



JOHNNY ISAKSON

UNITED STATES SENATOR · GEORGIA



FOR IMMEDIATE RELEASE

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Isakson Announces Fiscal Year 2008 Federal Funding Requests

WASHINGTON – U.S. Senator Johnny Isakson (R-Ga.) today announced the fiscal year 2008 funding requests for Georgia projects that he has submitted the Senate Appropriations Committee. Isakson believes increased transparency and disclosure are essential to the appropriations process.

AGRICULTURE:

Agricultural Research Service, to fund water use technology research, \$340,828

In the wake of increased competition among Southeastern states for water, the Agricultural Research Service will research various forms of water use technology to develop precision center pivot irrigation systems using remote sensing technology (satellite, aircraft, and hand-held) to determine plant stress and amounts of water, fertilizer, and pesticides. Research will be conducted in Tifton, Ga. at the Coastal Plains Research Center.

Agricultural Research Service, to fund nematology research, \$250,889

Georgia is the second largest cotton-producing state in the country, creating 26,790 jobs and nearly \$2.6 billion in revenue. The Georgia Cooperative Extension Service has estimated losses from damage to cotton alone at up to \$75 million, and plant-parasitic nematodes are a main culprit. This research will seek ways to control nematodes and reduce the need for chemical nematicides to keep costs down and to protect the environment. Research will be conducted in Tifton, Ga. at the Coastal Plains Research Center.

Agricultural Research Service, to fund water resource research, \$586,215

The Southeastern Watershed Research Laboratory in Tifton, Ga., established in 1968, was expanded by Congress in 2002 to encompass the Georgia portion of the Suwannee River Watershed, which is considered a National Treasure. The benchmark watershed requires permanent support to become the most cost-efficient means of researching the impact of land use on water quantity and quality.

Agricultural Research Service, to fund a peanut grading system request, \$300,000

As a result of the passage of trade agreements (e.g., NAFTA and GATT-WTO) and the 2002 FSRI Act, the U.S. peanut industry has entered an era characterized by “no-supply management” and increasing global competition. The current grading system, which dates back to the 1960s, costs approximately 1.5 percent of the value of the ton of peanuts, compared to grading costs of other agricultural products ranging from 0.3 percent to 0.7 percent. The peanut grading system needs to

be updated if the U.S. peanut industry is to maintain competitiveness in a global market. Research will be conducted by the University of Georgia National Center for Peanut Competitiveness.

Agricultural Research Service, to research alternative sampling of farmers stock peanuts for re-grading, \$100,000

Agricultural research focusing on nutrition and the development of an alternative peanut grading system is required to improve peanut production, processing and marketing – goals that are a national priority and an important part of the mission of USDA. The current grading system is labor intensive, time-consuming and expensive. Research will be conducted by the National Peanut Lab in Dawson, Ga. and will be used in Georgia peanut grading systems.

Agricultural Research Service, to Morehouse School of Medicine/UCONN Rabbit Cardiovascular Study, \$2,000,000

The Morehouse School of Medicine/UCONN Rabbit Cardiovascular Study aims to provide more knowledge on the number one killer of Americans—heart disease. More than 60 million Americans live with the effects of heart attacks or strokes, costing the United States approximately \$350 billion per year for treatment and loss of productivity, and this number will only increase as the population ages. In this study, the Morehouse School of Medicine will work with the University of Connecticut to collect data, establish a national databank and to speed up the process of discovering new approaches to prevent cardiovascular disease.

Agricultural Research Service, to fund Adding Value through Applied Genetic Technologies, \$1,000,000

This project will enhance the cooperative plant breeding efforts of USDA and the University of Georgia at Tifton. In order to help the U.S. agriculture industry remain competitive in the global market, this project will lead to rapid advancements in plant genetics to produce new varieties, such as pest and disease resistant plants, to lower production costs and increase market value.

Agricultural Research Service, to fund the Integrated Biofuel, Row, and Specialty Cropping Systems, Tifton, Ga., \$250,000

The increasing demand for ethanol will cause a substantial shift in the production economics associated with all potential biofuel feedstock crops leading to an agricultural demand for water, prime farming soils and other natural resources. Integrating water-efficiency with management systems that also increase soil carbon accretion and provide enhanced habitat for wildlife will help producers become eligible for carbon and wildlife credits.

Agricultural Research Service, to fund Diet Assessment Request, \$662,308

The Diet Assessment will research optimal diet patterns to help prevent diabetes, metabolic syndrome, cardiovascular disease and obesity. The intervention protocols will include peanuts, peanut butter and peanut oil, products of an important industry in South Georgia. Research will be conducted at the National Peanut Lab in Dawson, Ga., the Peanut Institute and Morehouse Medical School in Atlanta, Ga.

Animal and Plant Health Inspection Service, to fund an Animal Hospital at Zoo Atlanta, \$1,000,000

The creation of an Animal Hospital at Zoo Atlanta will help the national shortage of veterinary technicians as well as play an important role in advancing knowledge and control of exotic animal and diseases, such as when the Animal and Plant Health Inspection Service worked with the Bronx Zoo in 1999-2000 to isolate the agent causing the West Nile Virus.

Cooperative State Research, Education and Extension Service, to support water use efficiency and water quality enhancement through advanced technologies, \$500,000

American farmers are most competitive when they are most efficient and the application of irrigation water is often the most inefficient process. The University of Georgia at Tifton, Ga., which first developed the Variable Rate Irrigation system, has now developed a next generation system that employs the use of smart soil moisture sensors and wireless technology to monitor the amount of moisture necessary for each area with remote monitoring. Creating the next generation of precision irrigation application technologies will enhance farm competitiveness and promote the efficient use of natural resources, environmental sustainability and rural economic development.

Cooperative State Research, Education and Extension Service, to fund cotton insect management and fiber quality, \$500,000

Georgia is the second largest cotton-producing state in the country, creating 26,790 jobs and nearly \$2.6 billion in revenue. In 2003, Georgia cotton was singled out as the least preferred by U.S. markets, which many blame on the stink bug population. New research will be done to control the bugs, which are growing in number in the wake of farmers using fewer insecticides since the elimination of the boll weevil. Research will be conducted by University of Georgia in Tifton, Ga.

Cooperative State Research, Education and Extension Service, to fund an integrated approach for the vegetable industry in Georgia to protect crops from *Phytophthora Capsici*, \$500,000

Phytophthora capsici, a disease that causes root, crown and fruit rot, is expected to cost Georgia vegetable producers over \$400,000 per year and reduce Georgia's economy by \$1.2 million per year. A simultaneous basic and applied approach, both short-term and long-term, needs to be used to adequately study the biology of this organism and how to reduce losses. Georgia growers require disease management tools to protect the economic viability of the crops they are producing.

Cooperative State Research, Education and Extension Service, to fund the Georgia Trail Exhibit, \$1,000,000

The Georgia Trail Exhibit is positioned to provide experiences in diverse ecosystems, the Mountains, the Piedmont, and the Wiregrass longleaf Pine Forest, in an urban setting. The Georgia Trail is an opportunity for large exposure (600,000 annual visitors) to conservation messages designed to foster conservation interest and ethics.

