



JOHNNY ISAKSON

UNITED STATES SENATOR · GEORGIA



FOR IMMEDIATE RELEASE

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Isakson Announces Fiscal Year 2009 Federal Funding Requests

WASHINGTON – U.S. Senator Johnny Isakson, R-Ga., today announced the fiscal year 2009 funding requests for Georgia projects that he has submitted to the Senate Appropriations Committee. Isakson believes increased transparency and disclosure are essential to the appropriations process.

AGRICULTURE:

Agricultural Research Service, to fund glyphosate-resistant pigweed research, report language request

Funds will be distributed to partners at universities on an as-needed basis to fulfill short-term specific research needs not available within the Agricultural Research Service.

Requested Report Language: The USDA-ARS Crop Protection and Management Research Unit in Tifton, Ga., provides basic and applied research that has a direct and immediate influence on weed management issues in agronomic and vegetable cropping systems. Funding of long-term research to enhance crop production efficiency and minimize effects from weeds is vital for sustainability of these farms.

Agricultural Research Service, to fund nematology research, \$248,000

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. Funds will allow continuation of research in identifying, isolating and replicating genetic resistance to root-knot nematodes and continuation of research in identification and implementation of cultural practices that will minimize the need for chemical nematicides. Research will be conducted in Tifton, Ga. at the Coastal Plains Research Center.

American Peanut Shellers Association, to fund research on chronic diseases in children, \$508,000, and Report and Bill Language Request

The study will attempt to determine solutions for including peanuts in nutrition protocols that decrease the chances of developing childhood obesity and its major public health impacts. Research will assess changes in body weight, body fat, and cardiovascular risk factors, including blood pressure and blood fats, and overall nutrient profile and satiety of the diet of children.

Requested Bill Language: The Committee provides \$508,000 to the USDA, ARS Children's Nutrition Research Center to continue ongoing research of Chronic Diseases of Children with the Peanut Institute and the Baylor College of Medicine.

Requested Report Language: The Children's Nutrition Research Center at the Baylor College of Medicine, Houston, TX, has helped define the role of nutrition in children's health, growth, and development; contributed to nutritional guidelines used by physicians, parents, and others responsible for the care and feeding of children, and is unique in its ability to address a broad array of children's nutritional issues. The Committee provides \$508,000 to the USDA, ARS Children's Nutrition Research Center to continue ongoing research of Chronic Diseases of Children with the Peanut Institute and the Baylor College of Medicine.

Georgia Southern University College of Science and Technology, to fund Altamaha River Basin Water Quality Project, \$525,000

The goal of the Altamaha River Basin Water Quality Project is to collect data regarding water quality characteristics from the Altamaha River Basin and incorporate it into a geographic information system for the Basin. The geographic information system will be used to compare the water quality indices with river discharge, land use, soil type, bedrock geology, vegetation cover, and other elements of the environment to sources of observed variation.

Georgia Water Planning and Policy Center, to fund agriculture water policy project, \$900,000

The goal of the project is to ensure that water resources are managed for economic stability and resource protection in areas where irrigated agriculture is critical to the regional economy. The project seeks to protect access to water for agricultural irrigation and to promote sound management of water resources. The project will be administered by the Georgia Water Planning and Policy Center at Albany State University in Albany, Ga.

Metropolitan North Georgia Water Planning District, to fund watershed monitoring and restoration projects as well as future floodplain mapping efforts, \$300,000 and Report Language Request

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 Atlanta area.

Requested Report Language: Under TITLE II—Conservation Programs: Natural Resources Conservation Service, at the appropriate place, please insert the following: "\$300,000 for the Metropolitan North Georgia Planning District for water infrastructure improvements in North Atlanta Metropolitan Area, Georgia

South Georgia Regional Development Center, to fund Geographic Information System Project, \$3,000,000

The National Consortium for Rural Geospatial Innovations works in rural America on applications including rural economic development, agriculture resource assessment and management, land use planning, infrastructure inventory and management, homeland security, community smart growth or

asset management and disaster response. The consortium uses a variety of approaches to transfer geospatial technologies and make them understandable, affordable, and useful throughout rural America. This national consortium of geographically dispersed centers maintains nearly equal funding for each site with some variance associated with performance-based project needs and objectives. Each site undergoes internal and external peer review and evaluation annually.

The consortium has been actively engaged in providing geographic information system technologies to rural communities for the past several years. The regional centers that share equally in the USDA appropriation are:

- Wilkes University – Chesapeake
- Pennsylvania State University - Chesapeake
- Pennsylvania State University – Chesapeake
- University of Arkansas – South Central
- University of North Dakota – North Central
- Central Washington University – Northwest
- Southwestern Indian Polytechnic Institute
- South Georgia Regional Development Center

UGA College of Agricultural and Environmental Sciences, to fund Agricultural Water Use: Innovative Tools for Water Conservation, \$300,000

The purpose of this project is to develop innovative science-based tools for agricultural water conservation. This will include web-based systems and in-field practices to provide water conservation alternatives that are distinct, direct, and economical. The ultimate goal of this project is to benefit the citizens of Georgia and the surrounding states through conservation of Georgia's and the region's limited water resources

UGA College of Agricultural and Environmental Sciences, to fund cotton insect management and fiber quality project, \$500,000

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

UGA College of Agricultural and Environmental Sciences, to fund Glyphosate-resistant Palmer amaranth research, \$300,000

The Glyphosate-resistant Palmer amaranth weed threatens cotton production in Georgia and throughout the South. Research is needed to develop weed management programs to control this serious herbicide resistant weed. The purpose of this project is to develop tactics to manage glyphosate-resistant Palmer amaranth allowing growers to continue to produce cotton in Georgia and throughout the South.

UGA College of Agricultural and Environmental Sciences, to fund integrated fruit and vegetable research, \$240,000

Over half of the grower's costs in producing vegetables occur during the period from harvest to market. The post-harvest handling and procedures used in these crops can have a dramatic impact on marketability, quality, shelf-life and thus net profit. With improper handling, the post-harvest losses in these perishable crops can be excessively high. Another portion of this grant will be used to fund research focused on the procedures and techniques that affect quality, marketability, shelf-life and food safety particularly from harvest to market.

UGA College of Agricultural and Environmental Sciences, to fund National Center for Peanut Competitiveness, \$300,000

The National Center for Peanut Competitiveness fosters collaborative research on the analysis of trade policy, production costs, production, processing and marketing of peanuts and the impact on Southern rural economies.

