

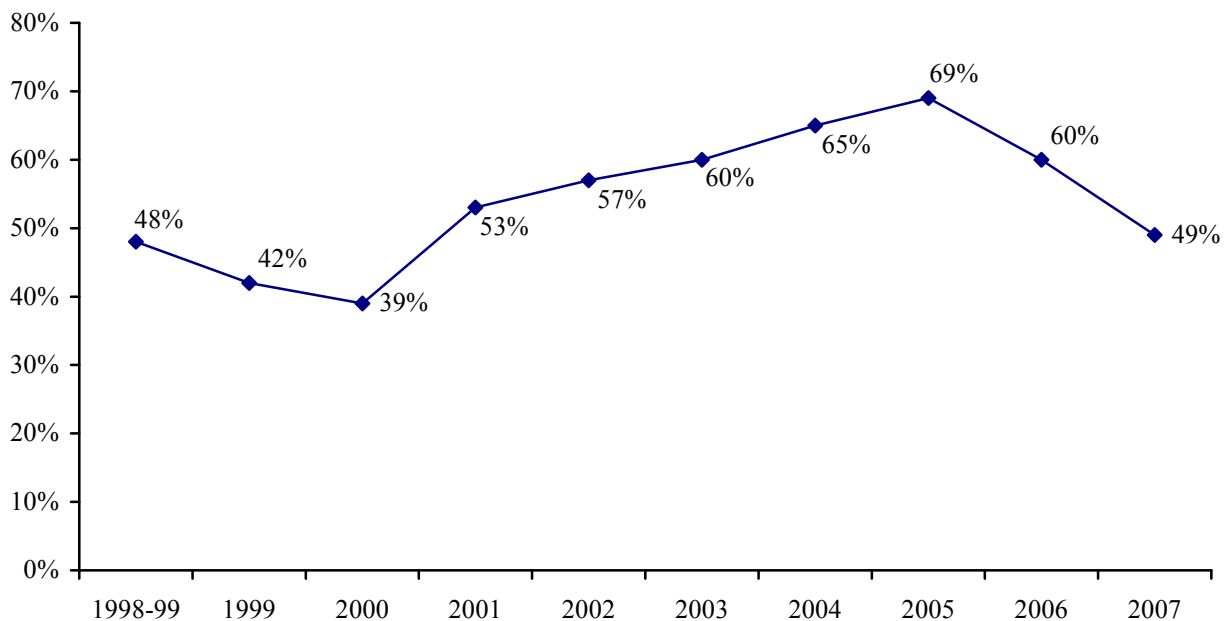


College of Life Sciences

Summary of Sponsored Research (Grants & Contracts)