Cooperative State Research, Education and Extension Service, to fund the agriculture water policy, \$900,000

Farmers in Georgia are generally unprepared to deal with one of the most critical issues to American farming: water scarcity. This project seeks to ensure access to water for agriculture, to develop water resource protection through conservation and efficient use, and to seek workable solutions on multi-state issues that involve federal agencies in managing shared water resources in the Southeastern states. This project successfully integrates research, education, and outreach objectives while assisting the agricultural community on an issue of critical importance to its future and to the future of rural communities in the Southeastern United States. The project will be administered by Albany State University in Albany, Ga.

Cooperative State Research, Education and Extension Service, to fund water resource management, \$200,000

This project will address water resources issues, focusing on the growing issue of water scarcity in Georgia. Water resource solutions are hampered by drought conditions, endangered species concerns, increasing stress on water resources from the rapidly growing Atlanta metro region upstream, and increasing numbers of agricultural users. This project aims to provide results in the areas of conservation, efficiency, profitability, and direct engagement with farmers. The project will be administered by Albany State University in Albany, Ga.

Cooperative State Research, Education and Extension Service, to fund remote sensing for agriculture water resource management, \$369,000

The Georgia Water Planning and Policy Center aims to use its technical resources and capabilities to provide data that will lead to the development of effective and fair policies to manage agricultural water use. Using the Center's primary resources, an airmounted SpectraView® Mutli-Spectral Imaging System and an in-house Geographic Information System, this project will collect better information to create workable solutions on managing shared water resources for the Southeastern United States.

Cooperative State Research, Education and Extension Service, to fund the Urban Water Resources Initiative, \$700,000

The Urban Water Resources Initiative will provide 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. The Initiative will help more than 80 county and municipal governments get the necessary stormwater permits and implement comprehensive stormwater management programs. The Georgia Soil and Water Conservation Commission, the Georgia Department of Human Resources and the Georgia Environmental Protection Division will support this project.

Cooperative State Research, Education and Extension Service, to fund the Initiative to Improve Blueberry Production Efficiency and Fruit Quality, \$300,000

The blueberry crop in Georgia, currently a \$60 million crop, is expected to exceed \$100 million in the next few years. The Initiative aims to develop more varieties of blueberries to reduce time and cost and to produce a better product.

Cooperative State Research, Education and Extension Service, to fund alternative poultry processing, \$350,000

The current 50-year-old poultry processing systems must be replaced to increase efficiency and reduce costs. As new systems will result in savings of over a billion dollars a year, create a more environmentally sound and sanitary system, the development of a new system is a priority. This project will evaluate 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. Research will be conducted by the University of Georgia.

Cooperative State Research, Education and Extension Service, to fund the University of Georgia Food Product Innovation and Commercialization (FoodPIC) Center, \$1,000,000

Georgia has the second largest manufacturing sector with over 800 food companies shipping over \$16 million worth of goods annually. The University of Georgia Food Product Innovation and Commercialization (FoodPIC) Center aims to encourage the entrepreneurial enterprises in the food industry to provide rapid growth and job creation. Based on projections from the Rutgers Center, the proposed Center should result in increased revenues of \$46 million and the addition of 368 new jobs to Georgia's food processing industry over the first five years.

Natural Resources Conservation Service, to fund Watershed Dam Hazard Mitigation, \$1,000,000

Of the 357 watershed dams in Georgia, nearly half need repairs. Sufficient state funding is not available to maintain these structures, requiring emergency action plans to ensure protection of human life and public infrastructure. Georgia Soil and Water Conservation Commission will work with USDA- Natural Resources Conservation Service – Georgia to determine the top 20 dams that pose the greatest risk. Studies and plans on these 20 structures will be completed first.

Natural Resources Conservation Service, to fund the Altamaha River Basin Water Quality Project, \$525,000

The lower regions of the Altamaha River, the largest undammed river on the East Coast, are in pristine condition. The habitat has changed little several hundred years and is home to more than 50 endangered species. To be able to capture a pristine stream, monitor its characteristics and compare those to other streams will help formulate aquatic biological theories. The habitat also will provide an education for undergraduate and graduate students in the geology, geography and biology departments who will help obtain information for the geographic information system.

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Rural Community Advancement Program, to enhance rural economies through wireless technologies, \$500,000

The Enhancing Rural Economies through Wireless Technologies project aims to develop advanced wireless internet communication and control technologies for agricultural and rural communities. This development would increase efficiency, giving the U.S. agriculture market a competitive advantage. The University Of Georgia at Tifton will develop advanced wireless Internet communication and control technologies for agriculture, and rural communities

COMMERCE, JUSTICE, AND SCIENCE

A Child is Missing, to maintain and upgrade the ACIM system, \$200,000

A Child is Missing is a not-for-profit organization that assists law enforcement agencies free of charge in the first few hours a child or an elderly adult is reported missing using sophisticated satellite technology and an advanced, telephony computer ACIM will help expedite the recovery of the missing child/adult. The program's maintenance will include maintaining and upgrading ACIM's telephony 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.

The City of Conyers, to support the Byrne Memorial Grant Program, \$650,000

The City of Conyers is seeking funding to replace the current VHS-based recording devices with in-car recording systems in all marked police patrol cars as well as to upgrade specific equipment in the Conyers 911 Center. Both upgrades will improve efficiency and lower costs.

Communities in Schools of Georgia, for general operating support, \$500,000

Communities in Schools of Georgia is a non-profit organization designed to bring the resources of local communities into schools to help students stay in school, achieve academically, and prepare for life. Communities in Schools of Georgia creates a unique learning environment called Performance Learning Centers that help students who are not excelling in traditional learning environments.

Consolidated Information System in Henry County, to implement a new information system, \$938,683

The current fragmented nature of Henry County's criminal justice information systems is inefficient. Criminal justice agencies are unable to analyze or trust data retrieved from the system, hindering efforts to apprehend criminals. The Consolidated Justice Information System will develop and install a seamless, wireless, integrated criminal justice information system that would eliminate repetitive tasks and decrease the potential for error, while ensuring that information retrieved can be trusted and used to apprehend and incarcerate offenders.

Inner Harbour for Children and Families in Douglasville, Ga., to provide neuro-feedback therapy, \$472,597

For over 40 years, Inner Harbour, a not-for-profit charitable organization, has been one of Georgia's leading providers of quality residential and community-based services for emotionally and psychologically troubled children and teens. Inner Harbour has recently developed a method to provide neuron-feedback therapy, which is both painless and non-invasive, to improve mental and social performance and to reduce the need for pharmacological treatments.

Inner Harbour for Children and Families in Douglasville, Ga., to fund the EXCEL program, \$602,349

For over 40 years, Inner Harbour, a not-for-profit charitable organization, has been one of Georgia's leading providers of quality residential and community-based services for emotionally and psychologically troubled children and teens. The EXCEL Program is a unique alternative to incarceration that has reduced costs to the state for juvenile detention and has produced a low recidivism rate.

