

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

Under the new disclosure requirements announced at the beginning of the 111th Congress by the Senate and House Appropriations Committees, all Members of Congress are required to post on their websites each appropriations request they submit to the respective subcommittees. The information must include an explanation of the project, a justification for the request, and the requesting entity.

Senator Bennett is requiring any entity seeking federal funding to sign, date, and return this form to his office by April 6, 2009. By signing below, the requesting entity acknowledges that each Fiscal Year 2010 Appropriations Request form submitted to Senator Bennett's office, along with this addendum, will be posted on the senator's website in compliance with the new practice of the committee, and will therefore be available to the public. By signing this addendum, the requesting entity also acknowledges that the corresponding appropriations request is a priority for the city, county, council, or other organization that it represents. Each request will continue to be thoroughly reviewed by Senator Bennett's office and by the staff of the Appropriations Committee.

Going forward, Senator Bennett will continue to work to represent Utah's interests by ensuring Utah's priorities are adequately represented with congressionally directed spending.

Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: Utah State University/ARS Agricultural Research Center

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

Senator Robert F. Bennett
FY2010 Appropriations Request Form

Date:	March 6, 2009
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Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	Utah State University /ARS Agricultural Research Center	Total # of Projects Requested	24	Priority #:	
				Subcmte.	1
				USU	1
				USU/SDL Combined	1
Name of Grantee:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill
Suggested Account in Bill:	USDA: Agriculture Research Service (ARS): Buildings and Facilities
Are you submitting this request to other offices?	No.
Total Amount of Federal Funding Requested for Fiscal Year 2009:	An amount up to \$60,000,000, with statutory authority to release federal funds as they become available.
Is any of this Funding Included in the President's Budget Request?	No.
Anticipated Future Funding Requests (amounts and years):	Future funding amounts will be determined by the amount of annual incremental federal funding.
Local and State Funding Sources and Amounts:	\$2.5 million in state funds for planning and design \$43.1 million in state funds as a "challenge bond," with its release contingent on federal appropriations
Other Federal Funding Sources and Amounts:	Programmatic support through ARS research programs.
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$4,351,000	FY09 Omnibus Appropriations, HR1105	ARS Buildings and Facilities
2008	\$5,560,800	Consolidated Appropriations Act of 2008	ARS Buildings and Facilities
2007			
2006			
Federal Agency Contact: (name, office, e-mail and phone number):		Caird E. Rexroad, Associate Deputy Administrator, General Biological Science, National Program Staff, Room 4-2152, Agricultural Research Service, GWCC-BLTSVL, 5601 Sunnyside Avenue, Beltsville, MD 20705-5134, Joseph S Garbarino, Budget and Program Management Staff, Budget Officer Room 358A, 1400 Independence Avenue, SW, WHITTENBG, Washington, DC	
State Agency Contact (name, office, e-mail and phone number):		Dr. Jack E. Staub, Research Leader, USDA, ARS Forage and Range Research Laboratory, 690 N. 1100 E., Logan, UT 84322-6300, Noelle Cockett, Dean, College of Agriculture, Utah State University, 4815 Old	

One Sentence Statement of Purpose for the Project.

Funding for the construction of a joint ARS/USU building in Logan, Utah that will house both federal and university laboratories and
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classrooms for state-of-the-art research and collaboration.

Detailed Description and Justification of the Project.

If you wish, you may submit a separate white paper with additional details.

Utah State University is a national leader in agricultural science. Currently, there are collaborative programs between USU and ARS that have provided valuable research for regional, national, and international agricultural communities. USU is the state's only higher education institution with a comprehensive agricultural curriculum, and the extensive research and teaching coming out of the USU College of Agriculture creates a broad reach and impact.

On March 4, 2008, the Utah State Legislature approved in a "challenge bond" for \$43.1 million which provides the entire state share of the building funding. This bond was approved with legislative language tying release of the state funding with the release of federal funding. To ensure that the state funding is released on a timely and cost-effective schedule, USU requests that federal funds be appropriated and released as quickly as possible.

University Need and New Opportunities:

Opportunities for collaborations between USU and ARS will be increased because ARS labs, including the Pollinating Insect- Biology, Management and Systematics Research Lab and the Forest and Range Research Lab will be located in the new structure. This proximity will provide a unique opportunity for collaborative research with top university and federal programs. The new building will also include campus-wide, technology-enhanced classrooms. The building will allow USU to strengthen its role as a leader in agricultural research, teaching, and service in the West and throughout the United States.

The existing E. G. Peterson Agricultural Science building on the USU campus houses the College of Agriculture, the Utah Agricultural Experiment Station, USU Extension, and several agriculture departments, laboratories and centers, as well as centrally scheduled classrooms. The building was last renovated in 1953. The classrooms and laboratory space in the building are out-of-date and the building has been declared structurally unsound, posing critical safety concerns.

The new building will be a reminder of USU's deeply rooted agricultural legacy and its transformation to new and emerging agricultural fields needed to keep pace with 21st century technologies.

Why Timing is Critical:

- Release of the \$43.1 million is contingent upon and tied as a ration to the release of federal funds
- A delay in federal funding will prevent the release of state funding, posing the risk of project cost increases
- There is committed support from USDA ARS staff
- New Agriculture Research Service project areas are being created and more federal labs and job opportunities on the USU campus will follow

Future Impact:

The College of Agriculture/Agricultural Research Service Building will provide:

- Enhanced cooperative research between federal programs and the critical land-grant mission of USU
- Bolstered research programs yielding significant economic development returns to the state
- Increased research and learning opportunities for USU students and faculty
- ARS scientist recruitment and retention, and creation of new, cutting-edge ARS research opportunities
- Development of new programs for ARS and USU
- Enhancement of existing programs for ARS and USU
- Strengthened collaboration between ARS and USU
- Improved quality of life for individuals, families and communities in the Utah area and throughout the world

State Exactly How the FY09 Funds would be Allocated.

FY10 funds would be used for construction.

Any Additional Information You Would Like to Share with Senator Bennett?

This request is in the nature of a "super" priority for the University. It represents an enormous step forward for the institution. For additional information, please contact: Michael J. Kennedy, Special Assistant to the President for Federal and State Relations, 1455 Old Main Hill, Logan, UT 84322-1455, mjkennedy@usu.edu, <http://www.usu.edu/~mjkennedy>

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Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010

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Project Name: Logan City Blacksmith Fork River Project

Head of the organization making request:

Name: Randy Watts

Title: mayor

Signature: Randy Watts

Date: 4-2-09

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 4, 2009

Requesting Organization:	City of Logan Parks and Recreation Dept., UT	Address:	255 North Main Street, Logan, UT		
Organization Point of Contact:	Russ Akina	Phone:			
Address:	195 South 100 West, Logan, UT 84321	Email:			
DC Representation: (If any)	Tim Stewart	Phone:			
Address:	122 C Street NW Suite 500 Washington DC 20001	Email:			
Name of Project:	Blacksmith Fork River Park Project	Total # of Projects Requested	2	Priority #:	2
Name of Grantee:	City of Logan, UT	Address:	255 North Main Street, Logan, UT 84321		

Suggested Appropriations Bill:	USDA -				
Suggested Account in Bill:	Rural Utah Conservation Initiatives				
Are you submitting this request to other offices?	No.	If yes, please list:			
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$300,000				
Is any of this Funding Included in the President's Budget Request?	Yes.				
Anticipated Future Funding Requests (amounts and years):	\$0				
Local and State Funding Sources and Amounts:	\$0				
Other Federal Funding Sources and Amounts:	\$0				
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
If this is an Energy & Water Request, please include a statutory authorization for the request:					

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$0		
2008	\$150,000	LWCF	49-00363
2007	\$0		
2006	\$0		
Federal Agency Advocate (name, office, e-mail and phone number):	None at this time.		
State Agency Advocate (name, office, e-mail and phone number):	None at this time.		

