

## **Agriculture**

### **Agriculture Water Policy, \$900,000, Albany, GA**

Albany State University, Georgia Southern University, and the Georgia Water Planning and Policy Center will continue an ongoing project that seeks to protect access to water for agricultural irrigation and to promote sound management of water resources.

### **Altamaha River Basin Water Quality Project, \$525,000, Statesboro, GA**

Georgia Southern University is in a unique position to complete a water quality study of the Altamaha River based on our location, qualified research scientists, ability to bring an interdisciplinary team to bear on this project, and our established contacts with state and federal agencies.

### **Alternative Poultry Processing, \$350,000, Athens, GA**

The purpose of this project is to take advantage of the established experience of poultry researchers at the University of Georgia and the USDA-ARS in Athens, Georgia to form a team with the explicit goal of evaluating new poultry processing methods based on the four criteria of reducing water usage, addressing environmental issues, reducing bacterial loads and enhancing food safety, and improving economic viability.

### **Alternative Sampling of Farmers Stock Peanuts, \$100,000, Dawson, GA**

Agricultural research to improve peanut production, processing and marketing is a national priority and an important part of the mission of USDA. Alternative peanut grading systems may reduce the need for labor and thus improve competitiveness for the U.S. peanut industry. Research will be conducted by the USDA-ARS National Peanut Research Lab in Dawson, Georgia.

### **Animal Health, \$200,000, Athens, GA**

Marek's disease is a severe tumor causing virus of poultry that causes severe death and economic losses to the domestic poultry industry. The USDA-ARS Southeast Poultry Research Laboratory in Athens, Georgia will work with the poultry industry to develop a new and improved recombinant Marek's disease vaccine.

### **Applied Genetic Technologies, \$1,000,000, Tifton, GA**

Research by the University of Georgia will lead to rapid advancements in the genetics of important crop plants using tools such as marker-assisted selection that will expedite incorporation of desirable traits such as disease and insect resistance. Pest and disease resistant varieties result in lower production costs, less pesticide use and increased market value.

### **Aquaculture Development, \$600,000, Ft. Valley, GA**

Aquaculture is an alternative to traditional agriculture which has been recognized as a method to improve income and quality of life for producers in rural areas of the United States. The Georgia Center for Aquaculture Development at Fort Valley State University is developing as a resource for conducting research, development and demonstrations, and for providing technical assistance on fresh-water and marine aquaculture in a variety of production system.

### **Avian Bird Influenza, \$46,137, Athens, GA**

The early detection of the transfer of Asian H5N1 avian influenza virus across the Asian-Alaska transcontinental wild bird migratory route will play an instrumental role in preparing for an H5N1 avian influenza outbreak. The USDA-ARS Southeast Poultry Research Laboratory will assist University of Alaska-Fairbanks partners in identification of sampling sites and strategies and provide genetic analysis of viruses isolated from Alaska wild bird sampling.

### **Avian Influenza, \$3,074,000, Athens, GA**

Avian influenza presents a major disease threat to the U.S. poultry industry. The recent outbreak of H5N1 avian influenza in chickens and humans in Asia, Africa, and Europe illustrates the potential public health threats facing America. Research will be conducted by the USDA-ARS Southeastern Poultry Research Laboratory in Athens, Georgia.

### **Avian Pneumovirus, \$248,738, Athens, GA**

The project will develop a reverse genetic, infectious clone system to produce more effective vaccines against avian pneumovirus. The infectious clone system will allow development of vaccines that can be give by drinking water or aerosol spray and give protection from field virus challenges. Research will be conducted by the USDA-ARS Southeastern Poultry Research Laboratory in Athens, Georgia.

### **Biocontainment Laboratory and Consolidated Poultry Research Facility, \$16,000,000, Athens, GA**

The Biocontainment Laboratory and Consolidated Poultry Research Facility will meet the long term research needs in terms of biocontainment laboratory and animal space for the Southeast Poultry Research Laboratory, Richard Russell Agricultural Research Center, and the Avian Disease and Oncology Laboratory. The USDA-ARS will use the funds for planning and design of the facility.

### **Blueberry Production Efficiency and Fruit Quality, \$300,000, Griffin, GA, Tifton, GA**

This initiative will provide Georgia blueberry growers with unbiased research to improve

their production efficiency and quality of product delivered to consumers, which will enhance long-term economic viability of the industry. The University of Georgia will conduct the valuable research in Griffin, Georgia and Tifton, Georgia.

#### **Cotton Insect Management and Fiber Quality, \$500,000, Tifton, GA**

The purpose of this University of Georgia project is to improve cotton quality in Georgia through the discovery of the impacts of stinkbugs and other species in the cotton insect pest complex reduce cotton yield, harvest efficiency and cotton fiber quality in modern cotton production systems under Georgia growing conditions.

#### **Diet Assessment of High Risk Populations, \$662,308, Dawson, GA**

The National Peanut Research Lab (Dawson, GA), the Peanut Institute, Morehouse Medical School, and the City of Plains, Georgia, will evaluate optimal diet patterns to help prevent diabetes, metabolic syndrome, high blood pressure, cardiovascular disease and obesity.

#### **Emerging Diseases of Livestock, \$425,000, Athens, GA**

Research will be carried out at the USDA-ARS Southeast Poultry Research Laboratory in Athens, Georgia, to develop a research program to study new emerging avian viral diseases that threaten to enter the United State and determine their impact on chickens, turkeys and ducks. The research will result in the development of diagnostic tests to detect emerging viral diseases of poultry and risk assessments for entry into the United States and the potential impact on the domestic poultry industry.

#### **Enhancing Rural Economies through Wireless Technologies, \$500,000, Tifton, GA**

An efficient and competitive U.S. agriculture is critical to our nation's rural economies and to helping our country with balance of trade issues. This University of Georgia project is to develop advanced wireless Internet communication and control technologies for agriculture, and rural communities.

#### **Fiber Production Methods for Improved Textiles, \$0 (Report Language)**

The Georgia Cotton Commission and the University of Georgia Tifton MicroGin seek to develop improved integration of research on cotton quality from harvest to gin to mill through collaboration with the USDA/ARS Cotton Quality Research Unit, Clemson, SC.

#### **Flint River Soil and Water Conservation District, \$1,500,000, Albany, GA**

Water conservation in agricultural production practices is key for a producer to succeed. It is important for agricultural producers to be able to conserve and efficiently use the

water resources that are available. The TIMMARS program is a research project that defines best irrigation management practices (BIMPS) utilizing the latest technologies (soil moisture and temperature probes, telemetry systems, remote video cameras, computers, and other IT solutions), available to growers, farmers, and producers. The Flint River Soil and Water Conservation District would work in conjunction with USDA-ARS.

**FoodPIC, \$1,000,000, Athens, GA**

The purpose of the project is to equip and provide partial staffing for a core facility in the University of Georgia Food Product Innovation and Commercialization (FoodPIC) Center, to enhance the Center's capability to develop value added products from Georgia commodities for small and medium food processing companies, and for the economic development of Georgia and the U.S. Southern region.