First African Baptist Church in Savannah, Ga., to support the continuing development and growth of an African-American Museum, \$1,300,000

The First African Baptist Church in Savannah, Ga., is the oldest African-American church in North America. The church contains materials, letters and furnishings that date back to the early accounts of slavery, the passage of the Underground Railroad, and the history of leadership as African-American history was shaped in Savannah. The church has created a world-class African-American Museum that integrates education, economic development and technology as well as preserves the church. The George Leile Vision Inc., a nonprofit corporation, will collaborate with the church to create a venue that will stimulate economic development, support travel and tourism in Savannah and produce the highest educational environment.

Georgia State University, to expand an innovative prison release preparation program for HIV-infected inmates, \$850,000

Georgia State University has created a program that prepares HIV-infected prison inmates for their release by focusing on issues such as recidivism, health-related practices and behaviors, and community disease transmission. Collaboration among the Georgia Department of Corrections, the Georgia State Board of Pardons and Paroles, the Georgia Department of Public Health and Georgia State's Institute of Public Health has allowed a thorough evaluation of the effectiveness of the program and identified ways to expand its scope.

Georgia State University, to replace the 50-year-old telescope at Hard Labor Creek Observatory, \$450,000

The telescope in Georgia State University's Hard Labor Creek Observatory provides Georgia's citizens with an educational experience and is used frequently by schools and educational groups. The telescope will be replaced by a fully equipped DFM 24-inch telescope.

KidsPeace in Carroll County, to establish a therapeutic foster care program with one-time startup funds, \$400,000

KidsPeace, a 125-year old national children's charity, provides mental health services to children in crisis out of 65 locations in 11 states and the District of Columbia. KidsPeace is opening a program in Carroll County that will seek alternatives to the juvenile justice system, care for the psychiatric needs of foster children, and provide training to foster families.

Kids in Need of Dreams, to support the Truancy Intervention Project in Fulton County, \$250,000

The Truancy Intervention Project is part of the Kids in Need of Dreams, Inc. program and is designed to prevent children from failing in school. In the 2005-06 school year, the Truancy

Intervention Project in Fulton County will have represented nearly 400 children with a success rate of about 80 percent.

Law Enforcement Technology Expansion in Henry County, to provide upgraded law enforcement equipment, \$200,000

The Law Enforcement Technology Expansion project for the Henry County Consolidated Justice Group will provide for the acquisition of a mobile data network equipment to be used in the field by patrol and warrant service personnel. The aim of the project is to provide personnel with equipment that utilizes wireless technology and thermal technology as well as to update the existing hardware and software, particularly in coordination with National Crime information Center.

The Marcus Institute in Atlanta, for expansion of the program, \$1,000,000

The Marcus Institute is a nationally recognized organization that provides coordinated and comprehensive services for children and adolescents with developmental disabilities and severe and challenging behaviors. The Center seeks to expand its one-of-a-kind program addressing behavior problems in children that are often precursors to more serious problems such as delinquency, substance abuse and poor academic performance.

Methamphetamine Initiative in Rockdale County, to hire two officers and provide equipment, \$200,000

Methamphetamine Initiative will address the need for the safe identification, seizure and clean-up of clandestine methamphetamine labs and the eradication of methamphetamine use. The program will hire two additional investigators for the Narcotics/Vice Unit whose specific duties will focus meth lab cleanup. Statistics from the Rockdale County Sheriff's Office Narcotics/Vice Unit indicate that 33 percent of arrests made in the County in 2005 were related to methamphetamine use or sales.

Morehouse College, to fund the Morehouse College Project MARS, \$1,000,000

Morehouse College, a private nonprofit historically black college, has established the Morehouse College Project MARS (Mission to Advance Research and Sciences) to lure underrepresented students to the fields of engineering and sciences. The vision for Project MARS is to create partnerships for undergraduates to perform research with University scientists and NASA-funded research projects and increase the number of underrepresented minorities employed in space-related industries.

Regional Communications Interoperability for Public Safety First Responders, to develop a regional interoperable communications network in Cobb and Forsyth counties and the City of Douglasville, \$3,750,000

The Regional Communications Interoperability for Public Safety First Responders is a regional interoperable communications network to connect Cobb County with Forsyth County, the City of Douglasville, and the West Area Regional Radio System. This network will improve the ability to respond to man-made and natural disasters.

Spelman College for Women, to support the Spelman College WISE Scholars Program, \$2,600,000

Established in 1987, the Spelman College 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 pursuing baccalaureate degrees in the sciences, mathematics, or a dual-degree in engineering. Both the National Science Foundation and NASA believe that Spelman's WISE Scholars Program is the vehicle to meet the nation's increasing need for math and science teachers.

West Broad Street YMCA in Savannah, to support a program to use the latest technology in preparing staff to teach math and science, \$400,000

The West Broad Street YMCA in Savannah, Ga. will provide a program that aims to eradicate the digital divide through the use of computers and other technological aides as well as assisting elementary students who are having difficulty in math and science.

ZERO TO THREE, to fund the Court Teams Project in Douglas County, \$335,451

The Court Teams project addresses the well-being of infants, toddlers, and families who are involved with Juvenile and Family Courts. A multidisciplinary Court Team in Douglas County will raise awareness, increase knowledge and skills, and change practice to better meet the needs of maltreated infants and toddlers and their families involved in the child welfare system. This Court Team, co-led by Judge Peggy Walker and a child development specialist, will lead community-wide systems change and services improvement to better support the needs of infants and toddlers involved in the child welfare system.

DEFENSE:

Absolute Ground Reference System for Projectile Location and G&C Components Validation, to fund system, \$3,000,000

Absolute Ground Reference System for Projectile Location and G&C Components Validation, which is developed by Propagation Research Associates, Inc. in Marietta, Ga., is a system for force protection with the ability to initialize, orient, locate, track and guide precision gun-launched projectiles without GPS components to enable a low-cost, high probability of success response to an asymmetric mortar or rocket threat.

Active & Smart Packaging for Combat Feeding, to develop advanced packaging options, \$1,418,000

The Active & Smart Packaging for Combat Feeding, which is developed by Printpack Inc. in Atlanta, Ga., will leverage advanced commercial food packaging technologies to improve warfighter ration safety and shelf life by developing packaging that identifies natural/deliberate contaminants and actively fights spoilage.

Advanced Bio-Engineering for Enhancement of Soldier Survivability, to fund medical research, \$3,000,000

The Advanced Bio-Engineering for Enhancement of Soldier Survivability at the Georgia Institute of Technology in Atlanta, Ga., will use research advances in tissue, bone regeneration and wound care to discover techniques for better clinical combat care as well as address long term care issues involving limb loss, tissue and organ damage, facial/dental injuries and reconstruction.

