

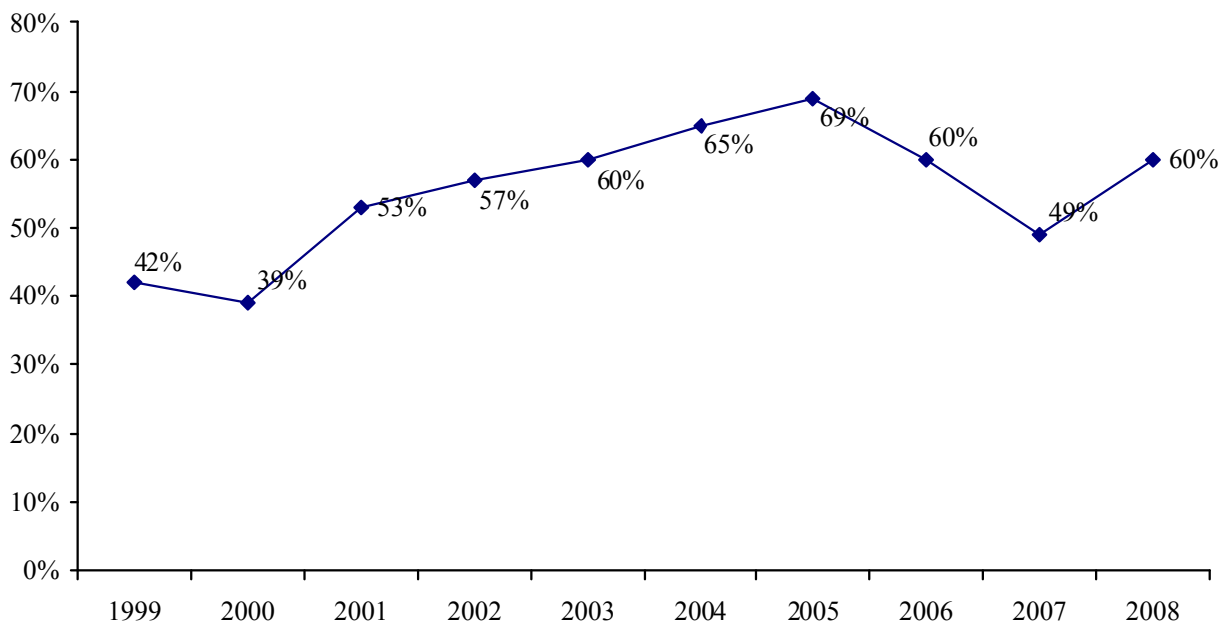


College of Life Sciences

Summary of Sponsored Research (Grants & Contracts)