One Sentence Statement of Purpose for the Project.

Complete nature trail system adjacent to heavily used Logan recreational complex in southwest Logan along the Blacksmith Fork River

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

The Blacksmith Fork River park project preserves established wetlands located along the Blacksmith Fork River while providing public access by way of a City trail system. The proposed park will be linked by trail footbridge to the heavily used Logan Soccer Complex located on the north bank of the Blacksmith Fork River. The proposed park location is also a critical trail connection for Nibley City which city limits are across 1700 South on which the Blacksmith Fork River Park is located. The Blacksmith Fork River Park project is an ideal location for a public park due to its proximity to the Blackhawk condominium and Country Manor residential subdivisions. The proposed site contains 2.33 acres of undeveloped land.

State Exactly How the FY10 Funds would be Allocated.

All the funding requested for the project will be allocated for construction related activities such as grubbing and grading, preservation of wetland areas, construction of walkways and trail, irrigation, landscaping, footbridge installation, signage, curb, gutter, and drainage installation.

Justification for the Use of Taxpayer Funds for the Project.

To develop City property for the benefit of the general public and to enhance quality of life.

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Project Name: Coal Creek Flood Control and Parkway Project

Head of the organization making request:
Name: Gerald R. Sherratt

Title: Mayor

Signature: Gerald R. Sherratt

Date: April 21, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 5, 2009

Requesting Organization:	Cedar City Corporation	Address:	10 North Main St. Cedar City, UT 84720		
Organization Point of Contact:	Dianne McDonald, Grants Coordinator	Phone:			
Address:	10 North Main St. Cedar City , UT 84720		Email:		
DC Representation: (If any)		Phone:			
Address:		Email:			
Name of Project:	Coal Creek Flood Control and Parkway Project	Total # of Projects Requested	1	Priority	1
Name of Grantee:	Cedar City Corporation	Address:	10 North Main Street Cedar City, UT 84720		

Suggested Appropriations Bill:	HR-2673 Consolidated Act 2004, Title II Conservation Programs
Suggested Account in Bill:	Natural Resource Conservation Service (NRCS) Water and Flood Prevention Operations
Are you submitting this request to other offices?	If yes, please list: Senator Orrin Hatch Congressman Jim Matheson
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$2,620,000.00
Is any of this Funding Included in the President's Budget Request?	Not Known
Anticipated Future Funding Requests (amounts and years):	0.00
Local and State Funding Sources and Amounts:	\$450,000.00 Cedar City \$500,000 Utah Department of Transportation
Other Federal Funding Sources and Amounts:	None
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$0.00	Agriculture	Natural Resource Conservation Service (NRCS) Water and Flood Prevention Operations
2008	\$0.00	Agriculture	Natural Resource Conservation Service (NRCS) Water and Flood Prevention Operations
2007	\$0.00	Agriculture	Natural Resource Conservation Service (NRCS) Water and Flood Prevention Operations
2006	\$2,234,596.00	Agriculture	Natural Resource Conservation Service (NRCS) Water and Flood Prevention Operations
Federal Agency Advocate (name, office, e-mail and phone number):			
State Agency Advocate (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

The purpose of the project is to provide flood prevention for properties along the Coal Creek Channel during a flood event and to provide a trail and parkway as part of the project enhancement.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

Please see below

State Exactly How the FY10 Funds would be Allocated.

These funds will help completed the construction of the Coal Creek Flood Control and Parkway Project.

Justification for the Use of Taxpayer Funds for the Project.

These funds will provide protect properties that are presently in danger of damage if a flood occurs. Taxpayer dollars would be better spent preventing flooding than cleaning up and paying for damage time and time again.

Project Description:

In 2005, Coal Creek generated 85,000 acre-feet of water from snow pack runoff, 20,000 more than the previous 70-year high. While wide-scale disasters were averted, there was flood damage to property and structures around the once dry lakebed known as Quichapa Lake. The potential 100-year flood damage by Coal Creek was documented in a recent EIS study by Bowen Collins and Associates indicating that damage to local businesses and homeowners as well as Federal, State and local government property was likely. Restoration and improvement of Coal Creek Channel will provide proper flood prevention for properties along the channel during a flood event. In addition to these benefits, a walking trail will be developed along the restored channel.

Project Justification:

The complete portion of the project was funded with City, State and federal funds. The main portion of the funding came from a federal grant from the H.R. 2673, Consolidated Appropriations Act, Title II-Conservation Programs 727 Utah through the Natural Resource Conservation Service (NRCS). While there are sufficient City and State funds to complete the project, sufficient federal funding was not obtained. Leaving the project incomplete leaves a significant part of the City exposed to flood damage if not increasing the probability of flood damage due to the routing of the flood waters to a smaller area.

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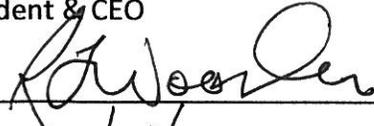
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Project Name: Collaborative Cardiovascular Drug Safety and Biomarker Research Program

Head of the organization making request: Name: Raymond L. Woosley, MD, PhD

Title: President & CEO

Signature: 

Date: 5/4/09

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: February 25, 2009

Requesting Organization:	The Critical Path Institute	Address:	4280 N. Campbell Ave. #214 Tucson, AZ 85718			
Organization Point of Contact:	Dr. Raymond L. Woosley	Phone:				
Address:	Above	Email:				
DC Representation: (If any)	David Larson	Phone:				
Address:	122 C Street, NW, Suite 500	Email:				
Name of Project:	Collaborative Cardiovascular Drug Safety and Biomarker Research Program	Total # of Projects Requested	1	Priority #:	1	
Name of Grantee:	Food and Drug Administration	Address:	5600 Fishers Lane, Rockville, MD			

Suggested Appropriations Bill:	Agriculture
Suggested Account in Bill:	Food and Drug Administration
Are you submitting this request to other offices?	If yes, please list:
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$1,500,000
Is any of this Funding Included in the President's Budget Request?	No
Anticipated Future Funding Requests (amounts and years):	\$1,500,000 for FY11, 12
Local and State Funding Sources and Amounts:	0
Other Federal Funding Sources and Amounts:	0
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$550,000	Agriculture	Food and Drug Administration
2008	\$665,486	Agriculture	Food and Drug Administration
2007	\$705,486	Agriculture	Food and Drug Administration
2006	\$674,974	Agriculture	Food and Drug Administration
Federal Agency Advocate (name, office, e-mail and phone number):	Dr. Janet Woodcock, Deputy Commissioner, Food and Drug Administration		
State Agency Advocate (name, office, e-mail and phone number):	Dr. Jeffrey Anderson LDS Hospital, Intermountain Health, U. Utah		

One Sentence Statement of Purpose for the Project.

Sustained funding will enable this already successful project to continue serving as a template for how validated genetic tests that are predictive of response to drug therapy can accelerate the safe development of new drugs for cardiovascular disease. The work completed in the initial phase of this project (Warfarin) is estimated to save thousands of lives and \$1.1 billion annually.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

This research program is identifying candidate genes and proteins in the Intermountain Health databases, designing and conducting genomic and proteomic biomarkers validation experiments by the Critical Path Institute, Intermountain Health/University of Utah, FDA and manufacturers, determining which biomarkers identify heart failure patients who are most likely to respond favorably to drug therapy and those at highest risk of adverse events.

State Exactly How the FY10 Funds would be Allocated.

Intermountain Health/University of Utah = equipment \$50,000, laboratory supplies \$50,000, salaries \$200,000
Critical Path Institute = salaries \$500,000, data management \$325,000, Computer modeling/simulation \$225,000, travel \$25,000, Communications \$25,000, conferences \$100,000

Justification for the Use of Taxpayer Funds for the Project.