Advanced Bonded Diamond for Optical Applications, to fund new technology, \$5,050,000

The Advanced Bonded Diamond for Optical Applications, which are developed at the Valdosta Optics Lab in Valdosta, Ga., addresses smaller platform and thermal requirements creating tactical laser weapons, for IEDs, disabling missile shoot-down applications, and for communications systems to be integrated into future soldier uniforms.

Advanced SAM Hardware Simulator Development-ITEAMS, to fund a reinvigoration and research project, \$8,000,000

Advanced SAM Hardware Simulator Development-ITEAMS at the Georgia Institute of Technology in Atlanta, Ga., 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 U.S. aircraft.

Air Force Reserve Command APN-241 Color Weather Radar for AFRC C-130H2 Aircraft, to replace APN-59 radars on C-130s, \$25,500,000

The APN-241 Color Weather Radar for C-130H2 aircraft for the Georgia National Guard will replace the radar on the vintage 1960s APN-59 to address problems of reliability, maintainability and sustainability.

Air National Guard Joint Threat Emitter Savannah Combat Readiness Training Centers, to fund threat simulators, \$10,000,000

The Combat Readiness Training Center in Savannah, Ga., will replace hard-to-sustain and cost-prohibitive threat emitters with Air National Guard Joint Threat Emitters to more adequately train pilots for real-world missions. These new emitters will be easier to upgrade to accommodate new training methods.

AN/ALQ-213 Processor, to fund upgrades, \$3,900,000

The ALQ-213 processor upgrade provides the critical memory and processing capabilities for the A-10's and F-16's survivability suites. This processor upgrade will ensure these aircraft remain viable in ever-changing threat environments through the 2020 timeframe. Work will be performed by Terma North America in Warner Robins, Ga.

Automated Communications Support System for WARFIGHTERS, Intelligence Community, Linguistics and Analysis, to fund monitoring software, \$3,100,000

The Automated Communications Support System for WARFIGHTERS, Intelligence Community, Linguistics, and Analysis, which is developed by Nexidia in Atlanta, Ga., will address the need to analyze audio gathered from low-quality telephony sources in multiple languages—mission critical for many government and military organizations—with real-time language analysis.

Automatic Identification and Data Capture Solution Center, to provide cost effective solutions, \$7,900,000

The AIDC Solution Center will provide cost effective solutions to depot requirements in the areas of bar code, radio frequency identification, and serial number tracking. Areas include asset, inventory and supply chain management. Work will be performed at Marine Corps Logistics Base in Albany, Ga.

BioFoam/Protein Hydrogel for Battlefield Trauma, to fund development and FDA approval of protein hydrogel technology, \$5,800,000

The BioFoam/Protein Hydrogel for Battlefield Trauma project at CryoLife in Kennesaw, Ga., aims to develop and receive FDA approval for protein hydrogel technology. Such technology will be used in treating battlefield injuries and could provide the valuable means to save soldiers' lives by controlling bleeding during the critical "golden hour."

C-130 Automated Inspection, Repair, Corrosion and Aircraft Tracking Condition-Based Maintenance Plus, to expand the program, \$8,100,000

Under U.S. Air Force contract program, the Automated Inspection, Repair, and Corrosion Aircraft Tracking (AIRCAT) system and associated analysis at Robins Air Force Base in Warner Robins, Ga., is being expanded to develop and implement a condition-based maintenance program for C-130 platforms.

Cell-Based Sensors for Chemical Threats, to fund program research, \$1,500,000

Combining unique and robust sensing cells created by the University of Georgia with the Navy's sensor recording system will provide a sophisticated monitoring system for a wide spectrum of toxins and harmful chemicals that pose a serious threat to our troops' health.

Center for Parts Configuration Management, to fund the Center for Parts Configuration Management project, \$8,000,000

The Center for Parts Configuration Management project provides current sustained weapon system data configurations that increase the Warner Robins Air Logistics Center's capability to effectively manage "reset" initiatives and mission readiness in support of the Global War on Terror. The Warner Robins Air Logistics Center's is located at Robins Air Force Base in Warner Robins, Ga.

COG/USOC Pediatric Cancer Research, to fund research, \$5,000,000

Genome-wide screening for therapeutic targets in childhood cancer to create a molecular map of high-risk sarcomas and tumors can enhance the performance and readiness of military personnel. Work to be performed at the following locations among others: Children's Healthcare of Atlanta, Emory University in Atlanta, Ga., Medical College of Georgia Children's Medical Center in Augusta, Ga., and Backus Children's Hospital at Memorial Health University Medical Center in Savannah, Ga.

Combat Arms Training System, to fund system, \$6,000,000

The Combat Arms Training System, which is developed by Firearms Training Systems, Inc. in Suwanee, Ga., is a virtual system used for conducting mandatory training and intensive combat training in any tactical environment. The system focuses on the vital critical tasks that enhance mission readiness and battlefield survivability in the present warfare environment.

Complex-Shaped Armor for Soldier Torso and Extremity Protection, to fund program, \$2,500,000

This program, which is developed by Verco Materials, in Atlanta, Ga., 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 aircraft and rotor-craft.

Covert WPM Waveform Modules, to provide advanced communications, \$5,900,000

The Covert WPM Waveform Modules, which are developed by Scientific Research Corporation in Atlanta, Ga., provide 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, to fund training program, \$2,590,000

Soldiers face increasing cognitive demands and the Cultural & Cognitive Combat Immersive Trainer puts soldiers in realistic decision-making situations requiring cultural awareness. This trainer can produce adaptable and portable training for the ever-changing situation in Iraq and Afghanistan. Work will be performed at Fort Benning, Ga.

Diagnostics and Prognostics Systems for Military Ground Vehicles, to update maintenance system, \$3,000,000

Current maintenance fails to address a vehicle's condition, resulting in high maintenance costs and field breakdowns. Condition-based diagnostics and prognostics will decrease downtime, improve reliability and predict impending system failures. Work will be performed by Ricardo Inc. in conjunction with Georgia Institute of Technology in Atlanta, Ga.

Diagnostic/Prognostic Pump System, to fund system, \$6,000,000

The Diagnostic/Prognostic Pump System, which is developed by Global Technology Connection, Inc. in Atlanta, Ga., provides a diagnosis of pump components and a prognosis of their time-to-failure, their current condition 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, to fund research, \$3,200,000

The Durable Antimicrobial Technology for Healthcare Environment research will reduce the number of infections in military hospitals, allowing the Department of Defense to provide higher quality healthcare for our soldiers. Research will be conducted in Spartanburg, S.C., and Hartwell, Ga.

Electronic Portal for Analysis, Workload and Zoonotic Surveillance, to provide DoD animal handlers and veterinarians with access to records and an electronic portal for analysis and zoonotic surveillance, \$5,800,000

This project will provide Department of Defense animal handlers and veterinarians with world-wide access to their animals' medical and preventive health records, and also provide an electronic portal for analysis and zoonotic surveillance for Army veterinarians. Work will be performed at Fort Benning, Ga.