**Georgia Soil and Water Conservation Commission, \$3,600,000, Athens, GA**

The Georgia Soil and Water Conservation Commission utilizes federal funding to provide incentives for agriculture producers to wisely conserve water and to meet the intention of the Statewide Water Plan currently being developed by the State of Georgia.

**Integrated Biofuel, Row, and Specialty Cropping Systems, \$250,000, Tifton, GA**

Recent prioritization for biofuel crop production is already resulting in substantial shifts to the crops being planted in 2007. The USDA-ARS Southeast Watershed Research Laboratory in Tifton, Georgia would develop and deliver improved cropping systems and management guidelines to the producer community. Producer adoption of practices and systems that are developed by this project would be a critical marker for success.

**Integrated Fruit and Vegetable Research, \$500,000, Tifton, GA**

Phytophthora capsici is a problem in cucurbit and solanaceous crops nationally. Post harvest losses, quality, shelf-life and food safety are also national issues. These issues will be addressed by the University of Georgia through a multi-disciplinary approach that will seek greater understanding of these problems and issues and solutions to reduce losses from these problems in commercial vegetable production.

**Lagoon Waster Management Demonstration Program, \$487,000, Barnesville, GA**

This program will improve the system capacity for aging wastewater systems receiving assistance from this project. The Georgia Rural Water Association will demonstrate & train wastewater operators, municipal officials, & members of the agricultural industry the necessity and proper methods to remove and dispose of waste sludge in an environmentally sound and cost effective manner.

**Lake Dooly Reservoir Project, \$2,650,000, Vienna, GA**

The purpose of this request is to provide funds for a reservoir in Dooly County, Georgia. This will be a multi-use reservoir that will provide water for agriculture as well as fire protection, recreation and wildlife habitats.

**Metropolitan North Georgia Water Planning District, \$5,000,000, Multiple Counties, GA**

Cobb, Coweta, DeKalb, Douglas, Fayette, Fulton, Forsyth, Gwinnett, Hall, Henry, Paulding, Rockdale and Walton Counties, Georgia) are required to implement the District's three water resource plans in order to receive permits from the Georgia Environmental Protection Division. Any federal funding received would be used to help local governments meet these requirements in the area of watershed management.

**Minor Use Pesticides, IR-4, \$59,764, Griffin, GA**

Minor use crops make up forty percent of the value of all U.S. crops. In Georgia, minor use crops account for \$1.1 billion in economic value. Research helps growers stay ahead of global competition by producing safe and effective pest management solutions. Research will be conducted by USDA-ARS in Griffin, Georgia.

**National Beef Cattle Evaluation Consortium, \$2,500,000, Athens, GA (joint project)**

Given the size of the beef industry and continued increases in the demand for U.S. beef, research that results in economically and environmentally sustainable beef production systems will continue to play a key role in the industry. The goal of the project is to support collaborative research between the National Beef Cattle Genetic Evaluation Consortium, which includes Colorado State University, University of Georgia, and Cornell, and the U.S. Meat Animal Research Center in Clay Center, Nebraska

**National Peanut Research Water Use Reduction, \$725,000, Dawson, GA**

The goal of this project is to promote wise use and conservation of agricultural water supplies through applied field research. Improving irrigation efficiency will result in less water used per acre, while maintaining or increasing agricultural net returns. Ongoing and continual research at the USDA-ARS National Peanut Research Laboratory provides agriculture producers with opportunities to upgrade and make improvements to their irrigation management. .

**Nematology Research, \$250,889, Tifton, GA**

Cotton is an important part of the economic fabric of Georgia. Research by USDA-ARS will be conducted on methods to minimize the significant economic losses caused by plant-parasitic nematodes in cotton and other crops.

**Peanut Grading System, \$300,000, Dawson, GA**

Improvements on existing grading methodology and equipment, as well as promising new technologies will be compared at selected peanut buying points in each growing region for precision accuracy, cost effectiveness, and time efficiency. This project entails research by the University of Georgia National Center for Peanut Competitiveness and the USDA-ARS National Peanut Research Laboratory to evaluate several non-destructive technologies used in grading fruits and vegetables including a machine vision system that can determine size and color.

**Pecan Scab Research, \$603,409, Byron, GA**

Pecan scab disease, a fungus, is a potentially devastating disease that greatly reduces pecan tree health and value as an important health food crop. The USDA-ARS Southeast Fruit and Tree Nut Research Laboratory research initiative is on-going; thus, funds allow researchers to properly follow through with the federal investment already made, and ensure that a practical solution is found to solve a key problem that is national in scope.

**Phytophthora Research, \$250,000, Tifton, GA**

*Phytophthora capsici* is a disease that causes root, crown and fruit rot on a number of vegetable crops in the U.S. including cucurbit crops, solanaceous crops and snap beans. This problem will be addressed by the University of Georgia through efforts to elucidate the role of certain cultural practices such as irrigation and mulching, the efficacy of fungicides and other disease-suppressive amendments, the level of resistance available in cucurbits and peppers, and development of strategies for detecting the disease in irrigation water and other sources.

**Poult-Enteritis-Mortality Syndrome (PEMS), \$147,377, Athens, GA**

PEMS is a highly infectious disease of young turkeys which has cost the turkey industry millions of dollars in losses annually since the 1990's. By understanding what agents are involved in causing PEMS under farm conditions, management practices may be modified to minimize the impact of the disease. The USDA-ARS Southeast Poultry Research Lab will be using field epidemiology studies and experimental laboratory studies to determine what viruses are playing the most significant role in the disease and develop practical field control strategies.

**Poultry Disease, \$901,358, Athens, GA**

Rapid diagnostic tests have been developed to detect avian influenza and Newcastle disease viruses, astrovirus, coronavirus and reovirus, but appropriate serological tests have not been developed for these agents and are needed for detection of virus infection for state and national surveillance programs. Development of tests by the USDA-ARS Southeast Poultry Research Laboratory for diagnosis of poultry diseases is critical for early detection and elimination of diseases including avian influenza, Newcastle disease and other economically important poultry diseases.

**Rabbit Cardiovascular Study, \$2,000,000, Atlanta, GA**

The goal is for Morehouse School of Medicine (MSM) scientists to use rabbits from UCONN to study the cardiovascular system and the production of cholesterol because rabbits have similar cardiovascular systems to humans.

**Remote Sensing for Agricultural Water Resource Management, \$369,000, Albany, GA**

Georgia Water Planning and Policy Center's remote sensing and GIS abilities will be used to develop better techniques for measuring agricultural water use and utilizing remotely-sensed data for improved water resource policy and management.

**Southeastern Fruit and Tree Nut Research, \$460,013, Byron, GA**

This item is being requested to provide the necessary resources needed to conduct the research required to find feasible solutions for the production and protection problems being encountered by those attempting to grow peach or pecan in an increasingly changing environment, and to do so with less environmental impact. Research will be conducted by the USDA-ARS Southeast Fruit and Tree Nut Research Laboratory.