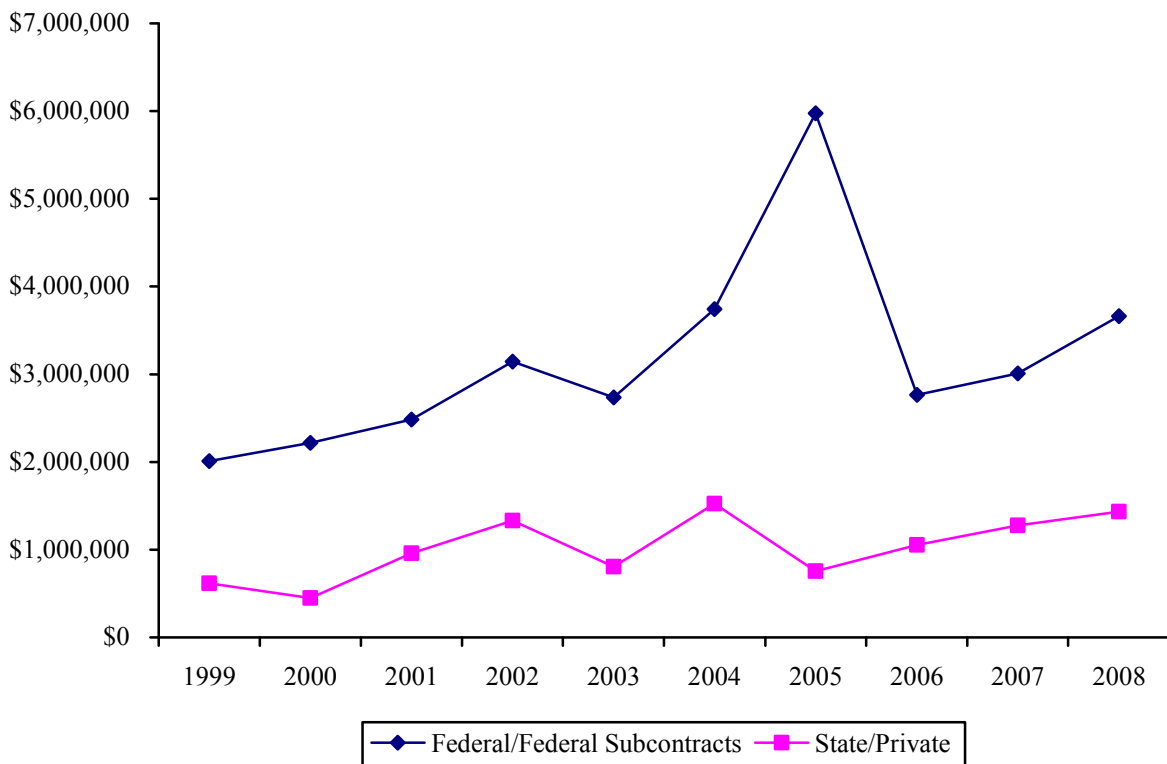
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Benson Institute	1	0	0	0	\$0
Bean Museum	1	1	0	0	\$0
Integrative Biology	23	18	19	24	\$1,563,987
Microbiology & Molecular Biology	18	8	14	4	\$300,130
Nutrition, Dietetics & Food Science	19	2	2	13	\$186,321
Physiology & Developmental Biology	19	7	7	5	\$611,657
Plant & Wildlife Science	26	28	29	25	\$2,432,314
TOTALS	107	64	74	71	\$5,094,409

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
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
2008	\$3,661,543	\$1,432,866	\$5,094,409