Electronic Technology Infrastructure in Support of Military Missions, to provide military improvements, \$3,000,000

The project, administered by Grady Health System in Atlanta, Ga., provides military improvements in regional mass casualties and evacuations as well as in burn, trauma, orthopedic and poison unit care. It also provides IT systems training, military personnel and fellows training, and traumatic brain injury research.

Focused Center Research Project, to fund research, \$10,000,000

The Focused Center Research Project at the Georgia Institute of Technology in Atlanta, Ga., is designed to bolster U.S. dominance in electronics important to maintaining defense capabilities as well as U.S. competitiveness. Smaller, lighter electronics for the warfighter are a necessary part of maintaining an advantage on the battlefield.

Immunostimulating HIV Therapy Program, to fund program, \$2,000,000

Reports show that military forces are at higher risk of HIV infection than their civilian counterparts. Between 10 and 60 percent of personnel are infected with HIV-1, which makes a dramatic impact

on military readiness, effectiveness and peacekeeping ability. The Immunostimulating HIV Therapy Program will be administered by the Medical College of Georgia in Augusta, Ga.

IMPACT, to fund advanced coatings for aircraft repairs, \$2,000,000

IMPACT allows advanced coatings for aircraft repairs, eliminating the need for chrome plating, which is now restricted by new environmental regulations. Aircraft overhauls costs are reduced, repair downtime is reduced, and aircraft readiness is improved. Work will be performed at Robins Air Force Base in Warner Robins, Ga.

Intelligent Surveillance and Detection Sensor Suite (“CERBERUS”), to fund CEREBUS, \$4,500,000

CERBERUS, which is developed by ICx New Heights Corporation in Forest Park, Ga., meets the command, control and situational awareness needs of our forces by providing for remote visual, radar, Infrared, chemical and biological detection of the hot zone, providing standoff intelligence and support to commanders in theatre.

John H. Hopps Defense Research Scholars Program, to provide scholarships, \$3,300,000

The John H. Hopps Defense Research Scholars Program at Morehouse College in Atlanta, Ga., will provide opportunities to young African-American researchers and needed infrastructure to increase the number of minority scientists in advanced research positions in national laboratories and agencies, consistent with Defense missions.

LSD 41 Class - 60 Ton Crane Controls and Drives Replacement, to fund ship upgrade, \$6,625,000

The 60-ton crane, which is developed by Rockwell Automation in Dublin, Ga., is the “work-horse” for the Amphibious Fleet, ensuring safe and timely lifting of loads for the Marine ground support vehicles-tanks, trucks, mine clearance, artillery, etc as well as providing lifts for the ship's safety boats prior to all beach operations. The cranes are frequently inoperable which compromises ships’ ability to load/offload critical Marine Corps equipment and cargo supporting mission requirements. This funding will upgrade the 60-ton crane systems on the ship.

MCEITS COOP, to fund the consolidation of USMC IT enterprise and extend the COOP capability for all mission critical information systems at Albany, Georgia, \$6,200,000

Marine Corps Enterprise Information Technology Services Continuity of Operations funds the consolidation of USMC IT enterprise systems and extends the Continuity of Operations capability for all mission critical information systems at Marine Corps Logistics Base in Albany, Ga.

MEMS Sensors for Rolling Element Bearings, to fund new technology, \$3,000,000

MEMS technology is developed by the Timken Company, which has operations in Georgia in Atlanta, Ball Ground, Cairo, Dacula, Dahlonega, Norcross, Smyrna and Sylvania. The technology estimates temperature, vibration, strain and angular rotation in the bearing joined to diagnostic software that will prevent breakdowns and increase performance. Applications include all weapons platform using bearings.

Modified F-22 Maintenance-Free Nickel Cadmium Aircraft Batteries for the F-16, to fund battery redesign, \$1,800,000

The Maintenance Free NiCad Battery for the F-22 will be redesigned by SAFT Batteries in Valdosta, Ga., to replace F-16 batteries, saving \$1 million a year and improving F-16 performance, while also bringing additional economies of scale to both programs and additional overall cost reductions.

Obesity and Cancer in the Military Research Program at WRAMC, to fund research, \$3,500,000

The Obesity and Cancer in the Military Research Program, a collaboration between the Curtis and Elizabeth Anderson Cancer Institute at the Memorial Health University Medical Center in Savannah, Ga., and Walter Reed Medical Center in Washington D.C., is aimed at understanding the biologic mechanisms that result in the increased incidence of malignancy and cancer-related mortality associated with being overweight or obese to improve the health of female active-duty military personnel.

Pilot Program for Fort Stewart Housing Management, to support a bachelor housing management system online, \$1,600,000

Pilot Program for Fort Stewart Housing Management will support a bachelor housing management system online, operated by Place Properties in Atlanta, Ga., that utilizes information technology to mitigate the disruptions that can accompany a personnel move.

PPHS Technological Regional Center for Excellence for PTSD, to create and implement a model Technological Regional Center of Excellence for the Phoebe Putney Memorial Hospital, \$2,000,000

This initiative will provide funds for Phoebe Putney Memorial Hospital in Albany, Ga., to create and implement a model Technological Regional Center of Excellence for Post-Traumatic Stress Disorder. Phoebe Putney Memorial Hospital will provide a roadmap of key technology advances in the field and cultivate Post-Traumatic Stress Disorder technology.

Proton Exchange Membrane Fuel Cell for Naval Applications, to fund research, \$8,200,000

Non-nuclear Navy vessels have restricted energy storage aboard ship. Proton Exchange Membrane Fuel Cells provide the needed solution. The program, which is developed by Siemens Energy & Automation, Inc. in Alpharetta, Ga., will develop and demonstrate a PEM power source for use in unmanned surface and undersea vessels.

Range Tactical Data Link & Relay Capability Central Test and Evaluation Investment Development, to equip Savannah's Combat Range Training Center, \$7,100,000

The Range Tactical Data Link & Relay system provides the Combat Range Training Center in Savannah, Ga., with U.S. Air Force approved digital data links enabling joint aircraft training, test and evaluation of net-centric systems and best possible homeland air defense.

Rapid Replacement of Mission Critical Logistics Electronic Components, to fund program, \$4,900,000

The Rapid Replacement of Mission Critical Logistics Electronic Components, which is developed by Scientific Research Corporation in Atlanta, Ga., permits existing avionics components, subsystems and systems with new technology. This is the most cost-effective and time-efficient method of meeting high usage wartime requirements for operational aircraft.

Secure Wireless Infrastructure, to fund MIDAS, \$8,000,000

MIDAS will use commercial solutions, developed by Future Technologies, LLC in Lawrenceville, Ga., 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.

Sensor Visualization and Data Fusion, to enhance collection capabilities, \$5,000,000

Sensor Visualization and Data Fusion, which is developed by Barco Federal Systems with facilities in Duluth, Ga., and by Mercury Computer Systems, aims to enhance the ability of the U.S. Army to synchronize and integrate organic, joint and multinational sensors and collection capabilities.