**Urban Water Resource Initiative, \$700,000, Athens, GA**

This University of Georgia initiative will provide Georgia stakeholders with unbiased research, education, and outreach focused on storm water management, sediment and erosion control, onsite wastewater management, and the impacts of land use on water resources. All municipalities, counties and major industries need this information for their planning and policy development

**United States Department of Agriculture (USDA) Fresh Fruit and Vegetable Program, \$1,000,000, Georgia(entire state)**

The USDA Fresh Fruit and Vegetable Program enables 25 schools in each participating state to provide students with fresh fruit and vegetable snacks during the school day. This request would make Georgia eligible for the program.

**Water Resource Management, \$200,000, Albany, GA**

The goal of this Georgia Water Planning and Policy Center project is to engage the agricultural community in Southwest Georgia in developing regionally based solutions to on-going conflicts and concerns about water scarcity. The outcome is expected to be a proposal for a regional management entity to assist farmers in securing access to adequate water for irrigation, achieving regional water management objectives (as set by state and federal agencies and neighboring states), using water efficiently, and protecting water resources.

#### **Water Resources Management, \$586,215, Tifton, GA**

River basins spanning multiple states are increasingly becoming sources of litigation over water rights and water source pollution attribution. Research will be conducted by the USDA-ARS Southeast Watershed Research Laboratory in Tifton, GA through its existing watershed measurement network in the GA portion of the Suwannee Basin. Measurements provide detailed information on streamflow, precipitation, groundwater, water quality, and land use and enhance one of the longest detailed data records on water quantity and quality in the United States.

#### **Water Use Efficiency and Water Quality Enhancement, \$500,000, Tifton, GA**

The purpose of this University of Georgia project is to develop the next generation precision irrigation application technologies for large scale irrigation users such as agriculture and golf courses. Integration of sensors and wireless technologies into variable rate irrigation systems will allow for automation and greatly increased efficiency and security. Research and development has been greatly enhanced by quickly moving prototype systems onto commercial cotton and peanut farms.

#### **Water Use Management Technology, \$340,838, Tifton, GA**

In critical regions of Georgia, agricultural water use is estimated at 50 percent of the total water use, where peanut, cotton, and pearl millet are the primary crops. Remote sensing and precision irrigation technologies have not been fully developed, tested, and evaluated on these crops in the southeastern coastal states. The energy costs associated with irrigation and chemical application are cutting severely into profit margins for producers in the southeast. It is a priority to have a long-term effort focused on improving the water and chemical use efficiencies for this region. Research will be conducted by the USDA-ARS Southeast Watershed Research Laboratory in Tifton, GA

#### **Watershed Dam Hazard Mitigation, \$1,000,000, Athens, GA**

The goal of this Georgia Soil and Water Conservation Commission project is to protect human lives and public infrastructure by producing emergency action plans (EAP's) below existing watershed structures. Currently only limited federal funds are available to complete these EAP's below high hazard dams. Over 15,000 Georgia citizens and over \$15 billion of infrastructure are being protected from floods by these structures.



## **Zoo Atlanta Animal Hospital, \$1,000,000, Atlanta, GA**

Zoo Atlanta is well-positioned to carry out this project which will greatly impact education opportunities for veterinarians and others, as well as improve animal care and help with efforts to understand and control exotic animals and diseases. The goal of the project is to construct a new Animal Hospital to provide superior animal care; to support efforts to understand and control exotic animals and diseases; and to provide for an enriched educational component.

## **Commerce-Justice-Science**

### **A Child Is Missing – GA , \$200,000**

A Child Is Missing (ACIM) is a not-for-profit organization that assists law enforcement agencies in the first few hours a child or an elderly adult is reported missing. ACIM works in concert with the Amber Alert and all child safety programs. Funding will allow ACIM to assist all Georgia law enforcement agencies free of charge. Money will be used for maintaining and upgrading ACIM's telephone technology and their Georgia call lists. It will also help cover the actual cost of making the calls in Georgia, support ACIM's Georgia law enforcement training sessions, and establish community awareness meetings involving child safety issues throughout the State of Georgia.

### **City of East Point Law Enforcement Technology Upgrade, \$500,000**

Funding will be used to complete the Mobile Data Terminals Project. Mobile data terminals will be used within police cars and will connect with systems being installed in fire trucks for onsite use at incidents. The project will put more information at the fingertips of both police and fire personnel while they are in the field without having to radio back to dispatch. This will allow more manpower in the field to be responsive to citizen requests.

### **Conyers, GA Police Technology and 911 Center Improvements, \$650,000**

Funding will be used to replace the current VHS-based recording devices with digital in-car recording systems in all marked police patrol units. Funding will also improve the Conyers 911 Center by allowing for significant equipment upgrades – most importantly a new 911 phone and mapping system with integrated Geographic Information Systems (GIS) software. As of January 2007, the current system is no longer supported. Finally, funding will provide for much needed infrastructure improvements to the 911 Center, like new segmented computer flooring to allow easy access to cabling.

### **Georgia Drug Courts Effective Interventions for Offender Accountability, \$500,000**

The State of Georgia's Administrative Office of the Courts will use this funding to facilitate the development of in-house drug testing labs at local drug courts and case

management systems; in addition, data collection efforts will be established with the goal of producing effective evaluation results. This is a one-time request for funding, as the local projects will be self-sustainable after initial set up costs. The project seeks to enhance drug court operations throughout the State of Georgia. The proliferation of methamphetamine and other drugs into the communities of Georgia only add to the courts' need for better and more comprehensive substance abuse testing abilities. This project will greatly assist drug courts in Georgia and works in tandem with the goals set forth by the Bureau of Justice Assistance and the National Association of Drug Court Professionals (NADCP) through the *10 Key Components of Drug Courts*.

### **Georgia State University HIV/Prisoner Reentry Program, \$500,000**

Funding will be used to expand collaboration among the Georgia Department of Corrections, the Georgia State Board of Pardons and Paroles, the Georgia Department of Public Health, and Georgia State University's Institute of Public Health in continuing to evaluate the effectiveness of an innovative prison release preparation program for HIV-infected inmates. Funding will also be used to identify ways to expand the scope of this program as well as expand participation and data collection.

### **Inner Harbour for Children and Families – Neurofeedback Program, \$472,597**

Inner Harbour, located in Douglasville, Georgia, recently developed a method to allow patients to receive neurofeedback therapy. The treatment measures brain wave levels, assesses abnormal brain wave functions that result in behavioral problems, and engages the patient in retraining the brain, resulting in neuron-psychological changes that ameliorate the underlying disorder. This innovative therapy, which is both painless and non-invasive, can improve youths' mental and social performance while reducing the need for ongoing pharmacological treatments.

### **The Marcus Institute – Atlanta, GA, \$1,000,000**

The Marcus Institute in Atlanta, GA is a nationally-recognized center for excellence for the provision of coordinated and comprehensive services for children and adolescents with developmental disabilities and severe and challenging behaviors. The Center's continuing initiative to address behavior problems in children are often precursors to more serious problems such as delinquency, substance abuse, and lack of success in the classroom. Areas of focus will provide remediation for the potential consequences of childhood abuse and neglect, and utilizes linkages between science, clinical services, and the juvenile and family court system into one seamless effort to protect children, and at the same time ensure healthy rearing situations.