College of Life Sciences 2008 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Beg Date</u>	<u>End Date</u>	<u>Amount</u>	<u>Type</u>
Bean Museum							
Auger, Janene	w/ Black, Hal	US Dept Interior BLM	Conservation Ecology of the Dark Kangaroo Mouse	9/17/2007	9/30/2009	\$6,500	1
Auger, Janene		UT-DNR	Ecology of the Dark Kangaroo Mouse	1/10/2008	9/1/2008	\$15,000	3
Biology							
Belk, Mark		CUWCD	Implement Use of Net Pens for June Suckers	5/1/2008	4/30/2009	\$31,734	3
Belk, Mark		Central Utah Water Conservancy District	June Sucker Recovery Program	5/1/2008	4/30/2009	\$6,750	3
Crandall, Keith		USDI-Nat Forest Sv	Assess genetic distinctiveness of crayfish in valley creek	9/1/2008	5/30/2011	\$8,000	1
Crandall, Keith		NSF	ATOL	9/15/2005	2/28/2009	\$3,500	1
Crandall, Keith		NSF	ATOL: Morphological and Molecular Phylogeny of the Decapod's Crustaceans	9/15/2005	2/28/2010	\$125,000	1
Crandall, Keith		NSF	ATOL: Morphological and Molecular Phylogeny of the Decapods' Crustaceans	9/15/2005	2/28/2010	\$4,500	1
Crandall, Keith		Florida Nongame Wildlife	Florida's Cave Crayfish Genetics	7/15/2008	6/30/2010	\$13,000	4
Crandall, Keith	w/Johnson, Jerald	NSF	PIRE: Speciation in Patagonia	10/1/2005	9/30/2009	\$109,828	1
Evans, R. Paul	w/Shiozawa, D.	US BLM	BLM Cutthroat trout DNA analysis	9/1/2008	8/31/2009	\$1,200	1
Gill, Richard		Duke U.(DOE)	Interaction of carbon sequestration and water	6/1/2008	9/1/2009	\$78,680	2
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	9/15/2005	2/28/2009	\$3,500	1
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL: Morphological and Molecular Phylogeny of the Decapod Crustaceans	9/15/2005	2/28/2010	\$125,000	1
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL: Morphological and Molecular Phylogeny of the Decapod Crustaceans	9/15/2005	2/28/2010	\$4,500	1
Johnson, Jerry		NSF	PIRE	10/1/2005	9/30/2008	\$8,469	1
Johnson, Jerry		NSF	PIRE: Speciation in Patagonia	10/1/2005	9/30/2009	\$109,828	1
Johnson, Leigh		BLM - St of Utah	Cycladenia Humilis var. joesii: its taxonomic state	9/21/2008	10/21/2013	\$5,000	1
Johnson, Leigh		BLM - St of Utah	Development of DNA-Fingerprinting markers	9/21/2008	10/21/2013	\$25,000	1
Johnson, Leigh	w/Johnson, Jerry	NSF	PIRE	10/1/2005	9/30/2008	\$8,469	1
Johnson, Leigh	w/Johnson, Jerald	NSF	PIRE: Speciation in Patagonia	10/1/2005	9/30/2009	\$109,828	1
Nelson, Riley		Academy of Natural Science	Survey and Inventory of Aquatic Insects...Mongolia	2/1/2008	1/31/2009	\$33,876	2
Roeder, Beverly	w/ Garrett, Sandra	Lost Paws	Pre-vet Preceptorship	1/1/2008	12/31/2008	\$625	4
Rogers, Duke		NSF	Curation, Data Basing and Integration	4/1/2008	3/31/2009	\$28,577	1
Shiozawa, Dennis		US BLM	BLM Cutthroat trout DNA analysis	9/1/2008	8/31/2009	\$1,200	1
Shiozawa, Dennis	w/Evans, Paul	Utah DWR	Genetic Analysis of Utah Cutthroat Trout	6/1/2007	5/31/2009	\$81,000	3
Sites, Jack	w/Johnson, Jerry	NSF	PIRE	10/1/2005	9/30/2008	\$8,469	1
Sites, Jack	w/Johnson, Jerald	NSF	PIRE: Speciation in Patagonia	10/1/2005	9/30/2009	\$109,827	1
Sites, Jack		NSF	Receiving Squamate Phylogeny....	6/12/2006	12/31/2008	\$6,000	1
Song, Hojun		NSF	Phylogenetic Systematics of Orthoptera(Insecta)	9/1/2008	8/31/2011	\$200,000	1
St. Clair, Larry		Colo State (BLM)	Effects of Fire on Biological Soil Crusts & Recovery	10/1/2003	9/30/2008	\$16,952	2
St. Clair, Larry		USDA Forest Service	Review of Air Quality Biomonitoring	1/26/2007	3/1/2002	\$7,643	1
St. Clair, Larry		USDA Forest Service	Review of Western Montana Air Quality	1/26/2007	3/1/2012	\$2,962	1
Whiting, Michael		NSF	ATOL	10/1/2005	9/30/2008	\$12,000	1
Whiting, Michael		NSF	ATOL	10/1/2005	9/30/2009	\$50,835	1
Whiting, Michael		NSF	ATOL: Assembling the Beetle Tree of Life	9/1/2005	9/30/2008	\$22,860	1
Whiting, Michael	w/Song, Hojun	NSF	Phylogenetic Systematics of Orthoptera(Insecta)	9/1/2008	8/31/2011	\$200,000	1
Micro & Molecular Biology							
Adams, Byron		NSF	FIBR	4/1/2007	3/31/2009	\$44,732	1
Lin, Chin-Yo	w/Udall, Joshua	NSF	MRI: Acquisition of Genome Sequencer FLX system	9/1/2008	8/31/2011	\$210,000	1
Robison, Rich		BNBI	A Curated Archive of Viable Select Agents....	3/5/2008	3/4/2009	\$232,000	2