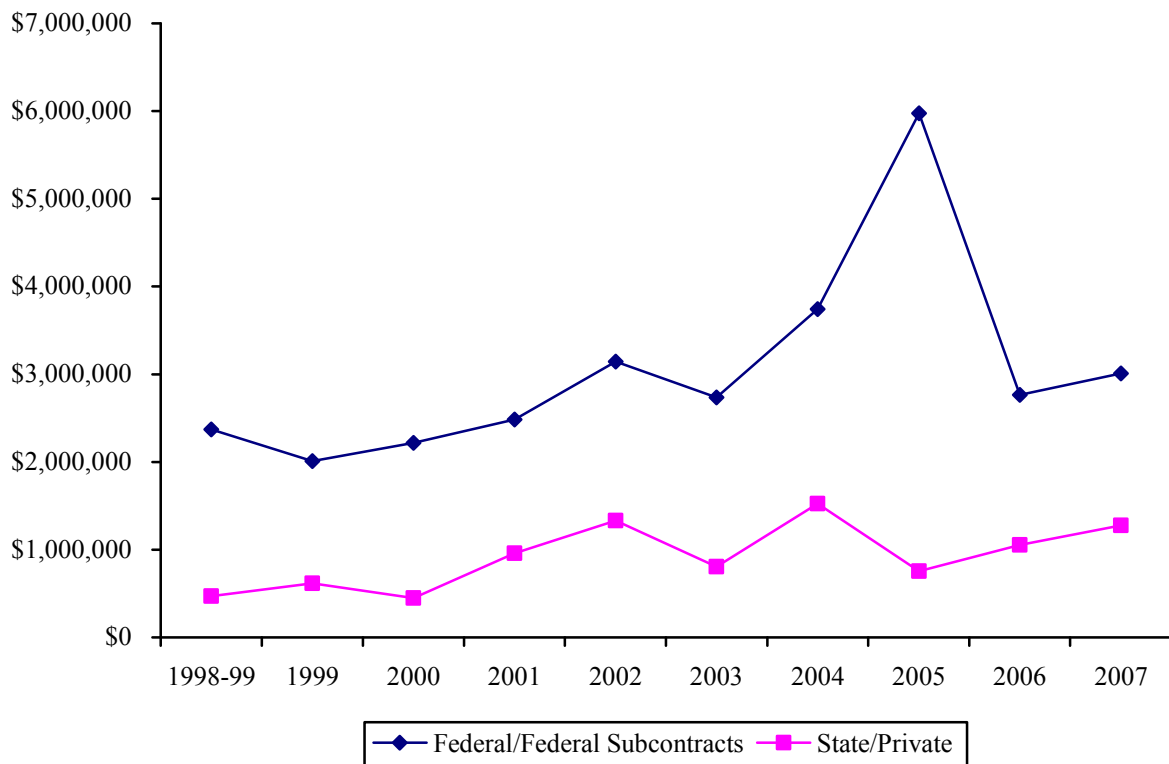
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Benson Institute	1	0	0	0	\$0
Bean Museum	1	1	0	1	\$1,500
Integrative Biology	21	21	28	27	\$1,418,240
Microbiology & Molecular Biology	18	13	21	10	\$663,272
Nutrition, Dietetics & Food Science	13	1	1	18	\$726,775
Physiology & Developmental Biology	17	7	8	4	\$677,904
Plant & Animal Science	23	15	16	19	\$798,178
TOTALS	94	46	74	79	\$4,285,869

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$2,370,292	\$471,857	\$11,160,635
1999	\$2,010,191	\$616,711	\$5,355,913
2000	\$2,218,777	\$447,877	\$3,985,131
2001	\$2,484,780	\$958,960	\$7,240,131
2002	\$3,144,951	\$1,331,910	\$5,384,623
2003	\$2,734,614	\$805,898	\$3,740,771
2004	\$3,744,218	\$1,525,364	\$5,908,017
2005	\$5,974,159	\$755,983	\$6,805,888
2006	\$2,763,746	\$1,054,773	\$3,818,519
2007	\$3,010,438	\$1,275,431	\$4,285,869