UGA College of Agricultural and Environmental Sciences, to fund phytophthora research, \$240,000

The goal of this project is to evaluate new and promising biorational disease management tactics for developing integrated strategies to effectively manage Phytophthora blight, a devastating disease affecting vegetable production in Georgia and other states.

UGA College of Agricultural and Environmental Sciences, to fund Urban Water Resources Initiative, \$750,000

This initiative will provide Georgia stakeholders with unbiased scientific research, much-needed education, and outreach focused on stormwater management, sediment and erosion control, onsite wastewater management, and the impacts of land use on water resources.

UGA College of Agricultural and Environmental Sciences, to fund water use efficiency and water quality enhancement project, \$500,000

The purpose of the project is to advance the discovery and use of variable rate water application technologies that will save billions of gallons of irrigation water each year, while increasing agricultural productivity and improving water quality. Research emphasis will be on the major irrigated crops, including cotton, peanut, vegetables, turfgrasses and corn.

COMMERCE, JUSTICE, AND SCIENCE:

City of Atlanta, to support the Intensive Surveillance Officer Project, \$250,000

The partnership with Fulton County and the City of Atlanta allows for a collaborative effort in addressing the issue of youth violence reduction. Youth enter the court system with multiple problems. The Intensive Surveillance Officers work directly with probation officers to provide services to youth referred to the program by Juvenile Court Judges.

City of College Park, to upgrade public safety interoperable communications, \$1,000,000

The City of College Park has tremendous public safety responsibilities and needs, largely because it is home to the world's busiest airport and the Federal Aviation Administration's Southern Region Operations Center and it is adjacent to one of the nation's largest cities. The City's communications system, however, is not compatible with other key law enforcement and public safety entities in the region. This funding would support the implementation of an interoperable radio system enabling College Park public safety agencies to interface seamlessly with other jurisdictions in the region, including Atlanta and Fulton County.

City of Conyers, for law enforcement technology and interoperability, \$400,000

Through this initiative the Police Department will be able to network among all other city and county first responder units through wireless technology, use real-time video surveillance in order to proactively prevent crimes, and improve data-entry technology to reduce clerical errors.

City of East Point, to update law enforcement technology, \$500,000

The City of East Point's Police Department protects over 37,000 residents, all of whom will benefit from the completion of the Mobile Data Terminals Project. 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.

City of Macon First Responder Interoperable Direct Communication, for improved communications among first responders, \$3,000,000

Macon's strategic central location makes it the natural hub for voice radio communications connecting all other parts of Georgia. The requested funding will complete the replacement of obsolete radio infrastructure upon which this region depends so greatly.

Cobb County Regional Communications Interoperability for Public Safety First Responders, to establish communications between first responders in surrounding areas, \$3,800,000

A wide area network will enable responders from numerous agencies in the metro Atlanta region to coordinate responses and assist with major crises and disasters, both natural and manmade. Funds for this project will be used to link systems together and upgrade the radio system's operating platform so that all area systems are functioning at the same level.

Georgia Bureau of Investigation's Advanced Sex Offender Search Technology Program, to strengthen the state's aggressive sexual offender monitoring efforts, \$1,450,000

The GBI intends to link state-controlled data sets relevant to sexual offender enforcement with other available data sets to increase the state's ability to locate non-compliant offenders. The technology will arm state and local law enforcement across the state with new investigative tools, including mapping and alerts when offenders cross state or local jurisdiction lines.

Georgia Bureau of Investigation's Justice Information Management Network, to expand law enforcement information sharing, \$972,572

The sharing of critical law enforcement intelligence information combats the nation's continuing criminal activity and the violent crime associated with it. FY09 federal funding will be used by the GBI to enhance the Justice Information Management Network by integrating it into the Criminal Information Sharing Alliance network, upgrading reporting software, upgrading Investigative Division computer resources and developing a disaster recovery plan.

Georgia State University, to expand an innovative prison release preparation program for HIV-infected inmates, \$500,000

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 the probability of further 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 Center for Healthy Development, for expansion of the program, \$100,000

Georgia State University's Center for Healthy Development in Atlanta, Ga., promotes the health, safety, well-being and quality of life of children, adults and families with and without disabilities through research, service and advocacy. Funds will be used to provide remediation for the potential consequences of childhood abuse and neglect

These funds were originally allocated to the Marcus Institute in Atlanta, Ga., for the same purpose. However, the program formerly housed at the Marcus Institute intended to carry out this function has moved to the Georgia State University Center for Healthy Development.

Henry County, to expand the Emergency Operations Center, \$400,000

By expanding the Emergency Operations Center to include space for a full-time Regional Coordinators Office with Georgia Emergency Management Agency, as well as with the Red Cross, response times from these agencies would be reduced and citizens would be assisted much more rapidly.

Inner Harbour for Children and Families in Douglasville, Ga., to provide and develop neurofeedback therapy, \$1,174,000

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 neurofeedback therapy, which is both painless and non-invasive, to improve mental and social performance and to reduce the need for pharmacological treatments.

Jefferson County, to upgrade the emergency dispatch communications system, \$250,000

The Jefferson County Emergency Dispatch Communications System Upgrade and Enhancement Project will not only provide excellent communication within Jefferson County but will create the interoperability in communicating with other public safety and first responder units in neighboring counties as well as the region and the state.

Liberty County Web-based Emergency Operations Centers and Regional Communications System, to develop a fully-interoperable communications in coastal Georgia, \$250,000

Web-based Emergency Operations Centers will facilitate communications with emergency operations center officials at Ft. Stewart and improve radio communications for public safety officials in Liberty County, Ga., and across southeast Georgia counties.

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

The Marcus Institute in Atlanta, Ga., 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.

Paulding County, for expansion of the public safety communications system, \$1,000,000

Paulding's emergency service call volume has increased substantially over the last few years. The addition of hard-wired interoperability capabilities will provide a permanent link to Cobb County's 800MHz radio system which is tied into the other metro Atlanta cities and counties.

Rockdale County, to improve the law enforcement mobile data network, \$200,000

Rockdale's current mobile network needs to be updated to better equip officers with timely information. This funding would cover hardware, software and printers for patrol vehicles. Additional funding is requested to purchase and install thermal imagers on mobile units utilized during night shifts. Thermal imagers detect activity in many conditions, and are useful in reconnaissance, covert operations, surveillance and search and rescue operations.