In the U.S., over 250,000 die annually from Congestive Heart Failure (CHF), over 5 million Americans have CHF (with 500,000 newly diagnosed each year) and it is the most common cause for hospitalizations. New, safe medicines are badly needed to effectively treat CHF. Scientists at the Critical Path Institute, the FDA and the Intermountain Health/University of Utah have begun work to test and validate innovative methods to accelerate the development of new and safe therapies for patients with heart disease.

As Proposed by Congress and to be conducted under FDA's Critical Path Initiative - a goal of which is to foster the development of new tools to both promote drug safety and accelerate the development of innovative new therapies, through appropriate collaboration with multiple parties - this multi-phased, collaborative research program will include the development of an infrastructure to support this program and subsequent related studies in cardiovascular disease and genomic/proteomic biomarker research, as stipulated by Congress.

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Project Name: Continuation of the Jack H. Berryman Institute at Utah State University and Mississippi State University

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	Continuation of the Jack H. Berryman Institute at Utah State University and Mississippi State University	Total # of Projects Requested	24	Priority #:	
				Subcmte.	6
				USU	9
				USU/SDL Combined	11
Name of Grantee:	Berryman Institute with united at: Utah State University (BI-West) and Mississippi State University (BI-East)	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill				
Suggested Account in Bill:	USDA: Animal and Plant Health Inspection Service (APHIS): Wildlife Services				
Are you submitting this request to other offices?	No. If yes, please list:				
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$1,500,000				
Is any of this Funding Included in the President's Budget Request?	No.				
Anticipated Future Funding Requests (amounts and years):	Anticipate funding requests of at least \$1,500,000 per year until this annual appropriation can be authorized within the agency budget.				
Local and State Funding Sources and Amounts:	An ongoing State of Utah legislative appropriation of \$170,000 per year is provided to BI-West through USU Extension.				
Other Federal Funding Sources and Amounts:	None.				
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No				
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A				

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$1,049,000	FY09 Omnibus Appropriations; HR1105	Animal and Plant Health Inspection Service (APHIS): Wildlife Services
2008	\$1,117,125	FY08 Consolidated Appropriations Act	Animal and Plant Health Inspection Service (APHIS): Wildlife Services
2007	\$384,021 (BI-West)		Direct Funding from Wildlife Services
2006	\$1,125,000	FY06 Appropriations Act	Animal and Plant Health Inspection Service (APHIS): Wildlife Services
Federal Agency Contact (name, office, e-mail and phone number):	William H. Clay, Deputy Administrator, USDA/APHIS/Wildlife Services, South Ag Building – Room 1624, Washington, DC 20250,		
State Agency Contact (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

Continued funding will enable the BI to expand opportunities for inter-institutional, multi-disciplinary research and outreach programs, increase learning opportunities for students, provide federal, state and private agencies with a more qualified and better educated work force, and, most importantly, enhance the capability of each institution to address and resolve the increasing human-wildlife conflicts across the USA.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

EXPANDED PURPOSE: To date the BI has supported research projects in 26 states of the USA with competitively awarded funding for undergraduate internships, graduate fellowships, and faculty affiliates. These projects address such relevant issues as

beaver control, deer-vehicle collisions, reforestation, depredation at aquaculture facilities, endangered species recovery, impacts of feral hogs, black bear, urban deer, coyotes and raccoons. Outreach and continuing education programs are training USDA/APHIS/Wildlife Services personnel through professional skills workshops and career enhancement courses, and the Institute's new peer-reviewed scientific journal *Human-Wildlife Conflicts* was launched in 2007 and is rapidly gaining national and international recognition.

We are requesting an increase of \$1.5 million to the budget of USDA/APHIS Wildlife Services to make this expansion a reality. Any increase in funding will be used jointly by BI-West (50%) and BI-East (50%) to ensure that the Berryman Institute is fully capable of addressing the increasingly important issues of human-wildlife conflict on a national scale.

State Exactly How the FY10 Funds would be Allocated.

The BI-West portion of the funds will be allocated to:

- Salaries and benefits for BI-West faculty and staff - \$330,000
- Outreach (workshops, extension, conferences) - \$82,500
- Research projects by BI-West at USU - \$75,000
- Grants program for research at universities in the western USA – \$112,500
- Production of the peer-reviewed journal *Human-Wildlife Conflicts* - \$7,500
- Online support to USDA-APHIS-Wildlife Services personnel needing in-service training - \$22,500
- Institutional operating costs of BI-West at USU - \$45,000
- Indirect costs/overhead (10%) – \$75,000

Justification for the Use of Taxpayer Funds for the Project.

The Berryman Institute is nationally recognized as the preeminent source of scientifically-based information on the mitigation of human-wildlife conflict.

Issues pertaining to human-wildlife interactions are increasing in prominence in the USA. A recent study requested by Congress found that annually in the US, over 35,000 people are attacked or bitten by wildlife, 16,000 people are injured in deer-vehicle collisions, and thousands more sickened by wildlife-borne diseases. Economic losses from wildlife damage include \$1.6 billion in property damage from deer-vehicle collisions, \$4.4 billion in property damage to private households, \$3.4 billion loss to the timber industry, and a \$2 billion loss in agricultural production.

The project operates on annual congressional directives but ongoing discussions with USDA/APHIS administrators are aimed at getting the BI written into the agency budget as a permanent line-item.

USU Contact:

Dr. Johan T. du Toit, Co-Director
Jack H. Berryman Institute
Utah State University
5230 Old Main Hill
Logan, UT 84322-5230

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Fiscal Year 2010**

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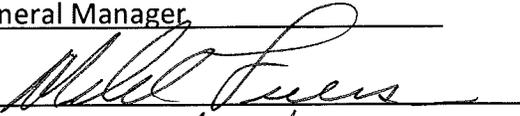
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Project Name: East Canyon Watershed Non-point Source Pollution Reduction Project –
Snyderville Basin Water Reclamation District

Head of the organization making request: Name: Mike Luers

Title: General Manager

Signature: 

Date: 3/24/09

Senator Robert F. Bennett
FY2010 Appropriations Request Form

Date:	February 23, 2009
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Requesting Organization:	Snyderville Basin Water Reclamation District	Address:	2800 Homestead Road Park City, UT 84098		
Organization Point of Contact:	Mike Luers, General Manager	Phone:			
Address:	2800 Homestead Road, Park City, UT 84098	Email:			
DC Representation:	(If any) Allen Freemyer	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	East Canyon Watershed Non-Point Source Pollution Reduction Project – Snyderville Basin Water Reclamation District (UTAH CONSERVATION INITIATIVE)	Total # of Projects Requested	2	Priority #:	1
Name of Grantee:	Snyderville Basin Water Reclamation District (Utah NRCS – UTAH CONSERVATION INITIATIVE)	Address:	2800 Homestead Road, Park City, Utah 84098		

Suggested Appropriations Bill:	Agriculture
Suggested Account in Bill:	Natural Resources Conservation Service
Are you submitting this request to other offices?	
Total Amount of Federal Funding Requested for Fiscal Year 2009:	\$1 Million
Is any of this Funding Included in the President's Budget Request?	No.
Anticipated Future Funding Requests (amounts and years):	Yes. It is anticipated that there could be several more years funding, if the cooperation between SBWRD and Utah NRCS continues on such a positive level.
Local and State Funding Sources and Amounts:	There has been a close partnership with the Utah NRCS, and local funds from this state agency as well as from the SBWRD have been applied to this project with positive results. User fees / other local and contribution from beneficiaries will continue as a local match on this project.
Other Federal Funding Sources and Amounts:	N/A
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	Unsuccessful request	N/A	N/A
2008	Unsuccessful request	N/A	N/A
2007	N/A – H. Res 20 Eliminated the Utah Conservation Initiative for FY2007	N/A	N/A
2006	\$500,000	Agriculture	NRCS – Utah Conservation Initiative
2005	N/A	N/A	N/A
Federal Agency Advocate (name, office, e-mail and phone number):		N/A	
State Agency Advocate (name, office, e-mail and phone number):		Sylvia Gillen, USDA, NRCS Wallace F. Bennett Federal Building, 125 South State Street, Room 4402 Salt Lake City, UT 84138-1100 Todd Nielson – Asst State Conservationist for Field Operations –	

One Sentence Statement of Purpose for the Project.