Soldier Surface Scanning for Prevention and Treatment, to fund program, \$4,000,000

Soldier Surface Scanning for Prevention and Treatment program, which is developed by 3dMD, LLC in Atlanta, Ga., is a low-cost means for DoD to better fit prosthetic devices for amputees, improve reconstructive surgery for disfiguring injuries, and improve treatment for burn victims, as well as improve wound care for injured soldiers.

Warner Robins Air Logistics Center Aircraft Sustainment Wing Intergrated Data Environment and Aircraft Availability, to fund the C-5/C17 Aircraft Availability program, \$6,000,000

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. The Warner Robins Air Logistics Center is located at Robins Air Force Base in Warner Robins, Ga.

Warner Robins Air Logistics Center Special Operations Forces, to automate processes, \$4,000,000

By automating processes, Special Operations Forces reduces touch time and allows stakeholders to redirect efforts on more value-added tasks. These process improvement efforts will continue to save millions of dollars, reduce man hours, and increase aircraft availability. The Warner Robins Air Logistics Center is located at Robins Air Force Base in Warner Robins, Ga.

ENERGY AND WATER:

Atlanta, Ga., Environmental Infrastructure, to provide combined sewer capacity relief to capture more stormwater and sewage flows and associated flood relief, \$5,000,000

Atlantic Intracoastal Waterway—Georgia Portion, to dredge problem areas, \$257,000

Chattahoochee Fall-Line Ecosystem Restoration Project, 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, \$250,000

City of East Point, Ga., Flood Control, to support ongoing investigation, planning and construction activities on an emergency and priority basis to fund an aging water and wastewater infrastructure, \$750,000

Georgia State University—University Science Park, to complete construction of University Science Park, \$3,000,000

The University Science Park will include a Science Teaching Laboratory, a Science Research Laboratory and a Center for Advanced Collaboration. It will be located at the southeastern corner of Decatur Street and Piedmont Avenue.

Grady Memorial Hospital in Atlanta, Ga., to develop a Disaster Preparedness Center Patient Tracking System, \$2,500,000

Grady Health System is one of the largest public hospitals in the US and the only level one trauma center within a 100-mile radius.

Macon, Ga., Levee, to develop a plan for modifications for the Macon levee, \$500,000

MidSouth/Southeast BioEnergy Consortium, to determine the most effective and appropriate use of byproducts from biofuel production that can be economically included in livestock and poultry feed, \$6,000,000

The MidSouth/Southeast BioEnergy Consortium is a joint University of Georgia and University of Arkansas project that will serve to mitigate the current “food vs. fuel” debate concerning the utilization of grains/oilseeds for livestock feeds or biofuels by working to determine the most effective and appropriate use of byproducts from biofuel production that can be economically included in livestock and poultry feed. In addition, the project will study and develop opportunities for the Mid-South and Southeast regions of the United States to develop feedstocks that are economically and environmentally capable of producing a viable cellulosic ethanol industry.

Tybee Island, Ga., to fund beach renourishment, \$6,266,000

FOREIGN OPS:

Dekalb International Training Center, to fund Forging New Tomorrows International Scholarships, \$1,000,000

The Forging New Tomorrows International Scholarships are provided to athletes from emerging Third World democracies to train at the DeKalb International Training Center in Atlanta, Ga., and receive post-secondary education from one of the area's colleges and universities. Through collaboration with the State Department, the scholarships would be provided to students from countries that have or are currently transforming from authoritarian governments to newly emerging democracies which also promotes goodwill abroad and strengthens the U.S. relations with the emerging democracies.

EARTH University Foundation, to fund scholarships for Earth University's Business Education Programs, \$1,293,000

This funding is requested for scholarships to recruit and prepare 100 future small business leaders over the next five years from targeted U.S. universities as well as key rural, marginalized, indigenous, communities in Latin America, Africa, and Asia. Each year, EARTH University, headquartered in Atlanta, Ga., recruits over 100 students, carefully selected for their academic promise, leadership skills, community orientation, and ethical values. These promising men and women are recruited regardless of their ability to afford EARTH's tuition, resulting in more than 80 percent requiring full or partial scholarships, of which EARTH's endowment fund covers 48.7 percent. EARTH University is dedicated to developing a new kind of leader through an innovative learning system focused on social responsibility, entrepreneurship, environmental sustainability, agricultural advancements, and community development.

Morehouse College in Atlanta, Ga., to fund the Building Bridges between African American and South African Emerging Leaders Global Program, \$3,000,000

The Building Bridges between African American and South African Emerging Leaders Global Program combines interdisciplinary research, pedagogy, co-curricular programs and dynamic leadership to analyze the prevalent global issues. The program works in collaboration with South African institutions of higher education—University of Cape Town, University of the Western Cape and CIDA City Campus—to form a series of multi-faceted international affairs enrichment activities designed to train the next generation of leaders. Through mentorship, community service, faculty exchange and development opportunities, and leadership conferences, this program is designed to impact a diverse constituency in both the United States and South Africa.

Spelman College in Atlanta, Ga., to fund the Initiative for the Study of Critical Global Languages, \$950,000

The Initiative for the Study of Critical Global Languages will work in response to President Bush's National Security Language Initiative, which aims to strengthen national security and prosperity in the 21st Century through education, especially in developing foreign language skills. This program will address the need for a higher number of students developing an advanced proficiency in languages and knowledge, particularly among African-American women, who continue to be under-represented in programs that provide students with international exposure and immersion experiences.

INTERIOR:

Chattahoochee National Forest, to fund land acquisition, \$2,400,000

The Chattahoochee National Forest was established in 1937 by the U.S. Forest Service and today covers 18 north Georgia counties.

Chattahoochee Nature Center-Wetlands, to fund boardwalk construction, \$500,000

The Chattahoochee Nature Center is 127-acre environmental education center in North Atlanta dedicated to introducing people to the ecology of the Chattahoochee River watershed and works to provide a learning environment that allows people to better understand their impact on the natural world and make informed decisions.

City of Atlanta, Ga., sewer evaluation surveys, \$1,500,000

City of Columbus, Ga., to fund the completion of Biosolids Flow-Through Thermophilic Treatment National Advanced Demonstration Project, \$2,000,000

City of Moultrie, Ga., to fund Phase II Wastewater Treatment Plant Rehabilitation, \$350,000

Georgia Stream Bank, to fund restoration, \$500,000

The Georgia Soil and Water Conservation Commission was formed to protect, conserve and improve the soil and water resources of the State of Georgia. The Commission's goal is to make Georgia a better place for its citizens through the wise use and protection of basic soil and water resources and to achieve practical water quality goals.

Hyde Farm, to fund land acquisition, \$5,000,000

Hyde Farm in Cobb County is one of the last contiguous parcels in the area of undeveloped land continually farmed since the early 19th century. Its size and location in populated suburban Atlanta makes it a rare gem of cultural and historical significance. Hyde Farm is also in an important area of the Chattahoochee watershed, which provides drinking water for the City of Atlanta and surrounding areas.