Rockdale County Methamphetamine Initiative, for the identification, seizure and clean-up of methamphetamine drug labs, \$120,000

The expansion of this unit would allow the Rockdale County Sheriff's Office to integrate investigative and enforcement efforts with other jurisdictions within metropolitan Atlanta Since

meth labs or chemical dumps are potential hazardous waste sites, evaluation and cleanup requires carefully trained and equipped professionals. Funding would cover the addition of an investigator for two years to the Narcotics/Vice Unit, along with necessary computers, telephones and surveillance equipment.

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.

Savannah Area Regional Intelligence Center, to deploy software that fosters communication of intelligence between area law enforcement agencies, \$950,750

To develop and deploy Intelbridge to provide the City of Savannah and the surrounding region with the ability to gather, analyze, and distribute actionable intelligence that will enhance its law enforcement capabilities.

Truancy Intervention Project in Atlanta, a drop-out prevention program serving children in the Atlanta Public and Fulton County Schools, \$250,000

By volunteering with children and families, the Truancy Intervention Project strives to decrease the absenteeism rates and provide the families with the resources and services necessary to ensure good attendance and success in school. Financial support will be used for general expansion of the program's advocacy and service to the truant and at-risk students of Georgia.

Urban Science Initiative, to improve the Atlanta Botanical Garden, \$325,000

Through the Urban Science Initiative, Atlanta Botanical Garden will provide supplemental educational enrichment opportunities for at-risk students, who will benefit from a renewed connection to nature, arts, and culture, all of which support higher academic achievement.

ZERO TO THREE, to fund the Court Teams Project in Douglas County, \$300,000

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.

Funding requests in Commerce, Justice, State that were supported by a number of Senate members, including Senator Isakson:

Coastal and Estuarine Land Conservation Program, to protect and preserve Georgia's coast, \$60,000,000

The purpose of the Coastal and Estuarine Land Conservation Program is to protect those coastal and estuarine areas with significant conservation, recreation, ecological, historical or aesthetic values, or those that are threatened by conversion from their natural state to other uses.

Economic Development Administration, to create jobs and to stimulate Georgia's economy, \$280,000,000

The Economic Development Administration (EDA) provides grants to economically-distressed communities to generate new employment, help retain existing jobs and stimulate industrial and commercial growth. The EDA was established to generate jobs, help retain existing jobs, and stimulate industrial and commercial growth in economically-troubled areas of the United States. EDA assistance is available to rural and urban areas of the United States experiencing high unemployment, low income, or other severe economic distress. Its stated mission is to "lead the federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the worldwide economy."

Edward Byrne Memorial Justice Assistance Grant program, to support Georgia's state and local law enforcement, \$489,600,000

The Edward Byrne Memorial Justice Assistance Grant Program allows states and local governments to support a broad range of activities to prevent and control crime and to improve the criminal justice system. The procedure for allocating JAG funds is a formula based on population and crime statistics, in combination with a minimum allocation to ensure that each state and territory receives an appropriate share.

Manufacturing Extension Partnership Program, to support small and medium sized manufacturers, \$122,000,000

The Manufacturing Extension Partnership is the only federal program dedicated to providing technical support and services to small and medium sized manufacturers. The program is a nationwide network of proven resources that enables manufacturers to compete globally, supports greater supply chain integration, and provides access to information, training and technologies that improve efficiency, productivity and profitability.

National Textile Center, to support research needs for the fiber-textile industry, \$13,000,000

Funding for the National Textile Center allows industry leaders and university partners to conduct key, high-risk research to respond to national science, engineering and technology needs in the fiber-textile industry. Georgia Tech is a participating university partner and does important research with this national program. The purpose of the center is to conduct fundamental research, support and train a new generation of skilled expertise and create innovations to enhance the competitiveness of the U.S. textile industry in the global marketplace.

**Textile/Clothing Technology Center, for advanced technology research and development,
\$3,500,000**

This project is for advanced technology research and development, benefiting the sewn products and hosiery industry sectors through improved knowledge of body shape and improved apparel and hosiery fit and comfort for the consumer. The dissemination of new technology from around the globe to manufacturers and supply chain partners enhances domestic competitiveness.

DEFENSE:

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 research, \$3,000,000

The Advanced Bonded Diamond for Optical Applications program, developed at the Valdosta Optics Lab in Valdosta, Ga., creates higher efficiency through improved thermal management on tactical laser weapons mounted on the Joint Strike Fighter, helicopter, and tank platforms for IED disabling/missile shoot-down applications, and for communications systems to be integrated into future soldier uniforms.

Advanced Lithium Ion Battery, to fund research, \$7,000,000

The Advanced Lithium Ion Battery program, conducted by Johnson Research and Development Company of Atlanta, Ga., provides a new battery alternative that can hold triple the amount of energy of current batteries. This increased capacity will significantly enhance the operational capability of military forces while reducing the logistical footprint.

Advanced SAM Hardware Simulator Development, to fund research, \$6,000,000

Advanced SAM Hardware Simulator Development at the Georgia Institute of Technology in Atlanta, Ga., will reinvigorate the simulator development process and provide a simulator for use in the development and testing of the next generation of electronic warfare equipment.

Advanced Simulator for Combat Operations and Training, to fund research, \$8,000,000

The Advanced Simulator for Combat Operations and Training merges live and classroom training to create an area of operation where soldiers are completely immersed in a life-like, intense, and intimidating environment. The technology will be implemented at Fort Benning, Ga. The first 90 days of battle is the most dangerous for a soldier. The Institute for Creative Technologies at the University of Southern California strongly believes this in-theater learning curve can be significantly flattened or removed altogether, by creating a virtual battlespace that allows soldiers to take multiple repetitions in an environment that accurately reflects the conditions of the battlefield.

Advanced Thermal Processing of Packaged Combat Rations, to fund research, \$2,100,000

Printpack Inc. in Atlanta, Ga., will develop non-foil materials for military ration packaging, which is a precursor step to enable enhanced thermal processing techniques. The end result will be military rations with greater variety, better taste, more nutrition, longer shelf-life, lower production costs, and that are more environmentally friendly.