College of Life Sciences 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
<i>Bean Museum</i>							
Atwood, Duane		BLM	Study of Rich County Conservation Ecology of the Dark Kangaroo Mouse....	8/10/2005	9/30/2007	1	\$1,500
Auger, Janene	w/Black, Hal	BLM		9/17/2007	9/30/2009	1	\$4,000
<i>Biology</i>							
Belk, Mark	w/ Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	4	\$17,478
Belk, Mark		CUWCD (UT State)	Mona Reservoir June Sucker Introduction & Monitoring	3/13/2007	3/12/2008	3	\$17,958
Belk, Mark		CUWCD (UT State)	Pilot Study of Net Pen Use in Utah Lake....	3/13/2007	3/12/2008	3	\$32,657
Belk, Mark	w/ Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	3	\$27,500
Belk, Mark	w/Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	3	\$27,500
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$4,150
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$5,625
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$3,000
Crandall, Keith		NSF	Atol	7/15/2005	2/28/2009	1	\$125,000
Crandall, Keith		USDA	Foot and Mouth Disease Virus Phylogeny....j Status, Distribution, & Genetics of Arkansas Crayfish.	9/1/2007	8/31/2009	1	\$145,024
Crandall, Keith		Arkansas Game & Fish US Israel Bintl. Sci. Fndtn.	Systematic and Phylogeography	8/1/2007	8/1/2009	3	\$12,000
Crandall, Keith	w/Shiozawa, Dennis	DWR	Genetic Analysis of Utah Cutthroat Trout	6/1/2007	5/31/2008	3	\$40,500
Flinders, Jerran		UDWR	Benefits, Impacts & Proper Spacing of Water Populations for Chukars....	11/2/2006	6/30/2010	3	\$51,188
Flinders, Jerran		Sportsmen for Habitat	Benefits, Impacts and Proper Spacing for Guzzlers....	2/8/2003	8/12/2007	4	\$10,000
Flinders, Jerran		UT DWR	Bighorn Sheep Recovery and Conservation	7/1/2004	12/31/2009	3	\$195,020
Flinders, Jerran		NFWF	Stawberry Valley Sage Grouse Recovery Project	1/1/2007	1/1/2008	2	\$75,000
Flinders, Jerran		Sportsmen for Fish & Wildlife	Stawberry Valley Sage Grouse Recovery Project	3/6/2006	12/31/2009	4	\$25,000
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$4,150
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$5,625
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$3,000
Hanegan, Nikki		Utah Office of ED	Grand Staircase Project	2/25/2005	3/1/2008	2	\$117,499
Hanegan, Nikki	w/Crandall, Keith	NSF	Atol	7/15/2005	2/28/2009	1	\$125,000
Johnson, Jerry		UT DNR	Effect of Historical and Contemporary Fragmentation	7/1/2005	6/30/2008	3	\$4,607
Johnson, Jerry		Univ of Florida	Australian Plotosid Catfish	8/13/2007	6/30/2008	2	\$1,250
Shiozawa, Dennis		DWR	Genetic Analysis of Utah Cutthroat Trout	6/1/2007	5/31/2008	3	\$40,500
Shiozawa, Dennis		US Forest Srvc. (USDA)	DNA Analysis of Cutthroat Trout Tissue Samples	7/2/2007	10/31/2007	1	\$6,000
St. Clair, Larry		USDA	Air Quality Monitoring-High Uintas	8/12/2005	2/28/2008	1	\$2,635
St. Clair, Larry		Forest Service	Review of Western Montana Air Quality Baseline	1/26/2007	3/1/2012	1	\$7,643
Unmack, Peter	w/Johnson, Jerry	Univ of Florida	Australian Plotosid Catfish	8/13/2007	6/30/2008	2	\$1,250
Whiting, Michael		U of Georgia (NSF)	Building Taxonomic Expertise....	9/19/2005	12/31/2007	2	\$13,500
Whiting, Michael		NSF	ATOL: Beetle Tree of Life	10/1/2005	9/30/2008	1	\$204,482
Whiting, Michael		NSF	Discovering a New Insect Order in Papua New Guinea	7/1/2007	6/30/2008	1	\$26,145
Whiting, Michael		NSF	Mitochondrial Research on Lice	5/21/2007	2/29/2008	1	\$12,000
Whiting, Michael		NSF	New Insect Order in Papua New Guinea	7/1/2007	6/30/2008	1	\$26,145
Whiting, Michael		NSF	Atol: Assembling the Beetle Tree of Life	10/1/2005	9/30/2007	1	\$12,000
<i>Microbiology & Molecular Biology</i>							
Adams, Byron		NSF	Tardigrades	4/1/2007	3/31/2008	1	\$52,817
Robison, Richard		Solutions BioMed	Antimicrobial Materials and Select Agents	6/17/2005	12/31/2008	4	\$5,300
Robison, Richard		EAU Technologies	Student Support	4/2/2006	12/31/2007	4	\$2,000
Robison, Richard		USAMRAA	Curated Archive of Viable Select Bacterial Agents....	9/30/2006	9/29/2007	1	\$138,000
Robison, Richard		Solutions BioMed, Inc.	Antimicrobial Material and Select Agents	6/17/2005	12/31/2008	4	\$7,175
Robison, Richard		Solutions Biomed	Testing	6/1/2005	12/31/2008	4	\$4,395

