

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
Aflatoxin Mitigation Center of Excellence	LSU AgCenter - Baton Rouge, La	Agriculture research program promoting and refining biological control and ecology; developing resistance through breeding and genetics; identifying best management practices; and improving and obtaining approval of procedures to remediate contaminated grain. This index will be made available to corn growers and handlers so they can determine the best procedures available to minimize aflatoxin contamination.	\$5,000,000
Alligator Disease Research	LA Department of Wildlife and Fisheries - Baton Rouge, La	West Nile Virus outbreaks on individual alligator farms can be devastating and the disease threatens the entire \$60-\$80M Louisiana alligator industry and associated jobs. This research will address the issue of West Nile Virus for protection of public health and the sustainability of this Louisiana industry.	\$250,000
Aquaculture Special Research grant	LSU AgCenter - Baton Rouge, La	Research is needed to: enhance crawfish harvesting technology and efficiency and to improve crawfish broodstock reproduction; develop tools to facilitate genetic improvement of cultured finfish; determine the economic potential and effective culture techniques to facilitate the development of a marine baitfish industry; refine finfish nutrition and feeding practices so that feed cost are reduced and water quality is improved; protect cultured aquatic species from disease and develop new value-added aquaculture food products and waste by-products.	\$500,000
Best Management Practices (BMP) and Master Farmer special research grant	LSU AgCenter - Baton Rouge, La	To provide best management practices programs to agricultural producers across Louisiana.	\$1,000,000
Biorefinery Development Using Multiple Feedstocks	LSU AgCenter - Baton Rouge, La	This project will develop integrated technologies for a biorefinery that converts, at a single location, different feedstocks to fuel and produces range of by-products.	\$1,000,000
Blackbird Control Efforts in Louisiana	LSU AgCenter - Baton Rouge, La	Blackbird depredation of rice is a serious economic problem facing rice producers in Louisiana. Depredation of rice occurs at planting and just prior to harvest; however, the most serious problem is depredation of rice seed and seedlings at planting. This research will help reduce the harmful effects of blackbirds on rice production in Louisiana.	\$150,000
Burning Bush Tri Cane System	Burning Bush LLC	To develop a operational pilot system that will process sugar mill waste gases and water into beneficial ingredients. System eliminate the mills carbon footprint and greenhouse gases.	\$1,450,000
Caddo Lake Watershed Protection Project	Caddo Parish Commission - Caddo Parish, La	The funds will be used to assure the long-term protection of Caddo Lake and its wetlands by eradicating and removing the giant salvinia from the lake. The project will apply a three prong solution: (1) application of herbicide to kill the giant salvinia; (2) physical removal of the giant salvinia from Caddo Lake; and (3) biological control of the giant salvinia. Caddo Parish is requesting federal funds to bolster efforts already under way to protect this valuable natural resource for now and future generations.	\$500,000

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
Coastal Urban Wetland Ecosystem Conservation Education, and Outreach Programs for Improving Minority Communities in the Gulf Coastal Region	SU Agricultural Research and Extension Center - Baton Rouge, LA	The Urban Forestry Program at SU Agricultural Research and Extension Center in collaboration with the Gulf Coast Ecosystem Studies Unit of the Department of Interior (GC-CESU) proposes to enhance the quality of life of our Gulf Coastal communities by addressing several coastal conservation priority areas through research, education, and outreach projects.	\$1,500,000
Completion of Construction of Laboratory, Greenhouses, and Other Necessary Facilities (U.S. Agricultural Research Service Sugarcane Research Laboratory, Houma, LA)	ARS Houma Research Station - Houma, La	Funds will complete the final two phases of this three phase construction project at the ARS sugarcane research farm (Ardoyne Farm). Phase two consists of site development (elevated above hurricane flood level) and construction of greenhouses (glasshouses) for breeding plant development and for the culture of weeds and insects.	\$23,000,000
Cropping System Research in Northeast Louisiana	LSU AgCenter - Baton Rouge, La	Agriculture research to develop emerging technology that offers the potential to reduce production costs and ensure sustainability and profitability of crop production.	\$750,000
Department of Agriculture Special Grant - Delta Obesity Project at the Pennington Biomedical Research Center	Pennington Biomedical Research Center - Baton Rouge, La	The Pennington Biomedical Research Center is part of a consortium that includes multiple universities in Louisiana, Mississippi, and Arkansas dealing with the nutrition problems with a focus on obesity prevention in the Mississippi Delta region. With the known health disparities related to obesity that prevail within this area, the importance of obesity prevention is enormous. The project involves the Lower Mississippi Delta of Arkansas, Louisiana, and Mississippi. This funding request is for on-going expenses.	\$1,000,000
Diet Nutrition and Obesity Research	LSU AgCenter - Baton Rouge, La	Continued research and program development on diet, nutrition and obesity studies.	\$623,000
Formosan Subterranean Termite (FST) Research & Extension	ARS New Orleans Research Station	The Formosan subterranean termite has infested 32 of the 64 parishes in Louisiana, with the most severe infestations in the New Orleans and Lake Charles areas. This insect has caused millions of dollars worth of damage including over \$300 million in New Orleans alone. For the last seven years, the LSU AgCenter has participated in the USDA/ARS project, Operation Fullstop. The AgCenter is the lead agency in management programs for this termite in the French Quarter and 16 public schools in Orleans and Jefferson parishes. Plans for 2010 include expansion from 77 blocks currently to the entire French Quarter (95 blocks), funding permitting.	\$6,690,000
Fresh Fruit and Vegetable Program for Childhood Obesity Prevention in Louisiana	LSU AgCenter	This program will not only improve children's health behaviors, but increase access and consumption of agricultural commodities. The Junior Master Gardener Program would be established providing training to teachers, volunteers and students by state and local 4-H and Junior Master Gardener program staff and Master Gardener volunteers.	\$1,448,210