Air National Guard Joint Threat Emitter for the Savannah Combat Readiness Training Center, to fund procurement, \$10,000,000

The Combat Readiness Training Center in Savannah, Ga., will replace older, 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.

The Alliance for Critical Languages and Culture, to fund research, \$6,000,000

As threats to our national security continue to emerge around the globe, military leaders need experts in foreign language and culture to provide and interpret intelligence resources to combat the threat. The Associated Colleges of the South, including Morehouse and Spelman Colleges in Atlanta, Ga., is a key component in providing these experts through their curriculum and programs.

Automated Communications Support System for Warfighters, Intelligence Community, Linguists and Analysis, to fund research, \$2,500,000

The Automated Communications Support System for Warfighters, Intelligence Community, Linguists, 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 Solutions Center, to fund research, \$7,900,000

The Automatic Identification and Data Capture Solution Center will provide cost effective automatic identification solutions to depot functions. The system provides for automated receipt/issue of items with automatic updates and reorder capabilities vastly improving supply chain management. Work will be performed at Marine Corps Logistics Base in Albany, Ga.

Bionanophotonic Detection of Biological Agents and Emerging Infectious Diseases, to fund research, \$1,160,000

The University of Georgia has developed a bionanophotonic detection platform capable of accurate and rapid (30 second) detection of viruses using minimal analyte and no amplification. Further advances will allow deployment of the platform for field detection of pathogens.

BioSmart™, to fund medical research, \$2,200,000

Nosocomial infections are a common problem within the healthcare system. Milliken and Company, of Thompson, Ga., continues to progress in development of its BioSmart™ solution, lowering the speed to kill bacteria to only 30 minutes. A perfected product provided to the military healthcare system will provide great health benefits, security and cost-savings to the patient under care, as well as to the supervising healthcare workers by reducing the effects and occurrence of bacterial infections.

C-130 Automated Inspection, Repair, Corrosion and Aircraft Tracking Condition-Based Maintenance, to fund research, \$6,000,000

Under a U.S. Air Force contract program with Mercer Engineering Research Center of Warner Robins, Ga., 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.

Career Lifecycle Approach Study for Traumatic Brain Injury in Military Personnel, to fund research, \$650,000

With 64 percent of battlefield injuries occurring as a result of a blast, continued development of testing methods for traumatic brain injury is necessary. Mild traumatic brain injury can go undetected, yet can have profound effects on memory and judgment. The long-term effects of undiagnosed mild traumatic brain injury can significantly impact a soldier's wellbeing. Zenda Technologies of Atlanta, Ga., is developing a single tool to screen, diagnose, and track mild traumatic brain injury.

Center for Advance Logistics Management, to fund research, \$5,000,000

The military is having difficulty recruiting new government civilian logisticians due to a lack of a viable training and education base and the lack of awareness of our youth about the work opportunities associated in military logistics. To help solve the challenges in the military logistics workforce, Albany State University in Albany, Ga., is developing and training aspiring logistics personnel on improved logistics tools, technologies, practices, and procedures.

Center for Parts Configuration Management, to fund the program, \$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 is located at Robins Air Force Base in Warner Robins, Ga.

Center for Vaccine Scale-Up/Process Research Phase II, to fund research, \$1,700,000

This proposal funds research at Georgia State University in Atlanta, Ga., geared toward improving the speed and efficiency of the development and manufacture of vaccines.

Combat Skills Marksmanship Trainer, to fund procurement, \$6,000,000

The Combat Skills Marksmanship Trainer, which is provided by Meggitt, 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 research, \$2,500,000

This program, developed by Verco Materials, in Atlanta, Ga., utilizes the breakthrough pressureless sintering methodologies developed at the Georgia Institute of Technology, to focus on the design,

prototype fabrication, and evaluation of complex-shaped, contour-forming boron carbide armor for soldier torso and extremity protection.

Conditioned Based Maintenance and Mission assuredness for Ground Vehicles, to fund research, \$4,500,000

The Condition Based Maintenance and Mission Assuredness for Ground Vehicles initiative, conducted by Ricardo US in association with the Georgia Institute of Technology, will allow for the development of computer co-simulation tools that will enable “virtual” vehicle designs to be functionally tested on computers, leading to better optimized military vehicles. Computer design of full vehicles with great fidelity is now conceivable due to advancements in computers and models. When systems can be co-simulated, they can predict in-field performance and whether a system can complete a specific mission

Covert Communications for Special Operations Forces, to fund research, \$4,600,000

The Covert Communications system, being developed by Scientific Research Corporation in Atlanta, Ga., provides advanced communications security by utilizing the recently developed Wavelet Packet Modulation. This technology disburse a communications signal’s information in a manner to permit the warfighter to be undetectable and extends radio reach in challenging environments (cave, tunnel and urban missions).

Customization and Optimization of Environmental and Waterborn Pathogen Testing, to fund research, \$3,000,000

The military is in need of rapid and reliable test methods for agents that could be intentionally used to contaminate the environment. This program, conducted by PathCon Laboratories of Norcross, Ga., will improve and expand the list of environmental pathogens that can be detected by the military including, Giardia, Cryptosporidium, E. coli, Salmonella, Clostridium, Vibrio, Shigella, Campylobacter, among others. Funding will allow for optimization of field-test kits with improved sensitivity.

Darton College Registered Nursing Programs for the Military Community, to fund the program, \$1,000,000

There is a significant need for nurses in both the civilian and military communities. Many service men and women have been trained as medics and with some additional coursework and clinical experiences could become registered nurses and fill military needs. In addition, this program, offered by Darton College in Albany, Ga., is open to military spouses and can help improve the economic stability of frequently moving military families through the wide availability of nursing jobs in communities across the United States.

The Department of Defense Starbase Program, to fund the program, \$5,200,000

For the United States to remain the world leader in economic development and defense, it will require individuals who are highly skilled in science, technology, engineering, and math. The Department of Defense’s STARBASE program, with locations in Marietta and Warner Robins, Ga., is a national program to spur interest in young students to enter these necessary career fields. The

requested funds will support a third GA STARBASE in Savannah, Ga. At STARBASE, students participate in exciting, hands-on activities in aviation and space exploration, and interact with military personnel. In addition to learning critical skills in math, science, and technology, students learn about teamwork, goal setting, and the importance of staying off drugs.

Diagnostic/Prognostic Pump System, to fund research, \$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.