### **Regional Communications Interoperability for Public Safety First Responders – Georgia, \$3,750,000**

Funding will establish linkages to develop a regional interoperable communications network to connect Cobb County with Forsyth County, the City of Douglasville, and the

West Area Regional Radio System. The linkages will join together existing like systems to develop a seamless interoperable communication network to enhance response to man-made and natural disasters. Cobb County, City of Douglasville, Carroll County, and Forsyth County have already committed significant resources to this project.

**Rockdale County GA Methamphetamine Initiative, \$200,000**

Funding would be used for the identification, seizure, and clean-up of clandestine methamphetamine drug labs. The money would provide for two additional investigators to the Narcotics/Vice Unit already in operation, along with the necessary computers, telephones, and surveillance equipment. It would also cover the expenses of training and equipping the investigators for methamphetamine lab clean up.

**Tri-City Drug Enforcement Unit Project – College Park, GA, \$200,000**

Funding will be used for the expansion of the existing drug enforcement unit, designed to take a multi-jurisdictional approach to fighting drugs and prevention activities. In 1989, the City of College Park with the Cities of East Point, Hapeville, Fairburn, and Palmetto launched a coordinated effort to fight a burgeoning drug problem in the region – the Tri-City Drug Enforcement Unit. The Unit's singular goal is to get drugs off the streets. In the past 5 years, this agency has made approximately 2,138 arrests and seized drugs with a street value of over \$31 million. While the Unit has been a success, additional funding is needed to continue fighting drug crimes and to expand the effort into drug

**Defense**

**Active and Smart Packaging for Combat Feeding, \$1,418,000, Army  
Atlanta, GA, Printpack**

This project has high military utility and will leverage advanced commercial food packaging technologies to improve warfighter ration safety & shelf life by developing packaging that identifies natural/deliberate contaminants and actively fights spoilage.

**Advanced Bio-engineering for Enhancement of Soldier Survivability, \$3,000,000,  
Army, Atlanta, GA, Georgia Institute of Technology**

Research advances in tissue, bone regeneration and wound care can lead to technologies/techniques for better clinical combat care and address long term care issues involving limb loss, tissue and organ damage, facial/dental injuries and reconstruction.

**Advanced Bonded Diamond for Optical Applications, \$5,500,000, Army  
Valdosta, GA, Valdosta Optics Lab**

This program addresses small platform & thermal requirements creating tactical laser weapons that can be mounted on air and land platforms, for IED disabling, missile shoot down applications, and communications systems to be integrated in troop uniforms.

**Advanced Surface to Air Missile (SAM) Hardware Simulator Development, \$8,000,000, Defense-wide, Atlanta, GA, Georgia Institute of Technology**

This funding will reinvigorate the simulator development process and specifically begin efforts to develop a simulator for the electronic development and testing necessary to support countermeasure development and fielding for US aircraft.

**Advanced Individual Training Barracks, \$93,000,000, Army, Ft. Gordon, GA**

Fort Gordon is in need of AIT Barracks for unaccompanied, enlisted Soldiers (students), that will comply with current Army standards. The new facility will provide sufficient space and increased security and privacy for the Soldier

**AN/ALQ-213 Processor, \$3,900,000, Air Force Unfunded Priority, Robins Air Force Base, GA, Terma**

The ALQ-213 processor upgrade (APU) provides the critical memory and processing capabilities for the A-10's and F-16's survivability suites. APU will ensure these aircraft remain viable in ever changing threat environments through the 2020+ timeframe.

**APN-241 Color Weather Radar for Air Force Reserve C-130H2 Aircraft, \$25,500,000, Air Force, Dobbins Air Force Base, GA, Northrop Grumman**

Replacing APN-59 radars on C-130s is #19 (of 100) on the AFRC UPL. The 1960's vintage APN-59 suffers from poor reliability, maintainability and sustainability, with an MTBF of 50 hrs. vs.1200 for the new APN-241 radar.

**Automated Communications Support System for WARFIGHTERS, Intelligence Community, Linguists, and Analysts, \$3,100,000, Army, Atlanta, GA, Nexidia**

The need to analyze audio gathered from low-quality telephony sources, in multiple languages, is mission critical for many government and military organizations. This monitoring software provides real time language analysis, enhancing force protection.

**Aviation Maintenance Facility, \$11,000,000, Army, Hunter Army Air Field, GA**

Hunter Army Airfield is in need of an aviation unit maintenance hangar with five bays for maintenance of AH-64D Apache helicopters to include basic shop space, parts storage, avionics shop, office space and a training area/classroom. If this project is not provided, 1/3 of aviation maintenance personnel will not have adequate facilities to perform critical maintenance functions.

**Behavioral Health Building Addition, \$4,000,000, Army, Ft. Stewart, GA**

With an increase in behavioral health provider authorizations, a long term solution to address additional behavior health facility requirements at Fort Stewart is imperative. The hospital's master plan identifies this addition to the Behavior Health Clinic as critical to meet the behavior health mission and allow for expansion of vital medical services within the hospital.

**BioFoam/Protein Hydrogel for Battlefield Trauma, \$5,800,000, Army, Atlanta, GA, Cryolife**

Development and FDA approval of protein hydrogel technology (an expanding, adhesive, foam sealant) for use in treating battlefield treatment could provide a valuable means to save soldiers' lives by controlling bleeding during the critical "golden hour."

**C-37 Modernization Program, \$65,000,000, Air Force Unfunded Priority Savannah, GA, Gulfstream**

The C-37 has exceptional range and performance capabilities, one of a kind Contract Logistics Support program and complements existing modernization efforts within the Air Force.

**C-130 Automated Inspection, Repair, Corrosion and Aircraft Tracking Condition-Based Maintenance Plus (AIRCAT CBM+), \$8,100,000, Air Force, Robins Air Force Base, GA, Mercer Engineering Research Center**

The Automated Inspection, Repair, and Corrosion Aircraft Tracking (AIRCAT) system and associated analysis is being expanded to develop and implement a condition based maintenance (CBM+) program for C-130 platforms. This database provides key information to the CBM+ analysis and is currently being upgraded. The Air Force has invested more than \$10 million on these efforts to date, and these funds would leverage research in progress and continue development of the C-130 CBM+ program.

**Center for Parts Configuration Management (CPCM), \$8,000,000, Air Force Robins Air Force Base, HIS Enterprise Solutions**

The CPCM project provides current sustained weapon system data configurations that increase the Air Logistic Centers capability to effectively manage "reset" initiatives and mission readiness in support of the Global War on Terror.

**Combat Arms Training System (CATS), \$6,000,000, Army, Suwannee, GA FATS, Inc.**

A virtual system for conducting mandatory weapons training and intensive combat training in any tactical environment, focusing on the vital critical tasks that enhance mission readiness and battlefield survivability in the present warfare environment.