Robison, Rich		Solutions BioMed	Antimicrobial Materials and Select Agents	6/1/2007	6/30/2008	\$3,500	4
Wilson, Eric		Montana St (USDA)	Cloning the function of bovine CCL28	9/1/2008	8/30/2009	\$19,898	2
<i>Nutrition, Dietetic & Food Science</i>							
Ogden, Lynn		BAF	Consumer Food Preferences	1/1/2008	12/31/2008	\$18,744	4
Ogden, Lynn		BAF	Consumer Preferences	1/1/2008	12/31/2008	\$9,128	4
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2008	12/31/2008	\$22,015	4
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2008	12/31/2008	\$9,984	4
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2008	12/31/2008	\$6,960	4
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2008	12/31/2008	\$18,871	4
Ogden, Lynn		BAF	Consumer Taste Preferences	8/4/2008	8/7/2008	\$13,418	4
Ogden, Lynn		Basic Amer Foods	Consumer Taste Preferences	9/24/2008	12/31/2008	\$7,816	4
Ogden, Lynn		Basic Amer Foods	Consumer Taste Preferences	1/1/2008	12/31/2008	\$5,648	4
Ogden, Lynn		Basic Amer Foods	Consumer Taste Preferences	1/1/2008	12/31/2009	\$9,736	4
Ogden, Lynn		BAF	Taste Testing	1/1/2008	12/31/2008	\$14,776	4
Ogden, Lynn		LDS Welfare Svcs.	Welfare Services Sensory	11/7/2006	12/31/2010	\$13,000	4
Steele, Frost		Deseret Meats	Pathogen Analysis for Meat Products	1/1/2008	12/31/2008	\$36,225	4
<i>Physiology & Developmental Biology</i>							
Busath, David		BTRAI	Periorbital Botulinum Toxin	1/1/2008	8/31/2008	\$8,333	4
Busath, David		BTRA	Periorbital Botulinum Toxin as Anticonvulsant (Prelim Acct)	1/9/2008	4/8/2008	\$4,167	4
Busath, David		Florida State Univ (NIH)	Structure and Function of Gramicidin....	3/31/2005	2/28/2009	\$67,712	2
Stark, Michael		NIH	Genes Regulating Neurogenesis....	5/1/2008	4/30/2009	\$213,257	1
Winder, Will		NIH	Regulation of Skeletal Muscle LKB1	6/1/2008	5/31/2009	\$314,022	1
<i>Plant & Wildlife Science</i>							
Allen, Phil		USDA Forest Service	Evolutionary Ecology of the Seedbank Pathogen Pyrenophora Semeniperda	3/30/2008	9/30/2008	\$21,329	1
Allphin, Loreen		NSF	Phylogenetic Relationships and Species(Brassicaceae)	8/1/2008	7/31/2011	\$111,761	1
Anderson, Val		USDA - Forest Svc	Shrub Seed Enhancement and Competitive Matrix Trl	9/30/2008	9/30/2012	\$20,000	1
Baxter, Rick		Utah Reclamation Mitigation & Conservation	Strawberry Sage Grouse	7/1/2008	6/30/2009	\$67,000	3
Black, Hal		US Dept Interior BLM	Conservation Ecology of the Dark Kangaroo Mouse	9/17/2007	9/30/2009	\$6,500	1
Black, Hal		UT-DNR	Ecology of the Dark Kangaroo Mouse	1/10/2008	9/1/2008	\$15,000	3
Coleman, Craig	w/Allen, Phil	USDA Forest Service	Evolutionary Ecology of the Seedbank Pathogen Pyrenophora Semeniperda	3/30/2008	9/30/2008	\$21,328	1
Coleman, Craig	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Coleman, Craig	w/Stevens, Mikel	McKnight Found	Sustainable Production of Quinoa	3/1/2006	2/28/2010	\$5,700	4
Fairbanks, Dan	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Flinders, Jerran	w/Larsen, Randy	Sportsmen for Fish & Wildlife	Benefits, impacts and proper spacing of guzzlers	2/8/2003	12/31/2009	\$5,000	4
Flinders, Jerran		UT DNR	Occurrence Habitat Use & Limiting Factors Affecting Pigmy Rabbit	7/1/2008	6/30/2009	\$696,448	3
Flinders, Jerran		Utah Reclamation Mitigation & Conservation	Strawberry Sage Grouse	7/1/2008	6/30/2009	\$67,000	3
Flinders, Jerran		Florida St. (NIH)	Structures - Dynamics - Functions in Channels	3/1/2005	2/28/2009	\$22,500	2
Flinders, Jerran	w/Robinson, Todd	National Wild Turkey	Western Food Plot Plantings with Drought Tolerant Species	6/1/2008	5/31/2009	\$15,000	4
Geary, Brad	w/Hopkins, Bryan	USDA-WSARE	Assessment & Demonstration of the Sustainability of Potatoes	5/15/2007	5/14/2009	\$34,943	2
Geary, Brad	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Geary, Brad	w/Anderson, Val	USDA - Forest Svc	Shrub Seed Enhancement and Competitive Matrix Trl	9/30/2008	9/30/2012	\$20,000	1
Geary, Brad	w/Stevens, Mikel	McKnight Found	Sustainable Production of Quinoa	3/1/2006	2/28/2010	\$5,700	4
Harker, Alan	w/Udall, Joshua	NSF	MRI: Acquisition of Genome Sequencer FLX system	9/1/2008	8/31/2011	\$210,000	1