Electronic Portal for Analysis, Workload and Zoonotic Surveillance, to fund research, \$5,000,000

The Department of Defense working dogs are critical partners in the War on Terror and their health is directly related to their ability to assist in those missions and roles to save American lives. This project will provide animal handlers and veterinarians with worldwide access to their animals' medical and preventive health records, and also provide an electronic portal for analysis and zoonotic surveillance for Army veterinarians. This work will be performed at Fort Benning, Ga.

Engagement Skills and Warrior Skills Trainers for the Air Guard Combat Readiness Training Center, to fund the program, \$3,500,000

The Engagement Skills and Warrior Skills Trainers are a critical element of the Georgia Air National Guard's basic combat skills training at the Combat Readiness Training Center in Savannah, Ga. The virtual trainers reduce the resources required for training at traditional ranges, improve safety, increase the training time table, and provide immediate feedback of airmen performance.

Focused Center Research Program, to fund research, Support President's budget request

The Focused Center Research Program 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.

Geospatial-Intelligence Contingency Packages for the National Geospatial Intelligence Agency, to fund procurement, \$4,000,000

The Geospatial-Intelligence Contingency Packs, developed by TerraGo Technologies, Inc. of Atlanta, Ga., are preassembled packages of selected maps, charts, and other geographic materials of various scales to support the planning and conducting of rapid noncombatant evacuation operations in high-risk countries or areas.

Handheld Biototoxicity Sensor, to fund research, \$1,200,000

Military personnel are constantly under threat of being exposed to harmful chemicals or biological agents. This research seeks to develop a cost effective and highly portable device that can warn them of these toxins before the concentrations reach harmful levels. The developer, Axion Biosystems of Atlanta, Ga., will be incorporating recent technological advances, including some conducted at the University of Georgia.

Hand Launched Unmanned Aerial System High Performance Payload, to fund research, \$5,000,000

The Hand Launched Unmanned Aerial System High Performance Payload, developed by Aerospace Missions Corporation of St Marys, Ga., addresses the Army's Unfunded Night Vision and Counter-Improvised Explosive Device Requirements for beyond-line-of-sight target location/identification at ranges further than the enemy can detect our warfighters.

Helicopter Cable Warning & Obstacle Detection, to fund research, \$5,000,000

The U.S. military conducts helicopter missions in which aircraft are required to fly and hover at altitudes close to the ground. In addition to small arms and air defense systems, low altitude obstacles such as wires, towers, poles, etc., pose a major threat to low-level operations during armed conflict. Honeywell International's Atlanta, Ga., office is developing a cable warning/obstacle avoidance sensor system to detect these dangerous obstacles, particularly during night operations, to enable aircrews to effectively and safely execute mission scenarios in all environments.

Human Neural Cell-Based Biosensor, to fund research, \$1,200,000

Environmental toxicants represent a growing concern for both military and civilian agencies. While traditional, specific detector technologies are excellent at finding and quantifying known threats, there is a need for generic sensor technologies that utilize functional biology as the sensor element to detect both unknown toxicants as well as hazardous combinations of otherwise non-threatening compounds. The University of Georgia has developed techniques to control the differentiation of human stem cells (from approved cell lines) into networks of neurons along with the necessary support cells. Aruna Biomedical, of Athens, Ga., has the exclusive commercial license from the university for human neural cells in biosensing applications. This project aims to develop a simple automated neural cell system in a neuron-based biosensor.

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

Due to the nature of their duties and mission, military forces are at higher risk of exposure to HIV infection than their civilian counterparts. This research focuses on technology aimed at reversing the T cell dysfunction that causes HIV/AIDS and other immune system diseases and can lower the incidence of opportunistic infections. The Immunostimulating HIV Therapy Program will be administered by the Medical College of Georgia in Augusta, Ga.

Information Assurance Initiative- Open Archives Initiative, to fund research, \$2,900,000

The Open Archives Initiative Industry database is vital to Military Defense and National Security by providing a means to identify Defense and Homeland Security competencies at the touch of a

button within a secure biometric environment. STI Technologies of Kathleen, Ga., will create and maintain the secure database.

Information Modernization for Processing with Advanced Coating Technologies, to fund procurement, \$2,000,000

Many Department of Defense depots have been migrating part overhaul towards advanced thermal spray systems as a replacement for existing, caustic plating lines. These new advanced coatings, developed by Engineering and Software Systems Solutions, Inc. of Warner Robins, Ga., allow for improved repairs, at significantly reduced cost, and eliminate highly toxic processing waste streams. The Warner Robins Air Logistics Center is already into its second year of this initiative. This funding extends the program.

Integrated Communications for Georgia National Guard Military Support for Civil Authorities, to fund the program, \$4,000,000

Communication challenges between the military, first responders and civilian authorities using commercial networks are well documented. This project, performed by TerreStar Networks Inc. for the Georgia National Guard, equips the Georgia Guard with interoperable communications, enabling them to meet civil support needs.

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

CERBERUS, developed by ICx Tactical Platforms in Forest Park, Ga., is a tower-mounted sensor suite for outward looking perimeter security and intrusion detection. It meets the command, control and situational awareness needs of our forces by providing remote visual, radar, infrared, chemical and biological detection, providing standoff intelligence and support to commanders in theatre.

Intelligent Vehicle Technology System, to fund procurement, \$425,000

Reduced driver visibility contributes to 42 percent of all civilian vehicular crashes, and soldiers on the battlefield face much tougher conditions than the average vehicle operator. Air Vizion Technologies of Atlanta, Ga., has created an easy to use and install product that ensures rear visibility during inclement weather and muddy terrain for soldiers. The system provides a cost-effective way to improve driver safety and decrease non-combat related vehicle accidents.

John H. Hopps Defense Research Scholars Program, to fund research, \$2,000,000

The John H. Hopps Defense Research Scholars Program at Morehouse College in Atlanta, Ga., provides the infrastructure and increased research capacity to establish student-mentor relationships with federal research laboratories. The goal is to establish doctorate track student research in national laboratories in support of the Science, Technology, Engineering, and Mathematics education initiative.