**Command Post, \$5,000,000, Air Force, Robins Air Force Base, GA**

This proposed, new Command Post at Robins AFB is a 15,000 square foot facility required due to mission realignment. The Command Post is literally “the first responder” of the base, especially in emergency situations. A new facility is needed to centralize the Battle Staff, Survival Recovery Center, Installation Crisis Action Team, and fire and security operations.

**Commercial Access Gate, \$5,900,000, Air Force, Moody Air Force Base, GA**

Moody Air Force Base is in need of a commercial access gate with an associated gate house, truck inspection facility and cargo transfer station to meet anti-terrorism and force protection (AT/FP) standards. The primary terrorist threat to military installations is a vehicle-borne bomb, and Moody’s main access gate AT/FP measures are greatly compromised by the existing vehicle inspection facility.

**Complex-Shaped Armor for Soldier Torso and Extremity Protection, \$2,500,000, Army, Atlanta, GA, Verco**

This program focuses on the design, prototype fabrication, and evaluation of complex-shaped, contour-forming boron carbide armor for soldier torso and extremity protection, as well as armor for lightweight air- and rotor-craft.

**Covert WPM Waveform Modules, \$5,900,000, Defense-wide, Atlanta, GA, Scientific Research Corporation**

This program provides advanced communications that permit the warfighter to be undetectable and extends radio reach in challenging environments (cave, tunnel and urban missions).

**Cultural & Cognitive Combat Immersive Trainer (C3IT), \$2,590,000, Army Ft. Benning, GA, Institute for Creative Technologies**

Soldiers face increasing cognitive demands. C3IT puts soldiers in realistic decision-making situations requiring cultural awareness. The C3IT can produce adaptable and portable training for the ever changing situation in Iraq and Afghanistan.

**Department of Defense STARBASE Program, \$5,200,000, Defense-wide Georgia Air National Guard**

The STARBASE education program improves students’ proficiency in math, science and technology. The U.S. is facing a skills crisis in these areas, which military officials deem a national security issue.

**Deployable Fuel Cell Processor, \$2,000,000, Air Force, Atlanta, GA, Georgia  
Institute of Technology**

Our military is too dependent on fossil fuels. It is estimated that the Deployable Fuel Cell Power System will enable a 16% reduction in total deployment airlift requirements while reducing power generation sustainment costs by 50%.

**Diagnostic/Prognostic Pump System, \$6,000,000, Navy, Atlanta, GA,  
Global Technology**

The system provides a diagnosis of pump components and a prognosis of their time-to-failure, their current state and estimated remaining life. This reduces weight by negating the use of redundant systems, and saves on space, maintenance, and inventory.

**Durable Antimicrobial Technology for Healthcare Environment, Phase II,  
\$3,200,000, Army, Lavonia, GA, Milliken**

If this research is successful, it will reduce the number of infections in military hospitals. Decreasing the infection rate will allow the Department to provide higher quality healthcare for our men and women in uniform.

**Fort Stewart Live Fire Ranges Modernization and Improvements, \$2,300,000, Army  
Ft. Stewart, GA, Meggitt**

Increased use of existing ranges has resulted in accelerated wear and tear. This funding will allow Fort Stewart units deploying to Iraq and Afghanistan to receive superior marksmanship training with upgraded, state-of-the-art equipment.

**Immunostimulating HIV Therapy Program, \$2,000,000, Army, Augusta, GA,  
Medical College of Georgia**

Reports show that military forces are at higher risk of HIV infection than their civilian counterparts. 10 to 60% of personnel are infected with HIV-1 which makes a dramatic impact on military readiness, effectiveness and peacekeeping ability.

**International Maritime Satellite (INMARSAT) kits for JSTARS, \$17,500,000, Air  
Force, Robins Air Force Base, GA, Air National Guard**

International Maritime Satellites offer more bandwidth and allow global response not requiring local ground stations. With IMS, Airborne Networking isn't limited to line of sight operations. JSTARS connect world wide and support several theaters at once.

**Intelligent Surveillance and Detection Sensor Suite ("Cerberus"), \$4,500,000, Army  
Ellaville, GA, New Heights**

Cerberus meets the command, control and situational awareness needs of our forces by

providing remote visual, radar, Infrared, chemical and biological detection of the hot zone resulting in standoff intelligence and support to commanders in theater.

**John H. Hopps Defense Research Scholars Program, Morehouse College,  
\$3,300,000, Defense-wide, Atlanta, GA, Morehouse College**

The program provides opportunities to young African American researchers and needed infrastructure to increase the number of minority scientists in advanced research positions in the National Laboratories and agencies, consistent with Defense missions.

**Joint Threat Emitter for Savannah Combat Readiness Training Center (CRTC),  
\$10,000,000, Air Force, Savannah, GA, Northrop Grumman**

Without modern threat simulators, the Savannah CRTC provides inadequate pilot training for real-world missions. JTEs will replace hard-to-sustain and cost prohibitive threat emitters, and are easily upgraded to accommodate future threats.

**LSD 41 Class-60 Ton Crane Controls and Drives Replacement, \$6,625,000, Navy  
Dublin, GA, Rockwell Collins**

The 60 ton crane controls, drives and motors, a single point of failure on LSD 41 Class ships are obsolete & frequently inoperable which compromises ships' ability to load/offload critical Marine Corps equipment & cargo supporting mission requirements.

**Marine Corps Enterprise Information Technology System Continuity of Operations (COOP), \$6,200,000, Marine Corps Unfunded Priority, Albany, GA, EMC Corporation**

This request funds the consolidation of USMC IT enterprise systems and extends the COOP capability for all mission critical information systems at Albany, GA

**Modified F-22 Maintenance-Free Nickel Cadmium Aircraft Batteries for the F-16,  
\$1,800,000, Air Force, Atlanta, GA, SAFT**

The Maintenance Free NiCad Battery for the F-22 will be redesigned to replace F-16 batteries, saving \$1.0M/year and improving F-16 performance, while also bringing additional economies of scale to both programs and additional overall cost reductions.

**Range Tactical Data Link and Relay Capability, \$7,100,000, Defense-wide  
Savannah, GA, ProLogic**



The Range Tactical Data Link & Relay system provides Savannah's Combat Range Training Center with USAF approved digital data links enabling joint aircraft training, test & evaluation of net-centric systems, and best possible Homeland Air Defense.

**Rapid Replacement of Mission Critical Logistics Electronic Components, \$4,900,000, Air Force, Atlanta, GA, Scientific Research Corporation**

This program permits existing avionics components, sub-systems and systems with new technology which is the most cost-effective and fastest method of meeting high usage wartime requirements for operational aircraft.

**Reaction Force Facility, Communications Addition, \$5,350,000, Navy Naval Submarine Base, Kings Bay, GA**

This project is in direct support of the Nuclear Weapons Security program at Naval Submarine Base Kings Bay. The construction is a addition to the Strategic Weapons Facility, Atlantic, Limited Area Reaction Force Facility for additional command and control electronics, and additional garage space for two larger reaction force armored vehicles to facilitate the new, larger reaction and back-up forces.