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
Green Energy Sugar Cane (U.S. Agricultural Research Service Sugarcane Research Laboratory, Houma, LA)	ARS Houma Research Station - Houma, La	In Houma, LA, the USDA-ARS Sugarcane Research Laboratory's basic breeding program has made significant strides in selecting new sugar cane varieties as parental material that have the potential to overwinter in much more northern regions of the U.S. than is now possible. The evaluation of this integrated green energycropping system approach over a range of state environments will require a multi-disciplinary cooperative effort that utilizes ARS, university, and industry scientists. This effort should be coordinated and administered through the ARS's SRL, Houma, LA.	\$2,000,000
Human Nutrition Obesity Prevention Center	Pennington Biomedical Research Center - Baton Rouge, La	This request is to cover ongoing expenses related to continuing USDA funded research at PBRC. This research project is testing whether higher food intake or lower physical activity are the cause of the positive energy balance that produces obesity. For these studies we will increase food intake 25% while keeping physical activity fixed, or keep food intake fixed while reducing physical activity. IN both cases the influence of dietary fat and energy density will be examined in individuals housed in the metabolic chambers at PBRC. The outcome will provide valuable information on guiding public policy concerning food intake and physical activity.	\$900,000
Institute for Floodplain Ecology	Nicholls State University - Thibadaux, La	Nicholls State University (Nicholls) seeks to establish a multidisciplinary institute to provide translatable research and instruction that addresses regional and national concerns regarding floodplain function and health.	\$1,830,800
LA Alligator Research Facility	LA Department of Wildlife & Fisheries - Baton Rouge, La	Complete construction of a state-of-the-art research facility on LSU Aquaculture Research Station campus to conduct research on a wide range of alligator disease and husbandry needs of the \$80 million dollar LA alligator industry. These needs include continued research on treating various diseases that have been identified previously as well as identifying and treating new diseases that have yet to be identified.	\$1,000,000
Louisiana Native Plant Initiative at McNeese State University, Nicholls State University, and University of Louisiana at Lafayette	McNeese State University, Nicholls State University, University of Louisiana at Lafayette - Statewide, La	The Louisiana Native Plant Initiative (LNPI) aids the development of native plant material for conservation, restoration and wildlife habitat creation in coastal Louisiana. To achieve long-term sustainability, plant material used for restoration projects should be adapted to local physical, climatic and biologic conditions. Additional funding will secure needed infrastructure and dedicated staff to adequately meet the growing demand for locally adapted plant material.	\$2,500,000
McNeese University Food Processing Training Center	McNeese State University - Lake Charles, La	The mission of the food processing training facility will be to will provide training to individuals in all areas of meat processing, packaging, cutting, and preparation and enable these individuals to be job ready upon completion of training. These individuals will be able to start small businesses and hire local people to staff these facilities. Individuals will learn important food safety laws for handling and processing meat products, and hazard analysis critical control point training (HACCP) will be provided.	\$1,500,000
Mid-South Pecan Research and Extension Center	LSU AgCenter - Baton Rouge, La	Pecans remain one of the most important horticultural crops in the south central United States. These critical research funds will increase sustainability in pecan crops and develop existing facilities into a multi-state Regional Center.	\$402,500