Robison, Richard		USAMRAA	Select Bacterial Agents	5/24/2007	9/30/2007	1	\$216,000
Robison, Richard		Solutions BioMed	Select Agents	6/1/2007	6/30/2008	4	\$10,085
Robison, Richard		Solutions BioMed	Antimicrobial Materials and Select Agents (Jun 07)	6/1/2007	6/30/2008	4	\$2,500
Wilson, Eric		NIH	IgA ASC Homing to Mucosal Tissues	3/15/2007	2/28/2009	1	\$225,000
<i>Nutrition, Dietetic, & Food Science</i>							
Christensen, Merrill		NIH	Selenium, Isoflavones, Androgen Metabolism & Prostate Cancer Risk Reduction. Preparation & Cooking on Micronutrient Stability in Food Aid	4/1/2007	3/31/2009	1	\$225,000
Dunn, Michael		Sustain	Tortilla Fortification	7/1/2005	6/30/2007	4	\$20,270
Dunn, Michael		SUSTAIN	Effects of Preparation & Cooking on Stability of Micronutrients	11/1/2004	9/7/2007	4	\$14,127
Dunn, Michael		Sustain	Consumer Taste Preferences	7/1/2005	5/31/2008	4	\$4,500
Odgen, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$8,400
Ogden, Lynn		LDS Welfare Svcs	BYU Quality Food Labs	01-01-07	12-31-07	4	\$166,000
Ogden, Lynn		BAF	Consumer Panel Testing	1/1/2007	12/31/2007	4	\$14,180
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$5,700
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$6,200
Ogden, Lynn		BAF	Consumer Food Testing	1/1/2007	12/31/2007	4	\$13,400
Ogden, Lynn		BAF	Consumer Testing	1/1/2007	12/31/2007	4	\$10,400
Ogden, Lynn		BAF	Consumer Panel Testing	1/1/2007	12/31/2007	4	\$18,100
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$4,200
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$13,178
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$10,800
Ogden, Lynn		LDS Welfare Svcs	BYU Quality Food Laboratory	1/1/2008	12/31/2008	4	\$160,820
Ogden, Lynn		BAF	Consumer Testing	1/1/2008	12/31/2008	4	\$0
Steele, Frost		Deseret Meats	Pathogen Analysis for Meat Products Proceed at Deseret Meats	1/1/2007	12/31/2007	4	\$31,500
<i>Physiology & Developmental Biology</i>							
Barrow, Jeffery		NIH	The Role of Cell Polarity in Vertebrate Limb Outgrowth	8/1/2007	7/31/2008	1	\$72,825
Busath, David		FSU (NIH)	Structure and Function of Gramicidin	3/1/2001	2/28/2010	2	\$67,041
Stark, Michael		NIH	Gene Regulating Neurogenesis.	5/1/2007	4/30/2008	1	\$217,608
Winder, William		NIH	Regulation of Skeletal Muscle LKBI	6/1/2007	5/31/2008	1	\$320,430
<i>Plant & Wildlife Sciences</i>							
Allen, Phil		US Forest Service	Use of Pyrenophora semeniperda for biocontrol	7/29/2006	9/1/2009	1	\$40,000
Allen, Phillip		USDA Forest Service	Exploring the Potential for the Use of Pyrenophora Semeniperda....	7/29/2006	9/30/2010	1	\$122,502
Black, Hal		UT DWR	Survival and Nutritional Ecology.... Conservation Ecology of the Dark Kangaroo Mouse....	2/1/2007	6/30/2012	3	\$43,460
Black, Hal		BLM		9/17/2007	9/30/2009	1	\$4,000
Brad Geary	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Bruce Webb		USGS	Unveiling the Bacterium Mineral Interface	9/25/2007	9/25/2008	1	\$29,500
Craig Coleman	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Daniel Fairbanks		McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Eric Jellen	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Flinders, Jerran		URMCC	Strawberry Valley Sage-Grouse Recovery Project	3/1/2003	6/30/2009	3	\$55,000
Flinders, Jerran		UDNR	Pygmy Rabbits	7/1/2007	6/30/2008	3	\$39,062
Flinders, Jerran		Chukar Club	Pershing County Chukars	2/8/2003	6/14/2008	4	\$10,000
Flinders, Jerran	w/Robinson, Todd	Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000
Geary, Brad		ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Hopkins, Bryan		USU (USDA)	Assessment & Demonstration- Long vs.Short Potato Rotations	5/15/2007	5/14/2009	2	\$65,870
Johnson, Robert	w/ Geary, Brad	ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Larsen, Randy	w/Flinders, Jerran	UDWR	Benefits, Impacts & Proper Spacing of Water Populations for Chukars....	11/2/2006	6/30/2010	3	\$51,187
Larsen, Randy	w/Flinders, Jerran	UDNR	Pygmy Rabbits	7/1/2007	6/30/2008	3	\$39,062
Mikel Stevens	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Peter Maughan	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Petersen, Stephen		Oregon St. Univ (BLM)	Landscape Assessment of Sage Grouse Nesting....	9/7/2007	10/1/2008	2	\$9,006
Petersen, Steven		Ntl Park Service	Long-term Revegetation Methods... Bryce Canyon.	8/15/2007	1/14/2008	1	\$1,511
Raymer, Danny	w/Robinson, Todd	Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000