Funding would continue the successful coordination with the NRCS to control non-point source contributions of nutrients above and below the Snyderville Basin Water Reclamation District (SBWRD) facility such that state water quality standards for dissolved oxygen and phosphorus are achieved.

Detailed Description of the Project.

If you wish, you may submit a separate white paper with additional details.

Funds would also be used by SBWRD and NRCS to develop and implement an ongoing information and education program in order to inform and educate residence and business of water quality impacts and what can be done to minimize these impacts. The East Canyon Watershed is located in north central Utah approximately 20 miles east of Salt Lake City in Snyderville Basin and Park City areas. This project will continue the successful work already performed in addressing non-point source pollution in the watershed. The overall goal of the project is to reduce non-point source pollution entering East Canyon Reservoir and East Canyon Creek and its tributaries in order to meet state water quality standards and beneficial uses. This project will use a voluntary, incentive based approach to encourage landowner participation. By providing grants and educating landowners about the importance of improving water quality, the goals of this project can be achieved.

State Exactly How the FY10 Funds would be Allocated.

Funds would be allocated by the NRCS according to the Stream Visual Assessment Protocol (SVAP), a thorough and in-depth study of environmental needs for the East Canyon Creek. As this is not a "pass through," the Utah NRCS will carefully allocate the funding as per its regulations and the guidance from its SVAP. As much of the environmental impact work was completed with the FY2006, the majority of these funds would go to on-the-ground improvements and would have direct impact on the East Canyon Creek and the surround ecosystem. More than originally anticipated, the health of this water system is crucial to the greater water Snyderville Basin water system and beyond.

Justification for Use of Taxpayer Funds for this Project.

This is the same request that was submitted for FY 2008 and FY2009. This has been a very successful collaboration between Local NRCS and SBWRD officials in working closely together. The Natural Resource Conservation Service (NRCS) conducted a Stream Visual Assessment Protocol (SVAP) for East Canyon Creek and the main tributaries, listing costs associated with improving the stream in order to help meet water quality standards. There has already been great success in preserving part of the East Canyon Creek, and continued funding would further the partnership between SBWRD and the Utah NRCS in preserving water and land resources for this part of the State.

ADDENDUM

**Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010**

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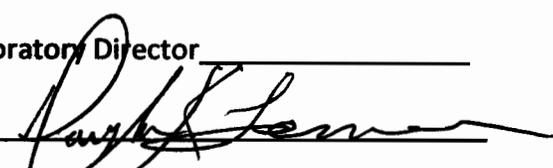
Going forward, Senator Bennett will continue to work to represent Utah's interests by ensuring Utah's priorities are adequately represented with congressionally directed spending.

Note: A signed addendum must be returned for each appropriations request submitted for Fiscal Year 2010.

Project Name: ECRE – Environmental Consequences of Renewable Energy

Head of the organization making request: Name: Douglas K. Lemon, Ph.D.

Title: Laboratory Director

Signature: 

Date: March 25, 2009

Senator Robert F. Bennett
FY2010 Appropriations Request Form

Date:	March 6, 2009
--------------	---------------

Requesting Organization:	Space Dynamics Laboratory	Address:	1695 N. Research Park Way Logan, UT 84341		
Organization Point of Contact:	Gail Bingham	Phone:			
Address:	1695 N. Research Park Way, Logan, UT 84341		Email:		
DC Representation:	(If any) David B. Lee	Phone:			
Address:	2526 L Street NW, Washington DC 20037		Email:		
Name of Project:	ECRE – Environmental Consequences of Renewable Energy		Total # of Projects Requested	24	Priority #: Subcmte. 9 SDL 5 USU/SDL Combined 22
Name of Grantee:	Space Dynamics Laboratory	Address:	1695 North Research Park Way Logan, Utah 84341		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill				
Suggested Account in Bill:	Agricultural Research Service (ARS)				
Are you submitting this request to other offices?	No.		If yes, please list:		
Total Amount of Federal Funding Requested for Fiscal Year 2010:	+ \$3,000,000				
Is any of this Funding Included in the President's Budget Request?	Yes. See Section on "Green Our Nation's Farms," pg. 22 of "A New Era of Responsibility Renewing America's Promise;" (The President's overview of FY10 Budget available from OMB; Detailed budget not yet available).				
Anticipated Future Funding Requests (amounts and years):	None.				
Local and State Funding Sources and Amounts:					
Other Federal Funding Sources and Amounts:					
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A				
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A				

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009			
2008			
2007			
2006			
Federal Agency Contact (name, office, e-mail and phone number):	Charlie Walthall National Program Air Quality Lead, USDA, ARS,		
State Agency Contact (name, office, e-mail and phone number):	Jerry Hatfield, USDA ARS National Soils Tilth Laboratory Director,		

One Sentence Statement of Purpose for the Project.

Additional support to the ARS National Program Air Quality and Renewable Energy Assessment programs adding additional funding to expand the assessment to include air quality consequences of expanded generation and use of renewable energy from agricultural sources.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

See Attached.

State Exactly How the FY10 Funds would be Allocated.

ARS Laboratories in Iowa, Kansas and Utah along with the Space Dynamics Laboratory in Logan, UT.
 National Soil Tilth Laboratory - \$650K
 Wind Erosion Research Unit at ARS-GMPRC - \$350K
 Forage & Range Research Laboratory - \$1,000,000
 Space Dynamics Laboratory - \$1,000,000

Justification for the Use of Taxpayer Funds for the Project.

Huge sums of money, interest and effort are and will be invested in renewable energy source development, with most of the effort directed toward additional energy production. An independent team needs to be looking at the environmental consequences of each of these sources and the regions of the country where they are being implemented. The existing USDA ARS Renewable Energy Assessment Project (REAP) is looking at the soil and water aspects of these sources. Air Quality issues need to be added to this effort. This request will fund adding ARS National Program specialists in aerosol and gas affects to the REAP team's efforts. The participants in this effort have extensive experience working together on these issues, and can work seamlessly with the REAP partners. Expanding this team to add this effort will provide the accurate and timely inputs required to make the implementation of these new energy technologies as environmentally friendly as possible.

This funding is required to allow the air quality study to catch up with and maintain the maturity level of the work being done on soil and water issues.

Environmental Consequences of Renewable Energy (ECRE) -2010

Funding: Increase USDA ARS *Renewable Energy Assessment Project (REAP)* Funding by \$3,000,000

Problem:

Agriculture is increasingly viewed as a contributor to declining air quality. Dust, ammonia, odors and smoke from agricultural operations are identified for adverse impact on air quality. EPA recently regulated dust generated from agricultural sources. Reducing foreign energy use and the U.S. carbon footprint by biomass energy production has been proposed, but unrestrained production could also increase wind and water erosion. The key USDA-ARS Renewable Energy Assessment Project (REAP) objective is to maintain an optimum balance between production and negative soil, water and air consequences.

Explanation:

Over the last 70 years, significant advances have been made by American agriculture to protect the nation's valuable soil resources. Wind and water erosion have been greatly reduced. This gain resulted from the utilization of non-harvested vegetation to stabilize the soil during non-cropping and early growth periods and removing erodible land from the production system. REAP is a national energy biomass assessment effort, designed to guide decisions to utilize these resources to minimize energy imports, while still maintaining food production and improving environmental quality. REAP links research, data base development, model evaluation, and technology transfer activities. Goals are:

1. To determine the amount of crop residue needed to protect the soil resource.
2. To compare short- and long-term economic value of biomass as a bio-energy feedstock and as a soil carbon source.
3. To provide recommendations and guidelines for sustainable biomass harvest to the Department of Energy, producers and other cooperators.