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
National Finance Center, New Orleans, USDA	National Finance Center	Continue the operations and future expansions of the National Finance Center in New Orleans, LA.	\$30,000,000
National Rural Development Fellows - Louisiana	Rural Development Leadership Network	The project is a pilot fellowship for two community leaders in low-wealth areas in Louisiana who have demonstrated commitment and ability in the field. As part of a national network of rural community leaders working in diverse parts of the country, Fellows will spearhead community-based projects in their home communities under the umbrella of Sponsoring Organizations, take part in a four-week RDLN Rural Development Institute in key aspects of rural community development, attend a National Network Assembly with peers from other regions, receive mentoring, technical assistance, peer exchange, and information, and take part in conference calls and webinars for ongoing communication and training.	\$170,000
Northwestern State University Central and North Louisiana Giant Salvinia Weevil Bio-Control Program	Northwestern State University - Natchitoches, La	The recent invasion of Giant Salvinia, a non-native aquatic plant, has seriously threatened the water resources of Central and North Louisiana. The use of a bio-control mechanism (a specific species of weevil that kills the plant) is the most cost-effective, eco-friendly and long-term solution for controlling the plant's presence and advancement. The Aquaculture Research Center is currently engaged in a small pilot project with Louisiana Wildlife and Fisheries to grow Salvinia weevils through a Co-operative Research Agreement. The Red River Waterway Commission has entered into a Co-operative Agreement with NSU to access 110 acres of pond for weevil rearing and research.	\$1,860,300
Phytoestrogens: Nature's Products for Health & Economic Development	Tulane University - New Orleans, La	This project discovers new effects of natural dietary constituents (phytoestrogens) on health and disease in human; especially, estrogen-sensitive organs, such as breast, reproductive and cardiovascular systems. USDA Agricultural Research Service scientists in partnership are developing techniques with the Tulane/Xavier Center for Bioenvironmental Research (CBR) and the University of Toledo to manipulate phyto-antiestrogen levels in soybean seed and soy-based products to maximize health benefits.	\$2,000,000
Plant Bio-Security in Urban Environments	SU Agricultural Research and Extension Center	The objective of this initiative is to provide students with experiential learning opportunities through inter-disciplinary, and multi-institutional collaboration, in plant biosecurity to impending treats such as sudden oak death, citrus greening, citrus canker, Ralstonia, plum pox, pierces disease, etc. all which can find hosts in urban environments.	\$300,000

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
Salvinia Invasive Weed Species special research grant	LSU AgCenter - Baton Rouge, La	Giant salvinia is a fast growing aquatic fern that chokes waterways and kills both plant and animal life under its thick covering. LSU AgCenter scientists are researching a combination of management tactics, including chemical and biological control, to halt the spread of the weeds and eventually reduce their distribution and density. A collaborative effort with the Louisiana Department of Wildlife and Fisheries, the USDA-ARS, and the LSU AgCenter is being planned to study biological control involving the release and establishment of small weevils that feed on the salvinia and eventually destroy the plants. Additional research is needed to integrate the chemical and biological control components.	\$750,000
Sparta Aquifer Water Management Plan	Ouachita Parish Police Jury - Ouachita Parish, La	The proposed project will involve the development of a water management plan to guide the use of the Sparta Aquifer over a multi-parish region. The project will include the development and implementation of a Water Management Plan to direct and promote responsible use of the Sparta Aquifer specifically in Ouachita Parish.	\$500,000
Tillage, Silviculture, Waste Management Special Grant Research	LSU AgCenter - Baton Rouge, La	Alternatives to traditional tillage in southwest Louisiana rice production are needed to improve floodwater quality, reduce soil erosion, and reduce production costs. The dairy industry in southeast Louisiana and the poultry industry in north Louisiana will benefit from research on pasture runoff, background indicator organisms, optimum land disposal rates for poultry litter, and new uses for poultry litter particularly as it relates to forest productivity.	\$500,000
TransGenRx, Inc.	TransGenRx, Inc	TransGenRx, Inc., in partnership with the LSU AgCenter has developed a technology that significantly reduces the cost of manufacturing protein-based drugs. LSU and TGRx, Inc. have been granted 7 US and international patents and have 15 pending applications.	\$1,100,000
Union - Lincoln Regional Water Supply Initiative	Union-Lincoln Regional Water Supply Initiative	This phase of the project will continue to advance development of this water resource for the Cities of Farmerville and Ruston, and Union and Lincoln Parish.	\$1,500,000
Viet Village Urban Farm	Mary Queen of Viet Nam Community Development Corporation - New Orleans, La	This project will be a model community project for economic and environmental sustainability from the local to international level. This urban farm will create green jobs and expand the economic impact of the existing farmer's market.	\$6,500,000
WETLANDS PLANTS-Biological Approaches To Coastal Wetlands Restoration special research grant	LSU AgCenter - Baton Rouge, La	The Coastal Plants Program (CPP) represents a major commitment to focus proven scientific technologies and outreach capabilities on issues critical to restore the coastal wetlands of Louisiana. This program combines the expertise of AgCenter plant breeders, ecologists, and other plant and soil scientists to facilitate the development and utilization of improved native plant resources to preserve remaining marshes and stabilize those that are being re-created.	\$1,462,453

Senate Agriculture Appropriations Bill for Fiscal Year 2011
 Congressionally Directed Spending Requests Submitted by Senator Mary Landrieu of Louisiana on March 26, 2010
 Page 6 of 6

Project Name	Intended Recipient and Location	Purpose of project	FY2011 Funding Request
Wood Utilization Research (WUR) in Housing Durability	LSU AgCenter - Baton Rouge, La	The Wood Utilization Research Program proposes to address the following major issues relevant to Louisiana and the South: Development of decay resistant and environmentally benign wood preservatives for solid wood and wood-based composites; Development of durable wood-based composites and engineered wood products; Development of environmentally-friendly and economically feasible methods of recycling decommissioned preservative-treated wood; Determine the market potential of new preservatives and stakeholder perceptions of existing preservatives; Assess the environmental effects of preservative-treated wood products on worker health, consumer health, storm water runoff and groundwater, and Conduct life cycle analysis (cradle to grave) analysis of preservative-treated wood.	\$1,000,000