Robinson, Todd		Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000
Robinson, Todd		Natl Wildlife Turkey Fed	Western Food Plot Plantings (Mar. 20007)	6/1/2006	5/31/2008	4	\$5,000
Roundy, Bruce		USGS	Evaluate Fire Treatments	9/12/2005	5/22/2008	1	\$231,285
Roundy, Bruce	w/Petersen, Steve	Ntl Park Service	Long-term Revegetation Methods... Bryce Canyon.	8/15/2007	1/14/2008	1	\$1,511
Smith, Thomas		US Fish & Wildlife	Denning Behavior of Polar Bears on Alaska's N Slope	3/12/2007	9/30/2007	1	\$9,269
Stevens, Mikel	w/ Geary, Brad	ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Stevens, Mikel		Forest Serv.	Molecular Genetics of Tall Forbs	7/19/2007	9/30/2009	1	\$12,000
Webb, Bruce		USGS	Soils Samples	7/24/2006	7/23/2007	1	\$13,500

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals

Integrative Biology	\$1,439,531
Microbiology & Molecular Biology	\$663,272
Nutrition, Dietetics & Food Science	\$726,775
Physiology & Developmental Biology	\$677,904
Plant & Wildlife Science	\$845,365
Bean Museum	\$5,500
Benson	\$0
College Total:	\$4,358,347

Life Sciences

Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
BLM	2	\$9,500
Forest Serv.	2	\$19,643
NIH	5	\$1,060,863
NSF	10	\$609,139
Ntl Park Service	1	\$3,022
US Fish & Wildlife	1	\$9,269
US Forest Service	1	\$40,000
US Forest Srvc. (USDA)	1	\$6,000
USAMRAA	2	\$354,000
USDA	2	\$147,659
USDA Forest Service	1	\$122,502
USGS	3	\$274,285
<i>Totals</i>	31	\$2,655,882
Federal Subcontracts Sponsors		
FSU (NIH)	1	\$67,041
ISDA Nursery	1	\$4,140
NFWF	1	\$75,000
Oregon St. Univ (BLM)	1	\$9,006
U of Georgia (NSF)	1	\$13,500
Univ of Florida	1	\$2,500
USU (USDA)	1	\$65,870
Utah Office of ED	1	\$117,499
<i>Totals</i>	8	\$354,556
State Sponsors		
Arkansas Game & Fish	1	\$12,000
CUWCD (UT State)	2	\$50,615
DWR	1	\$81,000
UDNR	1	\$78,124
UDOT	0	\$0
UDWR	1	\$102,375
URMCC	1	\$55,000
UT DNR	1	\$4,607
UT DWR	2	\$238,480
<i>Totals</i>	10	\$622,201

Private Sponsors

BAF	11	\$104,558
Chukar Club	1	\$10,000
Deseret Meats	1	\$31,500
EAU Technologies	1	\$2,000
LDS Welfare Svcs	2	\$326,820
McKnight Foundation	1	\$28,500
Natl Wildlife Turkey Fed	2	\$35,000
Solutions BioMed	5	\$29,455
Sportsmen for Fish & Wildlife	1	\$25,000
Sportsmen for Habitat	1	\$10,000
Sustain	3	\$38,897
UDOT	0	\$0
US Israel Bintl. Sci. Fndtn.	1	\$11,500
	<i>Totals</i>	30
		\$653,230