REAP is concentrating on soil and water issues. Expanding REAP to include the air quality expertise of teams in Utah, Iowa and Kansas will provide existing data, technology and procedures to the effort. Adding the WEPS model natural resource data base and the Aglite system to REAP will expand the capability to evaluate forage and farming impacts on soil and air quality. The teams unique capability provides tools with proven emission reduction solutions (ARS-National Soil Tilth Laboratory, Ames, Iowa); perennial grass genetics and production knowledge [USDA, ARS, Forage and Range Research Laboratory (FRRL), Logan, UT]; the nation's premier wind erosion modeling (ARS-GMPRC in Manhattan, KS); and the Aglite real time Aerosol Measurement System (SDL, Logan, UT).

Approach:

Adding these teams to the assessment will require additional funding as follows:

NSTL: National Soil Tilth Laboratory; requires base support for coordination and leadership, experiment execution, routine data collection at study sites, data base population, data analysis, and alternative management approach development (\$650K).

WERU: Wind Erosion Research Unit at ARS-GMPRC; The Wind Erosion Prediction System (WEPS) developed by WERU for the USDA Natural Resources Conservation Service (NRCS) will be used to estimate particulate emissions under the alternative practices. WEPS utilization, improvement and application at the study sites will require an increase in their base funding of \$350K.

FRRL: Evaluate the effects of different plant materials and management alternatives on air-quality and soil health. Identify and develop plant materials that lead to improved soil and air-quality, soil nutrient-use efficiency, enhanced biological inhibition of nitrification, and reduced aerosol and greenhouse gas emissions. To complement this assessment, ARS will establish two scientist positions at FRRL (permanent increase of \$1,000,000 to its base funds) focused on air quality issues.

SDL: The Space Dynamics Laboratory, will provide real time assessment of the management strategies, regional air quality modeling, and greenhouse footprint using the unique Aglite System (\$1,000,000).

Potential Language: The Committee supports the ARS National Program Air Quality and Renewable Energy Assessment programs and adds additional funding to expand the assessment to include air quality consequences of expanded use of renewable energy from agricultural sources using ARS laboratories in Iowa, Kansas and Utah and the Space Dynamics Laboratory in Logan, UT.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Project Name: Education, Outreach, Demonstration, & Research at the Utah Botanical Center

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	Education Outreach, Demonstration, & Research at the Utah Botanical Center	Total # of Projects Requested	24	Priority #:	
				Subcmte.	8
				USU	14
				USU/SDL Combined	17
Name of Grantee:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill
Suggested Account in Bill:	USDA: Cooperative State Research, Education and Extension Service (CSREES): Special Research Grants
Are you submitting this request to other offices?	No. If yes, please list:
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$627,377
Is any of this Funding Included in the President's Budget Request?	No.
Anticipated Future Funding Requests (amounts and years):	FY11 – \$1,000,000; FY12 - \$1,000,000
Local and State Funding Sources and Amounts:	State of Utah - \$118,865 (ongoing)
Other Federal Funding Sources and Amounts:	
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$629,000	FY09 Omnibus Appropriations, HR1105	Cooperative State Research, Education and Extension Service (CSREES)
2008	\$670,275	Consolidated Appropriations Act of 2008	Cooperative State Research, Education and Extension Service (CSREES)
2007	\$0		
2006	\$833,976	Agriculture Appropriations Bill	Cooperative State Research, Education and Extension Service (CSREES)
Federal Agency Contact (name, office, e-mail and phone number):		James Parochetti, National Program Leader, CSREES, USDA,	
State Agency Contact (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

Continue development of the Utah Botanical Center (UBC) as a regional learning center, promoting natural resource conservation and environmental stewardship. The UBC will achieve this goal through research, extension, and education. These efforts support production and integration of low water use plants in sustainable built landscapes in high desert environments as well as development of effective means of disseminating useful information to local citizens.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

Expanded Purpose
<ul style="list-style-type: none"> Assist regional plant growers and landscapers through education and research to develop and evaluate native and well-adapted, non-invasive landscape plants for use in ornamental settings. Expand distance education offerings from the UBC.

- Continue to establish public demonstration landscapes to illustrate plant combinations for water-conserving residential, institutional and commercial landscapes.
- Develop and support education programs focusing on natural systems. The UBC property provides meaningful learning opportunities for a variety of audiences.
- Promote plant conservation by establishing a repository of germplasm and live specimens including selected plant species of interest and threatened and endangered species from the Intermountain Region.
- Investigate and establish suitable landscape plant choices for the Intermountain Region by: collecting native plant seed, conducting trials of promising species, advancing nursery production methods, and interpreting the potential invasiveness of tried species.
- Continue roadside enhancement studies on 3/4-mile frontage owned by UBC on Interstate 15.
- Investigate opportunities to develop a range of commercially available native turf and turf/forb products.

Figure 1 Drought tolerant turf research at the UBC



Figure 2 Lysimeter test plots at the UBC

State Exactly How the FY10 Funds would be Allocated.

Salaries, wages & benefits: \$300,000
 Research projects: \$200,000
 Operation, materials and supplies: \$125,000

Justification for the Use of Taxpayer Funds for the Project.

Justification

Enhancing the quality of constructed landscapes while reducing water use by at least 50% is critical to the growth and development of the Intermountain West because:

- More people are making their homes on the range, and in the mountains, valleys and cities of the western United States — but no one is making more water. The West is arid and generally receives much less precipitation than the rest of the nation. For example, Utah receives just 13 inches of precipitation annually, compared with Virginia’s annual average of about 42 inches.
- Limited water sources and costly delivery alternatives. Throughout the West approximately 50% of all treated culinary water is currently used on home landscapes, golf courses, and parks.
- Scientists predict that in coming decades Utah’s temperature will rise and the state will receive 5-10% less water in the summer. Compounding the problem will be more rain and less snow in the winter, resulting in rapid and earlier runoff, which will strain the static capacity of reservoirs and leave them with far less water in the hotter summer.
- Utah is the fastest growing state in the nation. Six of the top 8 fastest growing states are in the Intermountain West.
- Utah’s population will more than double in the next 40 years — topping five million by 2050. The majority of this growth will be along the Wasatch Front with over two million new residents between now and 2050.
- Utah has the fifth highest number of plant species at risk for extinction.



Figure 3 Blue Eyes, a native Forget-me-not, *Eritrichium aretioides*, shows strong potential for introduction as an ornamental landscape plant



Figure 4 Visitors attend a UBC waterwise plant sale.