**Secure Broadband Wireless Infrastructure, \$8,000,000, Army Lawrenceville, GA, Future Technologies**

This program will leverage commercial solutions to field a secure broadband wireless communications and integrated distributed compute infrastructure for deployment on military vehicles, allowing common coalition services to be deployed and remotely maintained.

**Smisson Cartledge Infuser, \$5,000,000, Army, Macon, GA, Smisson Cartledge**

The SMISSON CARTLEDGE INFUSER will save soldiers lives by extending the "Golden Hour" after extreme blood loss by safely providing rapid, normothermic blood replenishment. This state-of-the-art technology can quickly and easily deliver 1200ml per minute.

**Troop Dorms, \$8,700,000, Air National Guard, Savannah, GA, Georgia Air National Guard**

The Georgia Air National Guard is in need of a troop dormitory at the Savannah / Hilton Head International Airport. The Air National Guard's (ANG) standard for troop quarters at combat readiness training centers is 1000 bed spaces. Currently, the Savannah Combat

Readiness Training Center has 734 substandard bed spaces, a large portion of which are in open bay barracks built during the 1950s Korean Conflict mobilization.

**Up-Armored High Mobility Multipurpose Wheeled Vehicle (HMMWV) and Tactical Truck Crew Trainers, \$25,000,000, Army National Guard Atlanta, GA, Army National Guard**

In Iraq, more soldiers have become casualties during Convoy Operations than at any other time. This Trainer provides the best convoy training available by providing 360 degree spherical vision and combat action on virtual terrain that includes Iraq.

**Warehouse-Combat Vehicle, \$4,920,000, Marine Corps, Marine Corps Logistics Base-Albany, GA**

Marine Corp Logistics Base is in need of a new warehouse for combat vehicles. This project constructs a new dehumidified warehouse for the storage of Light Armored Vehicles (LAV). Current mission requires that MCLB Albany provides maintenance, preservation and storage for Ground Weapons Systems, such as the LAV. Controlled humidity protection reduces supply storage costs and provides state of the art protection for weapons systems in long-term storage.

**WR-ALC-Strategic Airlift Transformation and Integration Modeling (SATIM), \$4,000,000, Air Force, Robins Air Force Base, GA, Integraph**

Saving millions of dollars, SATIM will help to develop depot workload capability activation processes and plans necessary to transition repairs away from contractors by increasing workload capabilities at three Air Force Logistics Centers.

**WR-ALC Aircraft Sustainment Wing (ASW) C-5/C-17 Integrated Data Environment and Aircraft Availability, \$6,000,000, Air Force Robins Air Force Base, GA, Integraph**

The C-5/C17 Aircraft Availability program will dramatically increase reliability and parts availability, as well as decrease non-mission maintenance and lifecycle costs, resulting in 2.15 fewer aircraft per day undergoing scheduled inspections.

**Energy and Water**

**Atlantic Intracoastal Waterway Association, \$1,200,000**

The Georgia portion of the intracoastal has not received dredging funds in over 5 years. There are over 27 shoaling spots considered dangerous by the Corps of Engineers and the U.S. Coast Guard, creating the possibility that some sections of the Intracoastal Waterway in Georgia will close. Funding will be used to dredge problem areas in Georgia portion of the Atlantic Intracoastal Waterway.

**Chattahoochee Fall-Line Ecosystem Restoration Project, Columbus, GA \$2,000,000**

This project is a joint effort by the communities of Columbus, Georgia, Phenix City Alabama, and the Corps of Engineers. Funding will be used to remove two small low-head dams, restore fish habitat for the shoal bass in a 2.3 mile stretch of the Chattahoochee River, and allow use of a natural white water course.

**City of Atlanta, GA – Water and Wastewater Infrastructure \$5,000,000**

The proposed project would improve surface water quality by providing combined sewer capacity relief to capture more storm water and sewage flows and associated flood relief in several areas of the City.

**City of East Point, GA, \$750,000**

Flood Control - allow ongoing investigation, planning, and construction activities on an emergency and priority basis to fund an aging water and wastewater infrastructure

**CSS *Georgia* – The Coastal Heritage Society, Savannah, GA \$9,600,000**

The remains of the Civil War ironclad warship, CSS *Georgia* rest at the bottom of the Savannah Harbor. This ship, which is a National Registered Historic Site, was funded entirely by private contributions raised and collected primarily by women throughout Georgia. The fundraising, building, and completion of this ship were completed in only two months. She was intentionally sunk by her own troops when General William T. Sherman's troops invaded Savannah in 1864. Since that time, the ironclad has remained at the bottom of the Harbor and beaten the odds and survived salvage and harbor maintenance activities that could have destroyed her. Today, as we prepare for the deepening of the Savannah River Channel to accommodate deep-draft cargo vessels, we have a unique opportunity to raise, conserve, and exhibit the only surviving significant Confederate ironclad casemate. The conservation of the CSS *Georgia* would ensure that the story of this warship, the people who paid for her, and the sailors and marines who manned her is told to future generations.

**EARTH University Foundation, Atlanta Georgia, \$1,700,000**

Since 1993, EARTH has been the lead institution in working with the University of Georgia, NASA, and nine research institutions in the U.S. and Latin America to discover a cure for the deadly Chagas Disease. The disease has migrated north to Texas, Louisiana, Alabama, Georgia, and Florida and has infected 160,000 people in the United States. Federal funds will be combined with private dollars to research for a cure for the deadly Chagas Disease.

**Enercon Engineering, \$1,000,000**

Funding will be used to develop and deploy novel integrated energy systems for the telecom industry at a manufacturing facility in Barnesville, GA.

**Georgia State University, \$3,000,000**

Funding will be used to complete construction of University Science Park.

**Georgia Institute of Technology Renewable Energy Industrial Technology Center Atlanta, Georgia, \$2,000,000**

The purpose of the Renewable Energy Industrial Technology Center (REITC) is to accelerate the early adoption of emerging energy technologies and deploy high efficiency technologies with industry, based on knowledge of best practices. The REITC will be operated through Georgia Tech's Enterprise Innovation Institute and its nine regional offices which, for over 40 years, have provided industrial outreach, technical assistance and technology transfer to Georgia businesses and manufacturers. The REITC will have a three-part service delivery model: (1) technical assistance; (2) research and policy development; and (3) education and outreach.

**Grady Hospital, Atlanta Georgia, \$2,500,000**

Grady Health System is one of the largest public hospitals in the Southeast. Grady serves as the only Level I Trauma Center for a 100-mile radius surrounding Atlanta, operates one of two burn units in the State of Georgia, runs the Georgia Poison Center, and provides other highly specialized services to greater Atlanta and beyond. Grady is the regional disaster coordinating hospital for the 22 county metropolitan Atlanta. Funding will be used to help develop a Disaster Preparedness Center Patient Tracking System.

**Macon Levee, Macon, GA, \$500,000**

Funding will be used to develop a plan for modifications for the Macon levee.

