336
Field, Thomas G	(Co-PI)	Animal Sciences	Niche Beef Production and Marketing in Color	9/30/04	<b>1328</b>
Scanga, John A.	(Collaborator)	Animal Sciences	<i>Agric &amp; Resource Economics</i>		15090

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**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u>	<u>Start Date</u>	<u>\$ Amount</u>
			<u>Short Project Title</u>	<u>End Date</u>	<u>Proj #</u>
			<u>Administering Department</u>		<u>PASS #</u>
<b>Agricultural Sciences</b>					
<i>Bioagricultur Sci &amp; Pest Mgmt</i>					
Beaty, Barry J	(Primary PI)	Micro, Imuno & Path	Univ. of Texas Medical Branch/Galveston.	9/29/02	\$933,365
Black, William Iv	(Co-PI)	Micro, Imuno & Path	United States Based Collaboration in Emergin	9/29/03	<b>7510</b>
Blair, Carol D	(Co-PI)	Micro, Imuno & Path	<i>Micro, Imuno &amp; Path</i>		13065
Bowen, Richard A	(Co-PI)	Biomedical Sciences			
Calisher, Charles H	(Co-PI)	Micro, Imuno & Path			
Carlson, Jonathan	(Co-PI)	Micro, Imuno & Path			
Olson, Kenneth E	(Co-PI)	Micro, Imuno & Path			
Hutcheson, Harry J	(Collaborator)	Bioagricultur Sci & Pe			
Peairs, Frank B	(Primary PI)	Bioagricultur Sci & Pe	USDA-ARS-Agricultural Research Service	10/1/01	\$31,375
Holtzer, Thomas O	(Co-PI)	Bioagricultur Sci & Pe	Biologically Intensive Areawide Integrated Pes	9/30/06	<b>2184</b>
Peterson, Gary	(Co-PI)	Mechanical Engineering	<i>Bioagricultur Sci &amp; Pest Mgmt</i>		13287
<b>Horticulture &amp; Landscape Arch</b>					
Davis, Jessica G.	(Primary PI)	Soil & Crop Sciences	Utah State University	7/1/02	\$24,980
Card, Adrian	(Co-PI)	Horticulture & Landscap	Establishing Dialogue Between Alternative	12/31/04	<b>2225</b>
Hine, Susan E	(Co-PI)	Agric & Resource Econ	<i>Soil &amp; Crop Sciences</i>		12491
Lamm, W Dennis	(Co-PI)	Animal Sciences			
Thilmany, Dawn D	(Co-PI)	Agric & Resource Econ			

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**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>		<u>Sponsor</u>	<u>Short Project Title</u>	<u>Start Date</u>	<u>\$ Amount</u>
		<u>Administering Department</u>		<u>End Date</u>	<u>Proj #</u> <u>PASS #</u>
<b>Agricultural Sciences</b>					
<i>Soil &amp; Crop Sciences</i>					
Davis, Jessica G.	(Primary PI)	Soil & Crop Sciences	Utah State University	7/1/02	\$24,980
Card, Adrian	(Co-PI)	Horticulture & Landscap	Establishing Dialogue Between Alternative	12/31/04	<b>2225</b>
Hine, Susan E	(Co-PI)	Agric & Resource Econ	<i>Soil &amp; Crop Sciences</i>		12491
Lamm, W Dennis	(Co-PI)	Animal Sciences			
Thilmany, Dawn D	(Co-PI)	Agric & Resource Econ			
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$116,216
Paul, Eldor A	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1387</b>
Six, Johan W	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13344
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$272,996
Conant, Richard T	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1388</b>
Peterson, Gary A	(Co-PI)	Soil & Crop Sciences	<i>Soil &amp; Crop Sciences</i>		13387
Welker, Jeffrey	(Co-PI)	Natural Resource Ecolo			
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$336,859
			Consortium for Agricultural Mitigation of	8/31/04	<b>1389</b>
			<i>Soil &amp; Crop Sciences</i>		13388
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$171,096
Kelly, Eugene F	(Co-PI)	Soil & Crop Sciences	Consortium for Agricultural Mitigation of	8/31/04	<b>1390</b>
Ojima, Dennis	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13389
Parton, William J.	(Co-PI)	Natural Resource Ecolo			
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$48,346
Conant, Richard T	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1391</b>
Ojima, Dennis	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13390
Parton, William J.	(Co-PI)	Natural Resource Ecolo			
Paustian, Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$29,999
Paul, Eldor A	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1397</b>
Six, Johan W	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13344
<b>Engineering</b>					
<i>Mechanical Engineering</i>					
Peairs, Frank B	(Primary PI)	Bioagriculturl Sci & Pe	USDA-ARS-Agricultural Research Service	10/1/01	\$31,375
Holtzer, Thomas O	(Co-PI)	Bioagriculturl Sci & Pe	Biologically Intensive Areawide Integrated Pes	9/30/06	<b>2184</b>
Peterson, Gary	(Co-PI)	Mechanical Engineering	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>		13287