Lithium-Ion Battery Management System for Navy Unmanned Combat Air System and Legacy Aircraft, to fund research, \$3,800,000

The research, performed by Saft America Inc. of Valdosta, Ga., will provide improved battery chemistry necessary to meet current and future airborne weapons systems requirements. The current Navy Unmanned Combat Air System and other Aircraft represents a significant advance in the state of the art for airborne weapons systems and a significant element in this program relates to the development of a light-weight, high-power, Lithium-Ion battery system. These developments will provide the Navy with the battery chemistry necessary to meet the demanding environmental constraints associated with naval aviation for current and future airborne weapons systems.

LSD 41-49 Class Boat Davit System Modification, to fund procurement, \$3,020,000

The Welin Lambie LUM 12A davit on the LSD ships has been plagued with electronic and mechanical control design problems that make it an extremely unreliable platform to launch and recover boats during man-overboard, force-protection, security and amphibious operations. Since this is a primary function of their amphibious mission, correcting these critical failures is essential to reduce the enormous risks and safety issues and operational problems encountered. The procurement from Rockwell Automation of Dublin, Ga., will correct the failures.

LSD 41 Class – 60-Ton Crane Controls and Drives Replacement, to fund procurement, \$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 the 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.

Novel Working Model for a Regional Center of Excellence for Posttraumatic Stress Disorder, to fund research, \$2,600,000

As a regional medical center, Phoebe Putney Medical Center in Albany, Ga., is strategically located in proximity to the Carl Vinson Veterans Administration Medical Center and several Department of Defense facilities that include: Fort Benning, Fort Gordon, Fort McPherson, Fort Stewart, Moody Air Force Base, and Robins Air Force Base that include numerous Department of Defense Health Clinics. This initiative implements a Novel Working Model for a Technological Regional Center of Excellence for Posttraumatic Stress Disorder at Phoebe Putney Medical Center. The medical center will identify top mental health care applications being used to identify and treat Posttraumatic Stress Disorder.

Obesity and Cancer Program, to fund research, \$3,000,000

The Obesity and Cancer Program, a collaboration between the Curtis and Elizabeth Anderson Cancer Institute at the Memorial 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.

Power Dense Transmissions, to fund research, \$1,600,000

This project, performed in Georgia by The Timken Company, will develop an advanced gear material system for helicopter power transmissions, specifically Chinook, Apache, and Blackhawk aviation systems.

Progressive Therapies for Neurorecovery, to fund research, \$4,300,000

Tremendous strides in military trauma care have resulted in dramatically reduced mortality rates among U.S. service members engaged in combat in Iraq and Afghanistan. They are surviving with injuries that in previous wars would have been fatal, and many require long-term care and therapy. Traumatic brain and spinal cord injuries are chief among these severely debilitating injuries. This research, by the Shepherd Center in Atlanta, Ga., endeavors to provide the highest medical care possible to these severely injured service men and women, investigating new therapies and treatments that could dramatically improve their quality of life.

Proton Exchange Membrane Fuel Cell for Naval Applications, to fund research, \$3,000,000

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 fuel cell power source for use in unmanned surface and undersea vessels.

Range Element Network Enterprise Technology, to fund research, \$7,100,000

The Range Element Network Enterprise Technology project, developed by ProLogic Inc., provides the Savannah Combat Readiness Training Center with additional multi-mission critical data link capability integrated with the Test/Training Enabling Architecture network. The interface will enable sharing tactical data across geographically separated Ranges and enhance the testing and training in command and control provided at the Savannah center.

Rapid Replacement of Mission Critical Logistics Electronics to Support High Usage Wartime Aircraft Deployments, to fund research, \$3,800,000

The Rapid Replacement of Mission Critical Logistics Electronics program, which is developed by Scientific Research Corporation in Atlanta, Ga., replaces existing avionics components, subsystems and systems with compatible components incorporating new technology. This is the most efficient and cost-effective method to meet high-usage wartime requirements for operational aircraft.

Secure Medical Incident Management Capability, to fund research, \$4,500,000

Military health leaders will be able to better leverage available medical resources to save more lives than would otherwise be possible under an initiative provided by Evolvent to Fort Stewart, Ga. The program allows development of a national hospital incident command system, providing real-time situational analysis and decision making tools to report, assess, and respond to various mass casualty conditions. The system integrates technologies for operational security and ensures patient privacy.

Sensor Visualization and Data Fusion, to fund research, \$5,000,000

Sensor Visualization and Data Fusion, developed by Barco Federal Systems with facilities in Duluth, Ga., will provide a subsystem of sensor technologies that will fuse information from multiple sensor inputs to provide stable views of battlefield threats and to create real-time simulated mission rehearsal capabilities. The ability to fuse this information into a realistic simulation video before engaging the enemy will result in superior battlespace awareness unavailable to any warfighter in the world today.

Smisson-Cartledge Infuser, to fund research, \$2,000,000

Smisson-Cartledge Biomedical, of Atlanta, Ga., is developing extracorporeal lung support therapy as an extension of its base ThermaCor 1200 technology. As research shows, there is an unmet medical need for improved ventilation for acute lung injury. The portable, nonsurgical unit would be designed for use by people who are not trained perfusionists or surgeons.

Solar Regeneration Pilot Program, to fund the program, \$2,700,000

The Air Force has been on the vanguard of renewable energy projects within the Department of Defense. Robins Air Force Base in Warner Robins, Ga., would establish a Solar Regeneration pilot project. Normally, solar panel energy is used directly for facility heating or water systems. These Solar Regeneration Panels would enable power to be returned to the energy supply system, contributing to the installation's energy reproduction and independence.

Supply Chain Data Management, to fund research, \$8,200,000

This funding will enable Robins Air Force Base in Warner Robins, Ga., to research and develop a centralized supply chain technical data repository. This repository will incorporate both engineering and technical order data used by technicians to order and repair weapon systems equipment, improving efficiency in inventory management and equipment maintenance.

Target Tracking Utilizing Low Cost COTS, to fund research, \$2,000,000

By utilizing advanced technology, the Air Force can achieve an automated motion detection and target tracking system operated within existing hardware. The program, developed by Physimetrics, Inc. of Roswell, Ga., uses available cameras and computers and, through developed software, automatically identifies potential targets on camera-fed visual input and tracks them across the camera feed. Multiple camera inputs can be overlapped to track a target across numerous cameras.

Unique Materials Supporting Surveillance and Position Monitoring Initiatives, to fund research, \$2,000,000

Researchers at the Oak Ridge National Laboratory and University of Georgia have developed several classes of new and unique materials and associated detection systems that address operational requirements deemed critical to our national defense. These nano-through-macro-sized materials support surveillance initiatives. The proposed initiative will facilitate the ability to detect and identify targets based upon unique observable signatures using devices that are sufficiently clandestine to be effective without undue exposure of personnel to risks.