**MidSouth/Southeast BioEnergy Consortium, University of Georgia, \$6,000,000**

As the top two poultry producing states in the nation, Georgia and Arkansas are uniquely qualified to perform research on determining the most effective and appropriate use of byproducts from biofuel production that can be economically included in livestock and

poultry feed. Research will occur at the University of Georgia and the University of Arkansas.

**Morehouse College, \$2,000,000, Atlanta, GA**

Funding will be used to develop the Minority Energy Science Research & Education Initiative to prepare minority students for Science, Technology, Engineering, and Mathematics (STEM)-related careers.

**Spelman College, \$ 2,600,000, Atlanta, GA**

Established in 1987, Spelman College's Women In Science and Engineering (WISE) Scholars Program facilitates the recruitment, retention, and graduation of African American females pursuing baccalaureate degrees in the sciences, mathematics, or engineering.

**Tybee Island, GA, \$6,266,000**

Federal funding will be used, along with local funding, to provide for the periodic renourishment of the beach on Tybee Island.

**Homeland Security**

**Grady Health System, Disaster Preparedness Center Patient Tracking System, Atlanta, GA, \$2,500,000**

Grady Health System is one of the largest public hospitals in the Southeast. Grady serves as the only Level I Trauma Center for a 100-mile radius surrounding Atlanta, operates one of two burn units in the State of Georgia, runs the Georgia Poison Center, and provides other highly specialized services to greater Atlanta and beyond. Grady is the regional disaster coordinating hospital for the 22 county metropolitan Atlanta. Funding will be used to help develop a Disaster Preparedness Center Patient Tracking System.

**National Science Center Foundation Status Tracking and Management Capability, Augusta, GA, \$2,000,000**

A pilot implementation for a Status Tracking and Management capability to enhance the National Guard Bureau's ability to support Surge Capacity requirements in the event of a major domestic all-hazard based event.

**Interior**

**Augusta Canal National Heritage Area, general improvements and expansion, \$1,000,000**

**City of Atlanta, GA, Sewer System Evaluation Surveys, \$1,500,000**

**City of Columbus, GA, Biosolids Flow-Through Thermophilic Treatment National Advanced Demonstration Project, \$2,000,000**

**Consortium for Plant Biotechnology Research, \$750,000**

Research and technology transfer on plant biotechnology issues

**Georgia Stream Bank Restoration, Georgia Soil and Water Conservation Commission, \$500,000**

**Historic Structure Repairs at Old Fort Jackson, Savannah, GA, \$319,061**

**Land acquisition at Hyde Farm for Chattahoochee River National Wildlife Recreation Area, Trust for Public Land, \$5,000,000**

**Land acquisition in the Chattahoochee & Oconee National Forests for U.S. Forest Service, The Conservation Fund, \$1,500,000**

**Land acquisition for the Paulding County Forest Wildlife Management Area, Paulding County, \$4,500,000**

**Metropolitan North Georgia Water Planning District, \$3,000,000**

To implement the water resource plans in a sixteen county area as required by the State of Georgia

**National Hispanic Healthy Farmers Workers Initiative, \$1,000,000**

To educate workers regarding pesticide and occupational safety

**Phase II Wastewater Treatment Plant Rehabilitation in Moultrie, GA, \$350,000**

To provide a major upgrade to meet new demands and environmental limits.

**Repair of public use facilities at the Okefenokee National Wildlife Refuge, Folkston, GA, \$600,000**

**Sewer and water treatment repairs and improvements for the City of East Point, \$1,000,000**

**Toccoa-Stephens County Infrastructure Improvement plan, \$8,000,000**

**Zoo Atlanta amphibian project, \$450,000**

To establish a service laboratory for diagnostic tests

## **Labor-HHS**

### **Armstrong Atlantic State University for support of its Cyber and Homeland Security Institute, \$457,000, Savannah, GA**

This funding will provide for the salaries, renovation, research equipment, laboratory technology and a state-of-the-art distance learning classroom, which will support this new curriculum.

### **Clark Atlanta University, Center for Cancer Research and Therapeutic Development, to expand its biomedical science program, \$1,087,636, Atlanta, GA**

This project will assist in the international research efforts to find a cure for cancer, especially cancers more common among the African American population.

### **Coastal Heritage Children's Museum, for renovations, \$1,000,000, Savannah, GA**

Funding for this Children's Museum will be used for hands-on exhibits, water activities, classroom spaces, art rooms, and art supplies.

### **Communities In Schools of Georgia, for education programs, \$500,000**

Communities In Schools of Georgia works to secure public and private financial commitments that enable it to train and support 51 local offices throughout Georgia in the delivery of quality mentoring to disadvantaged youth.

### **Darton College, for a Rural Technology Network, \$2,500,000, Albany, GA**

Darton College will operate an information and technology network that provides underserved and disadvantaged populations with access to education, job training, health services, health information, and educational opportunities.

### **EARTH University Foundation, for scholarships, \$1,100,000, Atlanta, GA**

Funding to EARTH University will be used to offer 20 scholarships to students from U.S. universities and from rural, marginalized locations in Latin America.

### **Emory University, for the Southeastern Center for Emerging Biological Threats (SCEBT), \$1,000,000, Atlanta, GA**

The Southeastern Center for Emerging Biologic Threat's (SECEBT) purpose is to combat the threat of emerging and re-emerging biologic agents through a regional collaborative partnership.

### **Fort Hawkins Museum, for facilities, \$500,000, Macon, GA**

Funds will be utilized for exhibit development and installation; visitor center development; program development; site preservation and interpretation, site preparation and administration.

**Georgia Environmental Training and Education Water Fluoridation Program, for water fluoridation program, \$150,000**

This project will provide on-site training and educational and technical assistance to state and county dental oral health professionals.

**The Georgia Project, Inc., for bilingual programs, \$400,000**

The Georgia Project has placed bilingual and biliterate teachers from the University of Monterrey in Monterrey, Mexico in Dalton, Whitfield County, Murray County, and Calhoun City schools in order to assist Spanish-speaking children.

**Georgia Southern University, for Rural Nursing Service, \$775,000, Statesboro, GA**

This funding will be used to address the critical underserved health care delivery needs of rural Southeast Georgia residents and the critical need for increased numbers of well-educated professional nurses for the region.

**Georgia State University, for the Center for Behavioral and Neuroscience Program, \$750,000, Atlanta, GA**

Georgia State University seeks to develop a model program for improving science education that will involve a dynamic partnership between colleges and universities, school systems, community educational organizations and the life sciences industry.

**Grady Health System, electronic health record system, \$2,000,000, Atlanta, GA**

Grady Health System has embarked on implementing a new Electronic Health Record (EHR) System which will replace its antiquated Information Technology Infrastructure.

**Jewish Federation of Greater, for a Naturally Occurring Retirement Community, \$365,000, Atlanta, GA**

This funding will be used to develop a number of community-based supportive service providers to the elderly.