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**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>Proj #</u> <u>PASS #</u>
<b>Natural Resources</b>					
<i>Fish &amp; Wildlife Biology</i>					
Cotton,Scott E	(Primary PI)	Cooperative Extension	Utah State University	7/1/01	\$26,500
Benson,Delwin E	(Co-PI)	Fish & Wildlife Biolog	Coached Land Planning & Care	12/31/03	<b>1385</b>
Hackett,Jan J.	(Co-PI)	Colorado State Forest S	<i>Cooperative Extension</i>		10319
<b>Natural Resource Ecology Lab</b>					
Paustian,Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$116,216
Paul,Eldor A	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1387</b>
Six,Johan W	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13344
Paustian,Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$272,996
Conant,Richard T	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1388</b>
Peterson,Gary A	(Co-PI)	Soil & Crop Sciences	<i>Soil &amp; Crop Sciences</i>		13387
Welker,Jeffrey	(Co-PI)	Natural Resource Ecolo			
Paustian,Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$171,096
Kelly,Eugene F	(Co-PI)	Soil & Crop Sciences	Consortium for Agricultural Mitigation of	8/31/04	<b>1390</b>
Ojima,Dennis	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13389
Parton,William J.	(Co-PI)	Natural Resource Ecolo			
Paustian,Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$48,346
Conant,Richard T	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1391</b>
Ojima,Dennis	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13390
Parton,William J.	(Co-PI)	Natural Resource Ecolo			
Paustian,Keith H.	(Primary PI)	Soil & Crop Sciences	Kansas State University	3/1/02	\$29,999
Paul,Eldor A	(Co-PI)	Natural Resource Ecolo	Consortium for Agricultural Mitigation of	8/31/04	<b>1397</b>
Six,Johan W	(Co-PI)	Natural Resource Ecolo	<i>Soil &amp; Crop Sciences</i>		13344

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**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>	<u>Sponsor</u>	<u>Short Project Title</u>	<u>Administering Department</u>	<u>Start Date</u>	<u>\$ Amount</u>
				<u>End Date</u>	<u>Proj #</u> <u>PASS #</u>
<b>Other</b>					
<i>Colorado State Forest Svc-Csu</i>					
Cotton,Scott E (Primary PI)	Cooperative Extension	Utah State University		7/1/01	\$26,500
Benson,Delwin E (Co-PI)	Fish & Wildlife Biolog	Coached Land Planning & Care		12/31/03	<b>1385</b>
Hackett,Jan J. (Co-PI)	Colorado State Forest S	<i>Cooperative Extension</i>			10319
<i>Cooperative Extension</i>					
Hammon,Robert W (Primary PI)	Western Colorado Rese	Utah State University		7/1/02	\$20,685
Cooley,Aubrey W (Collaborator)	Cooperative Extension	Extending Irrigated Alfalfa Stand Life by		12/31/05	<b>1317</b>
Hooten,Thomas M (Collaborator)	Southwestern Colorado R	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>			12449
Larsen,Harold J J (Collaborator)	Western Colorado Rese				
Sharp,Rodney L (Collaborator)	Cooperative Extension				
Smith,Kenneth W (Collaborator)	Cooperative Extension				
Stack,Mark W. (Collaborator)	Southwestern Colorado R				
Cotton,Scott E (Primary PI)	Cooperative Extension	Utah State University		7/1/01	\$26,500
Benson,Delwin E (Co-PI)	Fish & Wildlife Biolog	Coached Land Planning & Care		12/31/03	<b>1385</b>
Hackett,Jan J. (Co-PI)	Colorado State Forest S	<i>Cooperative Extension</i>			10319
<i>Southwestern Colorado Res Ctr</i>					
Hammon,Robert W (Primary PI)	Western Colorado Rese	Utah State University		7/1/02	\$20,685
Cooley,Aubrey W (Collaborator)	Cooperative Extension	Extending Irrigated Alfalfa Stand Life by		12/31/05	<b>1317</b>
Hooten,Thomas M (Collaborator)	Southwestern Colorado R	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>			12449
Larsen,Harold J J (Collaborator)	Western Colorado Rese				
Sharp,Rodney L (Collaborator)	Cooperative Extension				
Smith,Kenneth W (Collaborator)	Cooperative Extension				
Stack,Mark W. (Collaborator)	Southwestern Colorado R				
<i>Western Colorado Research Ctr</i>					
Hammon,Robert W (Primary PI)	Western Colorado Rese	Utah State University		7/1/02	\$20,685
Cooley,Aubrey W (Collaborator)	Cooperative Extension	Extending Irrigated Alfalfa Stand Life by		12/31/05	<b>1317</b>
Hooten,Thomas M (Collaborator)	Southwestern Colorado R	<i>Bioagriculturl Sci &amp; Pest Mgmt</i>			12449
Larsen,Harold J J (Collaborator)	Western Colorado Rese				
Sharp,Rodney L (Collaborator)	Cooperative Extension				
Smith,Kenneth W (Collaborator)	Cooperative Extension				
Stack,Mark W. (Collaborator)	Southwestern Colorado R				