Use of Neuregulin-1 for Stroke Recovery, to fund the program, \$1,900,000

A Morehouse School of Medicine study shows that a naturally occurring growth factor, called neuregulin-1, can protect nerve cells and decrease inflammation related to strokes. The Atlanta, Ga., medical school seeks to further its research of neuregulin-1 as a way to help patients improve their recovery from stroke. Since the effects of stroke are similar to those of someone exposed to nerve gas, the findings could also aid our troops in harm's way.

Warner Robins Air Logistics Center Special Operations Forces, to fund research, \$4,000,000

Intergraph Corporation of Warner Robins, Ga., will conduct research to enable Special Operations Forces to reduce touch time, which 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.

Warner Robins Air Logistics Center Strategic Airlift Aircraft Availability Improvement, to fund research, \$2,500,000

To meet the challenges of diverse global threats, rapid multiple deployments, and aging weapon systems, the Department of Defense must accelerate the transformation of logistics and maintenance processes. In support of the Air Force's goal to improve aircraft availability rates by 20 percent, the Intergraph Corporation will assist the Warner Robins Air Logistics Center in Warner Robins, Ga., to meet its requirement to streamline complex logistics challenges and maintenance activities by developing a web-enabled integrated data environment and further investigate Maintenance Steering Group – 3 implementation across weapon systems.

Funding requests in Defense that were supported by a number of Senate members, including Senator Isakson:

Air National Guard C-130 Fleet, Large Aircraft Infrared Countermeasure System, to fund procurement, \$17,000,000.

The AN/AAQ-24 (V) NEMESIS is an infrared countermeasure system, designed by Northrop Grumman Corporation and delivered to the Georgia Air National Guard, to protect both fixed and rotary wing aircraft against shoulder-launched infrared-guided surface-to-air missiles. The system detects a launched missile and jams the missile's guidance system with a beam of infrared energy. The system operates autonomously with no action required of the flight crew.

APN-241 Color Weather Radar for Air Force Reserve Command C-130H2 Aircraft, to fund procurement, \$14,800,000

The APN-241 Color Weather Radar will replace the older APN-59 radar on C-130H2 and earlier aircraft. The advanced radar will improve reliability, maintainability, and sustainability while bringing commonality across all C-130 aircraft, including those of Dobbins Air Reserve Base in Atlanta, Ga.

C-37 Aircraft, to fund procurement, \$65,000,000

Modernization of the Air Force's Operational Support Aircraft fleet with C-37 aircraft, built by Gulfstream Aerospace in Savannah, Ga., supports the objectives set forth in the service's report to the Congress on "Transport Aircraft Requirements;" advances the FY '09 Air Force unfunded requirements submission to the Congress; and meets the most immediate need to provide a vital asset to a combatant element. The C-37, with its transcontinental range, exceptional performance capabilities and one-of-a-kind contractor logistics program, best supports the Air Force's high priority requirements.

Children's Oncology Group Research, to fund medical research, \$20,000,000

The Children's Oncology Group developed the Uniformed Services Oncology Consortium, which facilitates military institution participation and increases military dependants' access to clinical trials. The funds will contribute to the group's goal of curing childhood cancer.

F-22A Raptor, to fund procurement, \$497,000,000

The F-22A Raptor, built by Lockheed Martin and assembled in Atlanta, Ga., is America's only operational 5th generation fighter with stealth, supercruise, vectoring thrust agility and integrated weapons capability providing world-beating air dominance.

Multiplatform Radar Technology Improvement Program, to fund research and procurement, \$285,500,000

Continued funding of Joint STARS development and procurement, including the multiplatform radar technology, will ensure this vital weapon system remains viable and continues to support the joint warfighter. Joint STARS is a unique intelligence, surveillance, and reconnaissance system that supports both asymmetric and conventional warfare. A major portion of this work will be completed by the Northrop Grumman Corporation in Warner Robins, Ga.

National Guard Training Devices, Non-Systems: Virtual Convoy Operation Trainer, to fund procurement, \$25,000,000

The United States Army National Guard currently has only 48 of the 104 simulation trainers it requires to train its soldiers in convoy operations for Iraq and Afghanistan. The Virtual Convoy Operation Trainer is an upgraded and improved version of the HMMVV and Tactical Truck Convoy Trainers that have already been fielded. This improved trainer is reconfigurable to allow training on several types of vehicles and weapons. The procurement will help members of the Georgia National Guard prepare for future deployments.

National Guard Youth Challenge Program, to fund the program, \$22,000,000

The National Guard Youth Challenge Program improves the education, life skills, and employment potential of America's high school dropouts. This is accomplished by providing military-based training, supervised work experience, assisting in obtaining a high school diploma or equivalent, and developing leadership opportunities.

Naval Sea Cadet Corps Operational Funding, to fund the program, \$300,000

This program provides a tremendous opportunity for youth to examine the possibilities and advantages of a Navy or Coast Guard career. It provides potential Service applicants who have taken the time to explore a potential career in the Navy or Coast Guard and are highly likely to complete initial training and consider career options. The program has significance in promoting the Navy and Coast Guard, particularly in those areas of the United States where the Services have little presence. The officer and enlisted accessions related to this program are significant assets to the Services.

ENERGY AND WATER:

Albany, for municipal water, stormwater and wastewater infrastructure, \$4 million

Armuchee Valley, for municipal water, stormwater and wastewater infrastructure, \$10 million

Atlantic Intracoastal Waterway—Georgia section, to dredge problem areas, \$4 million

Banks County, for municipal water, stormwater and wastewater infrastructure, \$5 million

Bartow County, for master water plan, \$150,000

Berrien County, for municipal water, stormwater and wastewater infrastructure, \$5 million

Big Creek watershed in Roswell, for environmental restoration, \$5 million

Brunswick Harbor, for operation and maintenance funds for dredging the harbor, \$10.2 million

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, \$2 million

Chattooga County, for municipal water, stormwater and wastewater infrastructure, \$8 million

City of Atlanta, to improve surface water quality by providing combined sewer capacity relief to capture more stormwater and sewage flows and associated flood relief in several areas of the City, \$5 million

City of Bainbridge, for Flint River retaining wall, \$1.25 million

Cities of Fayetteville, Grantville, LaGrange, Pine Mountain, Douglasville and Carrollton, for municipal water, stormwater and wastewater infrastructure, \$24.5 million

City of Toccoa and Stephens County, for municipal water, stormwater and wastewater infrastructure, \$8 million

Georgia Institute of Technology, for co-firing in coal-fired power plants to perfect clean-coal technology, \$2 million

Savannah Harbor Expansion Project, for post-authorization planning, engineering, and design phase, \$3.2 million

The Port of Savannah is the second largest container port on the East Coast and is the fourth largest container port in the nation. This project was authorized under Section 102(b)(9) of the Water

Resources Development Act of 1999, Public Law 106-53. The Savannah Harbor Expansion Project is currently in a post-authorization planning, engineering, and design phase.