USU Contact:

David Anderson, Director
 Utah Botanical Center
 Utah State University
 4870 Old Main Hill
 Logan, UT 84322-4870

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Project Name: Environmental Training/NEPA Certificate Program for Federal Employees

Head of the organization making request: Name: Richard C. Stewart

Title: Chief Executive Officer

Signature: RC Stewart

Date: 7 APR 09

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	Utah State University & The Shipley Group	Address:	5215 Old Main Hill, Logan, UT 84322-5215 1584 South 500 West, Suite 201 Woods Cross, UT 84010		
Organization Point of Contact:	Joanna Endter-Wada / Sid Allen	Phone:			
Address:	1584 South 500 West, Suite 201 Woods Cross, UT 84010	Email:			
DC Representation: (If any)	Luke Johnson	Phone:			
Address:	6809 Crutchfield St., Falls Church, VA 22043	Email:			
Name of Project:	Environmental Training/NEPA Certificate Program for Federal Employees	Total # of Projects Requested	2	Priority #:	2
Name of Grantee:	Utah State University, College of Natural Resources, NEPA Certificate Program	Address:	5215 Old Main Hill, Logan, UT 84322		

Suggested Appropriations Bill:	Agriculture
Suggested Account in Bill:	USDA
Are you submitting this request to other offices?	No
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$1,000,000
Is any of this Funding Included in the President's Budget Request?	No
Anticipated Future Funding Requests (amounts and years):	Yes (to be determined based on need)
Local and State Funding Sources and Amounts:	
Other Federal Funding Sources and Amounts:	None
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	0		
2008	0		
2007	0		
2006	0		
Federal Agency Advocate (name, office, e-mail and phone number):			
State Agency Advocate (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

\$1,000,000 for Utah State University to provide NEPA Certificate Program training to federal employees to help them more efficiently and effectively comply with environmental laws and policy implementation and documentation requirements, including climate change analysis and effects.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

The National Environmental Policy Act (NEPA) is a critical environmental law requiring Federal agencies to disclose the impacts of all major Federal actions and review alternatives and mitigation measures that may reduce their impacts. Government agencies involved in the NEPA process need personnel who are well trained in the public involvement, scientific analysis, documentation, and decision-making aspects of NEPA. In addition, they should be well acquainted with the accompanying Council on Environmental Quality (CEQ) regulations and various agencies' NEPA procedures.

The NEPA Certificate Program was designed to prepare natural resource and environmental professionals to meet the challenges of compliance and effective NEPA documentation. Those who successfully complete the program will be better able to meet the requirements of both the spirit and letter of the law. Through this training, agency personnel will become more effective and efficient in preparing the necessary documentation that will allow agencies to meet their administrative goals and objectives.

State Exactly How the FY10 Funds would be Allocated.

Funds would be used to provide Federal employees with training through the graduate-level NEPA Certificate Program at Utah State University, through the Department of Environment and Society in the College of Natural Resources.

Justification for the Use of Taxpayer Funds for the Project.

Given the extensive and evolving requirements involved in compliance with NEPA, as well as the critical need to efficiently and effectively prepare environmental documents, funds are needed to train and enhance skills of Federal employees. This comprehensive NEPA training is essential to ensure projects and objectives, such as those outlined in the American Recovery and Reinvestment Act, are met in a timely way.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: Functional Genomics in Nature

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	Functional Genomics in Nature	Total # of Projects Requested	24	Priority #:	
				Subcmte.	2
				USU	3
				USU/SDL Combined	4
Name of Grantee:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill	
Suggested Account in Bill:	USDA: Cooperative State Research, Education and Extension Service (CSREES): Special Research Grants.	
Are you submitting this request to other offices?	No.	If yes, please list:
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$1,600,000	
Is any of this Funding Included in the President's Budget Request?	No.	
Anticipated Future Funding Requests (amounts and years):	FY2011: \$1,800,000	
Local and State Funding Sources and Amounts:	Utah State Legislature: \$850,000 (on-going).	
Other Federal Funding Sources and Amounts:	MOST (China): \$60,000 (one-time); Over 25 grants submitted to Federal agencies in the last two years (pending), including National Institutes of Health (NICHD) - \$1,073,296 and USDA/NRICGP for \$627,000.	
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$1,119,000	FY09 Omnibus Appropriations, HR1105	U.S. Dept. of Agriculture (USDA); Cooperative State Research, Education and Extension Service (CSREES)
2008	\$1,100,000	FY08 Consolidated Appropriations	U.S. Dept. of Agriculture (USDA); Cooperative State Research, Education and Extension Service (CSREES)
2007	\$0		
2006	\$1,200,000	FY06 Agriculture Appropriations	U.S. Dept. of Agriculture (USDA); Cooperative State Research, Education and Extension Service (CSREES)
Federal Agency Contact (name, office, e-mail and phone number):		USDA/CSREES, Muquarrab Qureshi, Director, Animal Section,	
State Agency Contact (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

This project is directed toward the characterization of genetic diversity found in agriculturally significant animals and microbes. Analysis of genetic differences associated with unique phenotypes will lead to the identification of genes and genetic markers that influence and control economically important traits.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

EXPANDED PURPOSE: The Center for Integrated BioSystems (CIB) at Utah State University is developing and applying biotechnology tools for investigation of genetic diversity in animals and microbes. Results obtained within this project will have applications to a broad range of issues, such as food safety, resistance to infectious diseases, identification of genes controlling inherited disorders, and improved production of agriculturally important species.

As one example of the types of studies funded in this project, investigations using animal systems have resulted in the identification of genes in cattle and sheep that produce exceptional carcasses. These genes dramatically increase average carcass quality while lowering production costs and reducing environmental impacts.

In addition, to the identification, characterization and manipulation of genes responsible for improved production and health, the project also includes the propagation of animals with desirable traits through embryo cloning of farm animals. Utah State University is gaining national and international recognition for its breakthroughs on technologies that enhance the cloning process and the application of the technology. Breakthroughs in this area have broad application in science and are already impacting industry outcomes through carcass selection and increased quality of production.

Discoveries in animal genomics can be applied to biomedical studies, especially when using farm animals as models for diseases in humans. In addition to results directly applicable to agriculturally relevant issues, these studies will lead to strategies for the prevention of human diseases and alternative therapeutic treatments.

State Exactly How the FY10 Funds would be Allocated.

FY2010 allocation:

Natural compound discovery - \$400,000

Infectious human and animal diseases - \$700,000

Novel trait targeting - \$600,000

Justification for the Use of Taxpayer Funds for the Project.

This project links ongoing biotechnology, animal genomic and infectious disease research at the Utah State University with emerging focus areas including food safety, natural bioactive compounds, human and animal infectious diseases and enhanced animal production utilizing novel application of emerging technologies.

USU Contact:

Kenneth L. White

Utah State University

Center for Integrated BioSystems

4700 Old Main Hill

Logan, UT 84322-4700

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements
Fiscal Year 2010

Under the new disclosure requirements announced at the beginning of the 111th Congress by the Senate and House Appropriations Committees, all Members of Congress are required to post on their websites each appropriations request they submit to the respective subcommittees. The information must include an explanation of the project, a justification for the request, and the requesting entity.

Senator Bennett is requiring any entity seeking federal funding to sign, date, and return this form to his office by April 6, 2009. By signing below, the requesting entity acknowledges that each Fiscal Year 2010 Appropriations Request form submitted to Senator Bennett's office, along with this addendum, will be posted on the senator's website in compliance with the new practice of the committee, and will therefore be available to the public. By signing this addendum, the requesting entity also acknowledges that the corresponding appropriations request is a priority for the city, county, council, or other organization that it represents. Each request will continue to be thoroughly reviewed by Senator Bennett's office and by the staff of the Appropriations Committee.

Going forward, Senator Bennett will continue to work to represent Utah's interests by ensuring Utah's priorities are adequately represented with congressionally directed spending.

Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

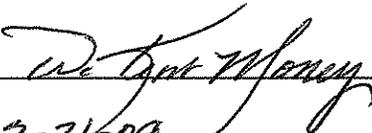
Project Name: Galena Canal Project

Head of the organization making request: Name: W. Kent Money

Title: Mayor

Signature: _____

Date: _____


3-31-09

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	City of South Jordan	Address:	1600 W. Town Center Drive, South Jordan, UT 84095		
Organization Point of Contact:	Laurie Johnson, Asst City Manager	Phone:			
Address:	Same as above		Email:		
DC Representation: (If any)	Luke Johnson	Phone:			
Address:	6809 Crutchfield St., Falls Church, VA 22043		Email:		
Name of Project:	Galena Canal Project	Total # of Projects Requested	3	Priority #:	2
Name of Grantee:	City of South Jordan	Address:	Same as above		

Suggested Appropriations Bill:	Agriculture
Suggested Account in Bill:	NRCS – CO
Are you submitting this request to other offices?	None
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$600,000
Is any of this Funding Included in the President's Budget Request?	No
Anticipated Future Funding Requests (amounts and years):	\$600,000 is total sought
Local and State Funding Sources and Amounts:	
Other Federal Funding Sources and Amounts:	None
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	0		
2008	0		
2007	0		

2006	0		
Federal Agency Advocate (name, office, e-mail and phone number):			
State Agency Advocate (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

\$600,000 for the repair of two storm drain pipes that discharge into the Galena Canal in South Jordan, Utah.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

South Jordan has been working in cooperation with the Natural Resources Conservation Service and the Great Salt Lake Resource Conservation and Development Council on the Galena Canal drainage project. The Galena Canal has two locations where the banks of the canal have failed and storm water and silt are being deposited onto adjacent federal land set aside for conservation. The City has negotiated a license agreement (License #MC-09-0045) with Utah Reclamation Mitigation and Conservation Commission (URMCC) to install a 48" storm drain line across federal lands currently under the supervision of URMCC. In addition a stream alteration permit with the State of Utah has been applied for and approved for the storm water discharge in to the Jordan River. The project will replace two storm drain pipes that discharge into the Galena Canal. The installation of the storm drain will fix a deficient leak in the existing Galena Canal. As part of the project the City has agreed to monitor and restore disturbed areas. Seeding activities will be monitored for three successful years. The project will protect 50 acres of conservation land from flood and sediment.

State Exactly How the FY10 Funds would be Allocated.

The project will replace two storm drain pipes that discharge into the Galena Canal as well as ensure the appropriate seeding and monitoring of the project area.

Justification for the Use of Taxpayer Funds for the Project.

South Jordan has worked closely with the Natural Resources Conservation Service at the US Department of Agriculture, as well as the Great Salt Lake Resource Conservation and Development Council to ensure the project fits within the appropriately authorized conservation programs of the NRCS. In addition, the City has obtained the appropriate agreements and authorizations with the Utah Reclamation, Mitigation, and Conservation Commission, authorized by the Central Utah Project Completion Act to ensure appropriate mitigation. With the approved storm water discharge permit obtained from the State of Utah, the project funds will remedy the problem created by the failed canal to stop the problem of storm water and sediment being deposited on land set aside for conservation. This project is set to begin as soon as funds are made available.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

Under the new disclosure requirements announced at the beginning of the 111th Congress by the Senate and House Appropriations Committees, all Members of Congress are required to post on their websites each appropriations request they submit to the respective subcommittees. The information must include an explanation of the project, a justification for the request, and the requesting entity.

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Note: A signed addendum must be returned for each appropriations request submitted for Fiscal Year 2010.

Project Name: Green River Pumping Project

Head of the organization making request: Name: Darlene Burns

Title: County Commissioner

Signature: Darlene R. Burns

Date: March 24, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: February 2, 2009

Requesting Organization:	Uintah County	Address:	152 East 100 North, Vernal, Utah 84078		
Organization Point of Contact:	Heather Hoyt	Phone:			
Address:	152 East 100 North, Vernal, Utah 84078	Email:			
DC Representation: (If any)	Allen D. Freemyer	Phone:			
Address:	2526 L Street, N.W., Washington, D.C. 20037	Email:			
Name of Project:	Green River Pumping Project	Total # of Projects Requested	5	Priority #:	2
Name of Grantee:	Uintah County	Address:	152 East 100 North, Vernal, Utah 84078		

Suggested Appropriations Bill:	Agriculture
Suggested Account in Bill:	Rural Water and Waste Disposal Account
Are you submitting this request to other offices?	If yes, please list: Senator Hatch, Congressman Matheson
Total Amount of Federal Funding Requested for Fiscal Year 2009:	\$4,000,000
Is any of this Funding Included in the President's Budget Request?	n/a
Anticipated Future Funding Requests (amounts and years):	This is a large project and future federal funding requests are anticipated.
Local and State Funding Sources and Amounts:	Uintah County has received \$3,000,000 from the Utah State Board of Water Resources for this project
Other Federal Funding Sources and Amounts:	n/a
If this is a Transportation Request, is it listed on the TIP or STIP?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If this is an Energy & Water Request, please include a statutory authorization for the request:	This was authorized in the Water Resources Development Act of 2007 (H.R. 1495). The authorization can be found in the Conference Report 110-280 on page 230 (item #271).

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2008	n/a		
2007	n/a		
2006	n/a		
2005	n/a		
Federal Agency Advocate (name, office, e-mail and phone number):	n/a		
State Agency Advocate (name, office, e-mail and phone number):	n/a		

One Sentence Statement of Purpose for the Project.

This project would develop approximately 8,500 acre-feet per year of water for the Uintah Basin area.

Detailed Description and Justification of the Project.

If you wish, you may submit a separate white paper with additional details.

Many areas throughout the Uintah Basin are in need of water for municipal, industrial, and agricultural purposes. The Green River Pumping Project would use a portion of the Flaming Gorge water allocated to the District from the Utah Division of Water Resources by pumping water directly from the Green River. The Green River water would be delivered through a series of pipelines to users in the Ouray Park, Pelican Lake, and Cottonwood areas, which would make available increased diversions from the Uintah River system, by exchange, to the Lapoint-Tridell, Moffatt, and Brough areas. This project would develop approximately 8,500 acre-feet per year of water for the Uintah Basin area.

State Exactly How the FY10 Funds would be Allocated.

Funds will be used for design, engineering and construction.

Justification for the Use of Taxpayer Funds for the Project

This is critical project. The Lapoint-Tridell area has a moratorium on building due to the lack of municipal water. The area is currently working with the Corps of Engineers to construct a water storage facility, anticipating future sources of water being secured and obtained. In addition, the allocated Flaming Gorge water will be lost, within the next couple of years, if not put to beneficial use. Water is critical to the residents of Uintah County and using taxpayer funds would benefit everyone.

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: Health Effects to Alternatives to Dietary Trans Fat

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

Senator Robert F. Bennett
FY2010 Appropriations Request Form

Date:	March 6, 2009
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Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	Health Effects of Alternatives to Dietary Trans Fat	Total # of Projects Requested	24	Priority #:	
				Subcmte.	5
				USU	8
				USU/SDL Combined	10
Name of Grantee:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill				
Suggested Account in Bill:	USDA: Cooperative State Research, Education and Extension Service (CSREES): Special Research Grants				
Are you submitting this request to other offices?	No. If yes, please list:				
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$500,000				
Is any of this Funding Included in the President's Budget Request?	No.				
Anticipated Future Funding Requests (amounts and years):	FY2011 - \$500,000; FY2012 - \$500,000				
Local and State Funding Sources and Amounts:					
Other Federal Funding Sources and Amounts:	It is anticipated that this project will be in conjunction with Pennsylvania State University which will separately seek a Congressional Appropriation.				
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No				
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A				

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009			
2008			
2007			
2006			
Federal Agency Contact (name, office, e-mail and phone number):	Beth Johnson, USDA Deputy Chief of Staff; Caird Rexroad, Associate Administrator of USDA-ARS (http://www.ars.usda.gov/pandp/people/people.htm?personid=4668); David Klurfeld, USDA Human Nutrition Program Leader, (http://www.ars.usda.gov/pandp/people/people.htm?personid=36443).		
State Agency Contact (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

Funds will be used to conduct a controlled clinical trial that is designed to rigorously evaluate the health effects of six solid fats that can be used in foods that currently are made with *trans*-containing fats. The goal is to identify the ideal fat alternative for *trans* fat which will achieve maximum improvements in the public's health.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

EXPANDED PURPOSE: Dietary recommendations have been made for the amount and type of fat in the diet to promote optimal health and prevent chronic diseases. These recommendations have led to changes in the amount and type of fats and fatty acids in the food supply. A current focus is on decreasing saturated and *trans* fats in foods because of present recommendations made to reduce these fatty acids as much as possible. In the 1950's and 1960's partially hydrogenated vegetable oils replaced highly

saturated animal and tropical fats. Research conducted during the 1990s demonstrated many adverse health effects of *trans* fatty acids from partially hydrogenated vegetable oils, which was the impetus for the *trans* fat recommendations.