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**Interdepartmental Awards - Detail\***  
**Fiscal Year 2003 3rd Quarter (January - March)**

<u>Investigators / Collaborators</u>			<u>Sponsor</u> <u>Short Project Title</u> <u>Administering Department</u>	<u>Start Date</u> <u>End Date</u>	<u>\$ Amount</u> <u>Proj #</u> <u>PASS #</u>
<b>Vet. Medicine &amp; Biomedical Sciences</b>					
<i>Biomedical Sciences</i>					
Beaty, Barry J	(Primary PI)	Micro, Imuno & Path	Univ. of Texas Medical Branch/Galveston.	9/29/02	\$933,365
Black, William Iv	(Co-PI)	Micro, Imuno & Path	United States Based Collaboration in Emergin	9/29/03	<b>7510</b>
Blair, Carol D	(Co-PI)	Micro, Imuno & Path	<i>Micro, Imuno &amp; Path</i>		13065
Bowen, Richard A	(Co-PI)	Biomedical Sciences			
Calisher, Charles H	(Co-PI)	Micro, Imuno & Path			
Carlson, Jonathan	(Co-PI)	Micro, Imuno & Path			
Olson, Kenneth E	(Co-PI)	Micro, Imuno & Path			
Hutcheson, Harry J	(Collaborator)	Bioagriculturl Sci & Pe			
<i>Clinical Sciences</i>					
Scanga, John A.	(Primary PI)	Animal Sciences	CCHE-Commission on Higher Education	8/9/02	\$59,852
Belk, Keith	(Co-PI)	Animal Sciences	Bio-Waste Disposal & Utilization in Colorado	8/9/03	<b>0108</b>
Sofos, John N	(Co-PI)	Animal Sciences	<i>Animal Sciences</i>		13201
Garry, Franklyn B	(Collaborator)	Clinical Sciences			
Koontz, Stephen R	(Collaborator)	Agric & Resource Econ			
Umberger, Wendy	(Collaborator)	Agric & Resource Econ			
<i>Micro, Imuno &amp; Path</i>					
Beaty, Barry J	(Primary PI)	Micro, Imuno & Path	Univ. of Texas Medical Branch/Galveston.	9/29/02	\$933,365
Black, William Iv	(Co-PI)	Micro, Imuno & Path	United States Based Collaboration in Emergin	9/29/03	<b>7510</b>
Blair, Carol D	(Co-PI)	Micro, Imuno & Path	<i>Micro, Imuno &amp; Path</i>		13065
Bowen, Richard A	(Co-PI)	Biomedical Sciences			
Calisher, Charles H	(Co-PI)	Micro, Imuno & Path			
Carlson, Jonathan	(Co-PI)	Micro, Imuno & Path			
Olson, Kenneth E	(Co-PI)	Micro, Imuno & Path			
Hutcheson, Harry J	(Collaborator)	Bioagriculturl Sci & Pe			

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