Metropolitan North Georgia Water Planning District, to fund water resource plans, \$3,000,000

The Metropolitan North Georgia Water Planning District mandates the development and adoption of a district-wide Watershed Management Plan and a Water Supply and Water Conservation Plan for the six major river basins in the metropolitan area.

Okefenokee National Wildlife Refuge, to repair public facilities, \$600,000

Okefenokee National Wildlife Refuge was established in 1936 to preserve the 438,000 acre Okefenokee Swamp. Presently, the refuge encompasses approximately 402,000 acres. In 1974, to further ensure the protection of this unique ecosystem, the interior 353,981 acres of the refuge were designated a National Wilderness Area. The swamp remains one of the oldest and most well

preserved freshwater areas in America and extends 38 miles north to south and 25 miles east to west.

Old Fort Jackson in Savannah, Ga., to fund historic structure repairs, \$319,061

Authorized by President Thomas Jefferson, Fort Jackson was built in 1808 to protect the city of Savannah from naval attack. It is the oldest standing fort in Georgia.

Paulding County Forest, to fund land acquisition, \$4,500,000

Paulding County Forest spans roughly 11 square miles and contains more than 2.5 miles of streams, including Raccoon Creek, a high priority waterway in the Etowah River basin that is nationally recognized for its water quality. The land also includes more than 900 acres of montane longleaf pine, one of the few remnants of this ecosystem remaining in the country.

Toccoa-Stephens County, to fund the infrastructure improvement plan, \$1,577,131

LABOR /HEALTH AND HUMAN SERVICES:

Atlanta Botanical Garden, to build the Atlanta's Botanical Garden's Canopy Classroom, \$300,000

The Canopy Classroom, which will accommodate 30 students, will give City of Atlanta Public School students an opportunity to learn in close proximity to woodland life, enabling them to observe the workings of the natural world up close in an undisturbed environment.

Atlanta-Wide At-Risk Girls Health Initiative, for general operating support, \$900,000

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 after school. Research demonstrates that girls who participate in sports and physical activity are less likely to become obese, experience unintended pregnancy, and less likely to use drugs and alcohol. In addition, girls who participate in sports and physical activity are less likely to be physically or sexually abused, less likely to be suicidal, and are less likely to be at-risk for life threatening diseases.

Cyber Security Initiative at Armstrong Atlantic State University, for general operating support and expansion, \$457,000

In January 2006, Armstrong Atlantic State University created the Cyber and Homeland Security Institute as part of its existing Cyber Security initiative to provide subject matter expertise to students in cyber and homeland security-related issues as they relate to academic curriculum, training and special research and development projects. Armstrong Atlantic is creating a proposed bachelor's degree in Cyber Security and Investigation Technology.

Darton College, to operate an information and technology network, \$2,500,000

Darton College, together with its partners, will operate an information and technology network that provides underserved and disadvantaged populations access to education, job training, health services, health information and educational opportunities. The network will provide access to degree programs in allied health fields, support to District 8-2 Public Health office and its 14 county offices, expansion of educational programs, instructional technology professional development, curriculum redesign assistance, and creation of student resources for K-12 and post-secondary educators and students to better prepare students for today's workplace.

Georgia Cancer Coalition, to design a technology platform for state-wide cancer information "Exchange," \$2,500,000

Following successful Demonstration Projects in Savannah, Ga., and Rome, Ga., the Georgia Cancer Coalition will design a scalable, interoperable technology platform for the state-wide cancer information "Exchange." This project will provide incentives and support to physician offices and ambulatory care centers to migrate to electronic medical record systems.

Georgia Institute for Lung Cancer Research, to achieve early diagnosis, treatment and ultimate cure of lung cancer through the rapid dissemination and advancement of research of a collaborative network, \$3,330,923

The Georgia Institute for Lung Cancer Research pioneered early detection in Georgia and will continue this tradition through the initiation of a lung cancer screening and research program using CT scan, the most significant advance ever in lung cancer. Morehouse School of Medicine, a foremost training center for primary care physicians and a world-renown leader in health disparities medical research, will participate in the rapid response multidisciplinary lung cancer clinic, the smoking cessation program, the recruitment of appropriate subjects into clinical trials, and the acquisition of tissue and serum specimens for Georgia's existing repository sites to aid in genomic and proteomic research.

Georgia Southern University in Statesboro, Ga., to implement the Southeastern Technology Education Program, \$400,000

The program is a multi-tiered, multi-partner effort designed to identify and train the workforce necessary to strengthen economic development and build stronger communities in this economically depressed rural region. The program will address basic literacy remediation, entry-level technology training, job-related training in conjunction with area industrial needs, and advanced technology programs as an incentive to attract global industries and highly skilled jobs. Georgia Southern University is working in conjunction with the civic, education and business leaders from Bulloch, Effingham, Evans, Liberty, Screven and Tattnall counties on this new project.

Georgia State University, to establish the Atlanta Center for the Promotion of Emergency and Primary Health Systems Effectiveness, \$500,000

The Atlanta Center for the Promotion of Emergency and Primary Health Systems Effectiveness, which will be established at Georgia State University, will improve the accessibility and availability of primary care for low-income urban residents while enhancing the efficiency of emergency medical services in those same areas.

Grady Health System in Atlanta, Ga., to implement a new Electronic Health Record system, \$2,000,000

The new Electronic Health Record system will upgrade the information system for Grady Health System to one that is consolidated, standardized and more easily accessible to all hospital personnel.

Morehouse College in Atlanta, Ga., to fund research for the Morehouse Male Initiative, \$1,000,000

Morehouse College will conduct research into the factors leading to a successful educational outcome for African-American males and then disseminate that information for use as a model through publications and symposia.

Multipurpose Senior Health Center in Marietta, Ga., to construct a new facility, \$1,896,000

Project proposes to construct a new 22,000-square-foot Multipurpose Senior Health Center in Marietta, Ga., based on already-successful Cobb County centers. A medical clinic will attract

seniors from underserved parts of Cobb County. The Center offers state-of-the-art meeting space, classrooms, and game rooms and a variety of programs as well as services such as computer courses, civic clubs, dance classes, card games, day trips and shows on dances, art and photography. There will be no admission fee for use of the center.

Phoebe Putney Health System in Albany, Ga., to renovate new facility, \$500,000

Phoebe Putney Memorial Hospital has the largest and most comprehensive cancer center outside of Atlanta, serving southwest Georgia with a main facility in Albany and two satellite centers. The new facility, a Cancer Center of Excellence, will conduct research, screening, diagnostic testing, treatment and data collection in response to the high incidence of cancer that exists in the southwest Georgia region.

Southeastern Center for Emerging Biologic Threats at Emory University in Atlanta, Ga., to support ongoing research, \$1,000,000

The Southeastern Center for Emerging Biological Threats at Emory University aims to combat emerging and re-emerging biological threats through the combined efforts of university, public health, governmental and private sector partners. The center aims to build upon successful research, training and innovative programs related to bioterrorism and emerging biologic threats, including West Nile virus, epidemic influenza, avian influenza, and staph infections that are resistant to antibiotics.