As a result of a large and growing evidence base, the U.S. Food and Drug Administration mandated *trans* fat labeling in the United States in 2006. The FDA's labeling requirement for *trans* fat resulted in many companies reformulating their products to the degree that they contain 0 g *trans* fat on their labels. However, the replacement of partially hydrogenated oils containing *trans* fats used in baked goods and margarines presents challenges. The primary challenge is matching "solid fat" characteristics in foods using saturated fats while aiming to improve nutritional characteristics. In addition, the two major saturated fats (palmitic acid and stearic acid) used to replace *trans* fats by the food industry have differing nutritional characteristics. Furthermore, sources for these saturated fats are either imported (palm oil from Malaysia) or domestic oils (modified soybean oil) which impact the farm economy.

These funds will be used to conduct a comprehensive clinical trial to evaluate the health aspects of consuming different solid fat alternatives. This clinical study would be conducted at the Center for Advanced Nutrition at Utah State University, possibly in collaboration with Pennsylvania State University (pending a separate appropriation to PSU). Apart from donations of test fats, the study would be conducted independently and not involve members of the food industry.

The study would involve preparing foods with different solid fats, feeding them to volunteers for six weeks each, and examining the impact of the fats on established risk factors for heart disease. Solid fats will be matched by their similar properties in foods and represent ingredients available in the commercial marketplace.

Allocating support for this important clinical study will provide valuable guidance to consumers and the food industry for improving public health. There is a pressing need to find healthy alternatives for *trans* fats in the U.S. food supply.

State Exactly How the FY10 Funds would be Allocated.

Salaries - \$200,000; Food and Supplies - \$100,000; Clinical Assessments - \$30,000; Other Expenses - \$170,000.

Justification for the Use of Taxpayer Funds for the Project.

This would be a landmark study which would propel the Utah State University Center for Advanced Nutrition into the national spotlight. This project is important given the major health implications and impact of *trans* fat alternatives on consumers, the health care industry, the food industry and U.S. farmers who are growing seed oils.

- Heart disease is the leading cause of morbidity and mortality in the United States, and is responsible for 1 in 5 deaths in Utah. *Trans* fats increases risk for heart disease and adversely affect many aspects of health. Removing *trans* fat from the diet will have a large public health impact. It is estimated that with an optimal *trans* fat alternative, up to 22% of coronary events could be prevented each year with a potential savings to the health care industry of \$36 billion dollars. The extent to which this potential benefit is achieved is critically dependent on the identification of the healthiest *trans* fat alternative which maintains suitable properties for use by the food industry.
- The food industry has been responsive in reducing *trans* fat in the diet at a cost of reformulation to the industry of \$139,000,000 - \$275,000,000 with an additional \$96,000,000 - \$139,000,000 cost for small businesses. However, this reformulation has been done without clear knowledge of the ideal replacement for *trans* fat. Evidence-based guidance is desperately needed in this area so that the food industry can confidently continue to reformulate their products using the most healthful *trans* fat alternatives.
- With the reduction of *trans* fat in the diet, domestic use of soybean oil (used in the production of *trans* fat containing partially hydrogenated soybean oil) has declined while that of imported palm oil (an alternative to *trans* fat) has increased. Demonstration that available soybean oil based alternatives (without *trans* fat) provide a superior health profile would help support domestic soybean oil production and use.

USU Contact:

Michael Lefevre
Utah State University
USTAR Professor
Center for Advanced Nutrition
4715 Old Main Hill
Logan, UT 84322-4715

ADDENDUM

Senator Robert F. Bennett Appropriation Disclosure Requirements Fiscal Year 2010

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Note: A signed addendum must be returned for **each appropriations request submitted** for Fiscal Year 2010.

Project Name: High Performance Computing Utah

Head of the organization making request: Name: Stan L. Albrecht

Title: President, Utah State University

Signature: 

Date: April 2, 2009

**Senator Robert F. Bennett
FY2010 Appropriations Request Form**

Date: March 6, 2009

Requesting Organization:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		
Organization Point of Contact:	Michael J. Kennedy	Phone:			
Address:	USU, 1455 Old Main Hill, Logan, UT 84322-1455	Email:			
DC Representation: (If any)	David B. Lee, Lee and Smith, PC	Phone:			
Address:	2526 L Street, NW, Washington, DC 20037	Email:			
Name of Project:	High Performance Computing Utah	Total # of Projects Requested	24	Priority #:	
				Subcmte.	4
				USU	5
				USU/SDL Combined	7
Name of Grantee:	Utah State University	Address:	1455 Old Main Hill, Logan, UT 84322-1455		

Suggested Appropriations Bill:	FY10 Agriculture Appropriations Bill	
Suggested Account in Bill:	USDA: Cooperative State Research, Education and Extension Service (CSREES), Special Research Grants	
Are you submitting this request to other offices?	No.	If yes, please list:
Total Amount of Federal Funding Requested for Fiscal Year 2010:	\$600,000	
Is any of this Funding Included in the President's Budget Request?	No.	
Anticipated Future Funding Requests (amounts and years):	FY2011 - \$600,000; FY2012 - \$600,000	
Local and State Funding Sources and Amounts:	USU Funding - \$218,000; State Funding (pending) - \$1,100,000	
Other Federal Funding Sources and Amounts:	NSF, PetaApps (pending) - \$650,000; NSF, MRI (will be submitted) - \$800,000.	
If this is a Transportation Request, is it listed on the TIP or STIP?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No	
If this is an Energy & Water Request, please include a statutory authorization for the request:	N/A	

Project Funding History

Fiscal Year	Amount Appropriated	Appropriations Bill	Account
2009	\$525,000	FY09 Omnibus Appropriation, HR1105	Cooperative State Research, Education and Extension Service (CSREES)
2008	\$523,222	FY08 Consolidated Appropriations Act	Cooperative State Research, Education and Extension Service (CSREES)
2007			
2006	\$545,000	FY06 Agriculture Appropriations	Cooperative State Research, Education and Extension Service (CSREES)
Federal Agency Contact (name, office, e-mail and phone number):			
State Agency Contact (name, office, e-mail and phone number):			

One Sentence Statement of Purpose for the Project.

The High Performance Computing Utah project will apply high performance computation to advance research in agriculture and natural resource management, supporting U.S. Global leadership in sustainable utilization of agriculture and natural resources.

Detailed Description the Project.

If you wish, you may submit a separate white paper with additional details.

EXPANDED PURPOSE: This initiative is in concert with the President's Information Technology Advisory Committee (PITAC) report and the recently passed High Performance Computing (HPC) Revitalization Act and addresses the critical needs for high performance computing education and resources on the local, state and national level. Through this program, the high performance computing resources at HPC@USU will be expanded by improving the visualization, storage and networking capabilities. The state and national needs for high performance computing education, in this case for agricultural scientists and students, will be addressed

by the development and dissemination of training material specifically targeting the agricultural research audience.

State Exactly How the FY10 Funds would be Allocated.

Computing equipment and storage - \$300,000; Personnel - \$100,000; Seed grants for faculty and students in Agriculture and Natural Resource for computational work - \$200,000.

Justification for the Use of Taxpayer Funds for the Project.

One of two high performance computing programs in the US to support agricultural research. Develop community codes and use the high performance computing resources for detailed snowpack simulations in Utah.

USU Contact:

Thomas Hauser, Director
Center for High Performance Computing
Utah State University
4175 Old Main Hill
Logan, UT 84322-4175