Hopkins, Bryan		USDA-WSARE	Assessment & Demonstration of the Sustainability of Potatoes	5/15/2007	5/14/2009	\$34,943	2
Hopkins, Bryan	w/Petersen, Steve	NRCS	Hydrophobic Soils - Restoration Milford Flat Fire	9/1/2008	9/30/2011	\$19,322	1
Jellen, Eric		USDA-ARS-NPGS	Collect Chenopodium Germplasm for Crop Improvement	9/4/2008	7/31/2009	\$2,000	1
Jellen, Eric	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Jellen, Eric	w/Stevens, Mikel	McKnight Found	Sustainable Production of Quinoa	3/1/2006	2/28/2010	\$5,700	4
Jolley, Vaughn	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Larsen, Randy		Sportsmen for Fish & Wildlife	Benefits, impacts and proper spacing of guzzlers	2/8/2003	12/31/2009	\$5,000	4
Larsen, Randy		Utah Reclamation Mitigation & Conservation	Strawberry Sage Grouse	7/1/2008	6/30/2009	\$67,000	3
Maughan, Jeff		Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Maughan, Jeff	w/Stevens, Mikel	McKnight Found	Sustainable Production of Quinoa	3/1/2006	2/28/2010	\$5,700	4
Petersen, Steven		NRCS	Hydrophobic Soils - Restoration Milford Flat Fire	9/1/2008	9/30/2011	\$19,323	1
Petersen, Steven		Utah - UDAF	Innovative use of seed pelleting for arid rangelands	7/1/2008	6/30/2009	\$66,028	3
Petersen, Steven		US Fish & Wildlife	Spatial Distribution and Habitat of Wild Horses	9/3/2008	9/30/2010	\$18,000	1
Robinson, Todd		National Wild Turkey	Western Food Plot Plantings with Drought Tolerant Species	6/1/2008	5/31/2009	\$15,000	4
Roundy, Bruce		CRE Energy (COE)	Characterization and reclamation of spent shale	9/2/2008	6/30/2009	\$15,000	3
Roundy, Bruce		USGS, Dept Interior	Fire Science Study	9/12/2005	5/22/2009	\$265,652	1
Roundy, Bruce	w/Petersen, Steve	NRCS	Hydrophobic Soils - Restoration Milford Flat Fire	9/1/2008	9/30/2011	\$19,322	1
St. Clair, Samuel		UCBerkley(DOE)	Analyze Large Data Sets - Berkeley Nat Lab	5/1/2008	1/31/2009	\$14,168	2
Stevens, Mikel	w/Allen, Phil	USDA Forest Service	Evolutionary Ecology of the Seedbank Pathogen Pyrenophy Semeniperda	3/30/2008	9/30/2008	\$21,328	1
Stevens, Mikel	w/Maughn, Jeff	Bolivian Ministry of Agriculture	Genetic Improvement of Quinoa	2/1/2005	10/31/2008	\$2,417	4
Stevens, Mikel		McKnight Found	Sustainable Production of Quinoa	3/1/2006	2/28/2010	\$5,700	4
Udall, Joshua A.		NSF	MRI: Acquisition of Genome Sequencer FLX system	9/1/2008	8/31/2011	\$210,000	1
Webb, Bruce		USGS	Unveiling the Bacterium Mineral Interface	9/26/2008	9/25/2009	\$29,500	1