Southeast Georgia Health System, for construction of a new facility in Brantley County, Ga., to meet the needs of a medically underserved area, \$1,500,000

The Glynn-Brunswick Memorial Hospital Authority, a 501(c)3 non-profit entity, will build a 5,000-square-foot facility to replace the current 40-year-old building. The new facility will increase patient capacity, provide modern and upgraded medical equipment, and allow for an increase in healthcare professionals.

Spelman College for Women in Atlanta, Ga., for general operating support of the Spelman College for Women Black Women's Health Initiative, \$900,000

The Spelman College Black Women's Health Initiative is a comprehensive project focused on raising awareness about the health status of black women and cultivating a generation of young leaders who can contribute to future research, advocacy, education, policy and business efforts.

St. Joseph's/Candler Health System in Savannah, Ga., to complete enhancement/expansion project, \$6,000,000

St. Joseph's/Candler initiated a multiphase project in 2004 to enhance and expand existing services for its Heart Hospital. This project has brought a new facility and state of the art equipment to assist in the diagnosis and management of cardiovascular disease.

St. Joseph's Mercy Care Services in Atlanta, Ga., to implement an electronic health record system, \$400,000

St. Joseph's Mercy Care Services provide quality healthcare for the homeless, underserved communities, and high-risk patients who suffer from chronic diseases. St. Joseph's Mercy Care Services will purchase the system license, train staff, and implement the practice management.

University of Georgia Riverbend Science Center/Nano-Bio Fabrication Facility, to establish a new facility, \$2,100,000

With the establishment of this facility, the University of Georgia will be positioned to make major scientific contributions in areas including the synthesis and characterization of nanoscale materials, development of nanoscale systems, biological and biomedical sensors, and imaging applications of nanostructured materials. Development of these areas is critical for advancing nano-medicine and nano-pharmacology for pathogen and disease intervention strategies, applications of inorganic nanostructures and nano-patterned surfaces in food processing/food safety, applications of nano-devices in agriculture and horticulture, and applications of chemical and biological nano-sensors to detect zoonotic and emerging diseases associated with homeland security and biodefense.

Wayne Memorial Hospital in Jessup, Ga., for the construction a new facility, \$2,000,000

Upon completion, the new facility for the Wayne Memorial Hospital will be a modern building with 35 percent more space than the current facility. The current facility is inefficient and costly and lacks the community's confidence as a quality healthcare provider. The proposed building would replace the rural acute-care center's 128 licensed beds to 84 licensed beds.

World Relief in Stone Mountain, Ga., to increase the capacity of World Relief Stone Mountain's English as a Second Language program, \$150,000

World Relief provides English as a Second Language programs to refugee children and adults who have fled war and torture and have been invited to resettle in Stone Mountain and Atlanta, Ga. World Relief will be expanding its services by providing intensive English classes in apartment complexes and local ethnic churches.

MILITARY CONSTRUCTION:

Fort Gordon, to construct new barracks at Fort Gordon, \$93,000,000

Fort Gordon is in need of AIT Barracks for unaccompanied, enlisted soldiers. The new facility will provide sufficient space and increased security and privacy for soldiers. Without new barracks, student soldiers will continue to endure substandard living accommodations that hinder the Army's ability to retain good soldiers.

Fort Stewart, to fund an addition to Winn Army Community Hospital, \$4,000,000

As the 3rd Infantry Division returns from deployment and the population of Fort Stewart increases as a result of Army's Modular Force, the demand for services at Winn Army Community Hospital is projected to grow by 3.9 percent. 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.

Hunter Army Airfield, to provide an aviation unit maintenance hangar, \$11,000,000

Hunter Army Airfield needs an aviation unit maintenance hangar with five bays for maintenance of AH-64 D Apache helicopters. Without this expansion, a third of aviation maintenance personnel will not have adequate facilities to perform critical maintenance functions.

Kings Bay, to fund the construction of an addition to the Strategic Weapons, Atlantic Limited Area Reaction Force Facility, \$5,350,000

The Reaction Force Facility is in direct support of the Nuclear Weapons Security program. It constructs an 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. The project will also accommodate additional berthing facilities for females.

Marine Corps Logistics Base Albany, to fund a new warehouse at, \$4,920,000

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

Moody Air Force Base, to construct an access gate and gate house, \$5,900,000

Moody Air Force Base in need of a commercial access gate and gate house, truck inspection facility and cargo transfer station to meet anti-terrorism and force protection standards.

Robins Air Force Base, to construct a new command post, \$5,000,000

The Command Post is a 15,000-square-foot facility required because of 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. It will also consolidate the 911 Dispatch Center and Emergency Operations Center into a single location, bringing the facility closer to the actual command staff.

Savannah Air National Guard, to fund construction of troop quarters, \$8,700,000

The Air National Guard standard for troop quarters at combat readiness training centers is 1,000 bed spaces. Currently, the Savannah center has 734 substandard bed spaces, and three open-bay troop quarter barracks will be demolished in fiscal year 2007 to allow space for another construction project. As a result, the installation will be unable to meet the requirements of Air Mobility Command and Air Combat Command Inspector General exercises and inspections, as well as being unable to host large DOD exercises until replacement quarters are constructed.

TRANSPORTATION, HUD:

Bold Vision Capital Campaign for the Center for Family Resources, to \$500,000

The Center for Family Resources is an organization in Marietta, Ga. that helps individuals, families, and communities acquire the resources they need to become independent and self-sufficient thereby breaking the cycle of poverty. The new headquarters fulfills the organization's longtime community goal of creating a "one-stop shop" of social services. The new facility allows The Center to expand its own programmatic needs and offers substantial room for partner agencies, establishing a centralized place to provide services to low-income individuals and families.

Brunswick Airport Improvements, \$5,000,000

Cobb Community Transit Bus Acquisition, \$3,000,000

Cobb Parkway Expansion, \$2,000,000

Hamilton Clean Fuels Bus Facility, \$1,500,000

Industrial Park Site Preparation for the Paulding County Airport Business Technology Park, \$970,000

Jennings Mill Parkway extension from Epps Bridge to SR 316, \$2,000,000

Marietta Aeronautical Museum and Education Center—Museum Facilities Construction, \$2,000,000

MARTA Clean Fuel Buses, \$7,680,000

MARTA Clifton Corridor, \$1,200,000

The Martin Luther King, Jr. Research and Education Initiative, \$10,000,000

Renovation of former Tift College, \$1,000,000

South Rome Bypass/US 27 from SR 1 to SR 101 at CR 96, \$1,000,000

SR 20 from I-575 to CR 238, \$2,000,000

SR 34 Bypass at Newnan from Jefferson Parkway to SR 34, \$1,000,000

SR 54 from McDonough Road in Fayette County to US 19/41 in Clayton County, \$2,000,000

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