**The Marcus Institute, for the Behavior Disorder/Child Maltreatment Prevention Program, \$1,000,000, Atlanta, GA**



This funding will be used for the Center's continuing initiative to address behavior problems in children are often precursors to more serious problems such as delinquency, substance abuse and lack of success in the classroom.

**Marietta Aeronautical Museum and Education Center, Inc., for education programs, \$1,000,000, Marietta, GA**

Funding will be used for the aviation museum and for innovative education program that will encourage K-12 interest in science, math and technology.

**Marietta Senior Health Center, for a multi-purpose senior health center, \$1,896,000, Marietta, GA**

This funding will be used for a senior health center and construction project.

**Medical College of Georgia, for a School of Dentistry facility, \$5,000,000, Augusta, GA**

The funding would go towards a new facility.

**Morehouse College, for the Research Initiative for the Academic Success of African American Males, \$1,000,000, Atlanta, GA**

The Research Initiative will act as a hub that is a leader and guiding force in addressing the needs and challenges that black males face across the educational continuum through state-of-the-art research, ongoing collaborations with schools from K-16 and beyond, and public and private partnerships.

**Museum of Aviation in Warner Robbins, for educational programs, \$350,000, Warner Robbins, GA**

The Institute of Museum and Library Services funding will secure the operation of family-friendly, multidisciplinary PreK-12 educational programs at the Museum of Aviation.

**Phoebe Putney Memorial Hospital, for a School Nurse Program, \$800,000, Albany, GA**

Funding under this proposal would expand the program to cover all K-12 and to offer primary care services, through a contract with Albany Area Primary Health Care, the local Community Health Center Network.

**Spelman College, for the WISE Scholars Program, \$ 2,600,000, Atlanta, GA**

The Spelman College Women in Science and Engineering (WISE) Scholars Program is a model student development effort that has successfully facilitated the recruitment, retention and graduation of more than 200 African American females.

**University of Georgia, for the Riverbend Science Center/Nano-Bio Fabrication Facility, \$2,100,000, Athens, GA**

The funding will go towards developing a multidisciplinary clean-room facility that will form the nucleus of a biofocused nano-fabrication, nano-characterization, and nano-manipulation facility.

**Wayne Memorial Hospital, for a health facility, \$2,000,000, Jesup, GA**

The current hospital suffers from numerous structural and functional problems. The outdated facility is making it more difficult for WMH to attract and retain the skilled professionals that the community so desperately needs.

**Women's Sports Foundation, for the Atlanta-wide At-Risk Girls Health Initiative, \$900,000, Atlanta, GA**

The Atlanta-Wide At-Risk Girls Health Initiative is a mentoring, education and development program targeting at-risk teens to prevent obesity, unintended pregnancy, involvement in drugs and alcohol, and disease and mental health issues by promoting participation in sport and physical activity.

**State-Foreign Operations**

**EARTH University Foundation, \$1,293,000, Atlanta, GA**

EARTH University's Business Education Program: To recruit and prepare 100 future small business leaders over the next five years, from targeted US universities and key rural, marginalized, indigenous, communities in Latin America, Africa, and Asia.

**Forging New Tomorrows International Scholarships, \$1,000,000, Atlanta, GA**

To provide scholarships for athletes from emerging Third World democracies to train at the DeKalb International Training Center and receive post-secondary education from one of the area's colleges and universities.

**Morehouse College, \$3,000,000, Atlanta, GA**

The Building Bridges Between African American and South African Emerging Global Leaders Program strategically features a series of multi-faceted international affairs enrichment activities designed to train the next generation of leaders for careers in international affairs and development.

**Spelman College , \$950,000, Atlanta, GA**

This program, the Initiative for the Study of Critical Global Languages, addresses a national need to increase the number of students who develop advanced proficiency in languages and knowledge about regions critical to U.S. national security, diplomacy, intelligence, and business competitiveness.

**The Associated Colleges of the South, \$6,000,000, Atlanta, GA**

Proposes to create an alliance focused specifically on the teaching of critical languages and cultures related to China and the Middle East – Chinese and Arabic – as well as other less commonly taught languages such as Farsi, Persian, Turkish and Urdu

**Transportation, Treasury, Housing and Urban Development**

**Acquisition of MARTA Clean Fuel Buses, \$7,600,000**

**America's Second Harvest of Coastal Georgia, to purchase two food distribution warehouses, \$400,000**

**Atlanta Beltline Environmental Impact Statement and Engineering, \$4,560,000**

**Atlanta Department of Watershed Management Streetscape Improvements, \$750,000**

**Augusta Regional Expansion of Terminal, \$4,000,000**

**Brunswick Airport Drainage Rehabilitation and Taxiway Expansion, \$5,500,000**

**Clifton Corridor at CSX Railroad, Dekalb County, for bridge replacement, \$2,000,000**

**Cobb County School Pedestrian Safety Enhancements, \$4,946,500**

**Cobb Parkway Expansion (US 41), \$2,000,000**

**Downtown Development Authority Streetscape, City of Dahlonega, to design and implement a master plan that utilizes appropriate sidewalks, greenery, lighting, and signage, \$1,000,000**

**Future Farmstead, Tifton, to produce productive and energy efficient farmstead model to support the development and deployment of solutions to our energy needs, \$1,000,000**

**Georgia Regional Transportation Authority Bus and Bus Facilities, \$10,000,000**

**Hamilton Clean Fuel Bus Facility (MARTA), to upgrade and expand existing Southside bus operating and maintenance facility, \$1,500,000**

**Henry County Veterans Wall of Honor, \$250,000**

**I-85 at CR 98/Gabbettville Road, Georgia Department of Transportation, Troup County, interchange improvements, \$2,000,000**

**MARTA Clifton Corridor (Lindbergh-Emory), for analysis to determine the most effective and efficient way to improve transit linkage, \$1,200,000**

**Midtown Roswell Redevelopment Project, City of Roswell, to improve traffic flow, pedestrian, and vehicular safety, \$300,000**

**Moultrie Community Multipurpose Facility, \$450,000**

**Moultrie Intermodal Facility, \$500,000**

**Museum of Aviation Robins Air Force Base, for memorial to WWII veterans, \$1,000,000**

**National Museum of Patriotism, Atlanta, for relocation to a new facility, \$1,000,000**

**Paulding County Airport Construction, \$6,900,000**

**Rockdale County Commerce Crossing Bridge, construction of bridge across I-20, \$1,000,000**

**S&S Multi-use Trail, Statesboro, to build a trail along the old S&S rail line, \$2,700,000**

**Savannah Battlefield Historic Paint and Coach Shops, Coastal Heritage Society, for beginning stage of restoration to the historic paint and coach shops of Georgia Railways, \$780,000**

**Southwest GA Regional Airport Taxiway Improvement, \$1,000,000**

**Tift College Drive Streetscape, City of Forsyth, for sidewalk improvements, streetlights, landscaping, bicycle lanes, \$900,000**

**Thomson-McDuffie Regional Airport Runway Rehabilitation, \$1,140,000**

**Valdosta Corridor Redevelopment, \$700,000**