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

Department Totals

Integrative Biology	\$1,564,612
Microbiology & Molecular Biology	\$510,130
Nutrition, Dietetics & Food Science	\$186,321
Physiology & Developmental Biology	\$607,491
Plant & Wildlife Science	\$2,200,814
Bean Museum	\$21,500
Benson	\$0
College Total:	\$5,090,868

Life Sciences

Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
BLM - St of Utah	2	\$30,000
NIH	2	\$527,279
NRCS	1	\$57,967
NSF	14	\$2,037,483
US BLM	1	\$2,400
US Dept Interior BLM	1	\$13,000
US Fish & Wildlife	1	\$18,000
USDA - Forest Svc	1	\$40,000
USDA Forest Service	3	\$74,590
USDA-ARS-NPGS	1	\$2,000
USDI-Nat Forest Sv	1	\$8,000
USGS	1	\$29,500
USGS, Dept Interior	1	\$265,652
<i>Total</i>	30	\$3,105,871
Federal Subcontract Sponsors		
Adademy of Natural Science	1	\$33,876
BNBI	1	\$232,000
Colo State (BLM)	1	\$16,952
Duke U.(DOE)	1	\$78,680
Florida St. (NIH)	1	\$22,500
Florida State Univ (NIH)	1	\$67,712
Montana St (USDA)	1	\$19,898
UCBerkley(DOE)	1	\$14,168
USDA-WSARE	1	\$69,886
<i>Total</i>	9	\$555,672
State Sponsors		
Central Utah Water Conservancy District	1	\$6,750
CRE Energy (COE)	1	\$15,000
CUWCD	1	\$31,734
UT DNR	2	\$726,448
Utah - UDAF	1	\$66,028
Utah DWR	1	\$81,000
Utah Reclamation Mitigation & Conservation	3	\$201,000
<i>Total</i>	10	\$1,127,960
Private Sponsors		
Basic Amer Foods	11	\$137,096
Bolivian Ministry of Agriculture	1	\$16,919
BTRA	2	\$16,666
Deseret Meats	1	\$36,225
Florida Nongame Wildlife	1	\$13,000
LDS Welfare Svcs.	1	\$13,000
McKnight Found	1	\$28,500
National Wild Turkey	1	\$30,000
Solutions BioMed	1	\$3,500
Sportsmen for Fish & Wildlife	2	\$10,000
<i>Total</i>	22	\$304,906