Georgia State University - University Science Park, to complete construction of University Science Park, \$3 million

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.

Meriwether and Spalding counties, for municipal water, stormwater and wastewater infrastructure, \$7 million

Metro North Georgia Water Planning District, for the construction of conveyance systems to connect both existing and planned wastewater infrastructure and facilities, \$20 million

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.

Moultrie, for municipal water, stormwater and wastewater infrastructure, \$5 million

Tybee Island, for beach feasibility study, \$250,000

University of Georgia, for a Development Liquid Fuels from Woody Biomass project, \$1.215 million

FINANCIAL SERVICES

City of College Park, to fund Entrepreneurial Development Center, \$500,000

The Entrepreneurial Development Center is a community sponsored non-profit business accelerator. The center's vision is to provide economic growth in College Park and the greater metro region through the development and expansion of entrepreneurial enterprise. The center is focused on creating local wealth for area re-investment by growing and cultivating corridor-based regional, national and international businesses.

City of Conyers, to fund Olde Town Conyers Redevelopment Initiative, \$750,000

Olde Town was once the epicenter of downtown Conyers. However, with the construction of Interstate 20, local businesses began to leave the area in order to be closer to the commuters traveling the new highway. Over time, historic buildings such as the old City Hall began to deteriorate and community and city leaders began to call for preservation efforts. As a result, in 2005 the city established a Downtown Development Authority to oversee the redevelopment of Olde Town.

FOREIGN OPS:

Georgia State University, for University Business Education Partnership (UBEP-Egypt), request support

Georgia State University in Atlanta, Ga., seeks funding for a University Business Education Partnership (UBEP-Egypt) that will serve to institutionalize world-class business education programs at Cairo University and develop strong relationships with the private sector for mutual support in meeting private sector needs and pursuit of business climate reform and corporate social responsibility.

Morehouse College, for Initiative for Global Leadership through the Internationalization of Curriculum and Student Experiences, request support

Through funding for the Initiative for Global Leadership, Morehouse College in Atlanta, Ga., will globalize its curriculum, as well as pursue student/faculty collaboration, exchanges, and leadership training in African countries.

HOMELAND SECURITY

City of Atlanta, Hartsfield-Jackson International Airport, to expand security checkpoint, request report or bill language to provide adequate staffing for airport security lane, report language request

Hartsfield-Jackson Atlanta International Airport is the nation's busiest airport in terms of passengers and aircraft operations. Nearly 12 percent of the nation's air traffic passes through the airport. The airport consistently faces passenger checkpoint wait times of 30 minutes or more, with some wait times reaching up to two hours. Long passenger queues delay the on-time operational status of Atlanta causing ripple effects throughout the entire aviation system. Lengthy passenger screening queue times also cause disruptions and delays for local passengers using the airport. The airport has proposed spending \$25 million in airport funds to provide seven additional passenger screening lanes and the Transportation Security Administration must equip and staff those lanes.

Requested Report or Bill Language: The Committee is aware that passenger screening wait times at Hartsfield-Jackson Atlanta International Airport continue to grow to unacceptable levels. The Committee further notes that the airport is planning to spend \$25,000,000 to add seven additional passenger screening lanes at their own cost increasing capacity by 28 percent. Therefore, the Committee directs the Administrator to equip and staff the additional lanes without delay.

Rural Policing Institute, to provide advanced and specialized law enforcement training to rural law enforcement officers that is otherwise inaccessible due to barriers not faced by urban agencies, \$6,500,000

The Rural Policing Institute will provide law enforcement training programs for the rural policing community that are otherwise inaccessible and meet the contemporary needs while being consistent with the Federal Law Enforcement Training Center's Office of State and Local Training mission. Training will be developed and delivered to meet the needs of the rural officer nationwide.

Initial funding will be used to create a business plan for the Rural Policing Institute that includes the following: an achievable expenditure plan, including a human capital investment plan; a strategy for evaluating the needs of the rural law enforcement community; an outreach effort to rural law enforcement; no duplication or displacement of existing training programs; identify and collaborate with potential partners and stakeholders in the development of new training programs to include a validation process to measure training outcomes.

The Federal Law Enforcement Training Center's Office of State and Local Training has a Rural Policing Institute project team working on an implementation plan guided by the language of the authorization bill, Public Law 110-53, 121 STAT. 327; Sec.513, which was enacted on August 3, 2007.

INTERIOR:

Chattahoochee National Recreation Area, for assistance in acquiring Hyde Farm, \$3,100,000

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.

Chattahoochee-Oconee Riparian Project, for the acquisition and conservation of the Cedar Creek Tract in the Chattahoochee National Forest, \$4,000,000

The Chattahoochee National Forest was established in 1937 by the U.S. Forest Service and today covers approximately 750,000 acres in 18 north Georgia counties.

City of Albany, for wastewater/storm water management, \$5,000,000

City of Atlanta, for waste and storm water management, \$2,000,000

City of Dallas, for wastewater management, \$2,000,000

City of College Park, for the extension of drinking water and wastewater services, \$1,000,000

City of Columbus, to complete construction of its Biosolids Flow-Through Thermophilic Treatment National Advanced Demonstration Project, including the renewable energy element for national demonstration, \$500,000

City of East Point, for drinking water and wastewater infrastructure, \$1,000,000

City of Macon, for storm water infrastructure rehabilitation, \$1,500,000

City of Roswell, for managing storm water and improving protection of water quality, \$500,000

Coastal Heritage Society, for the program Save America's Treasures for the restoration of the 1925 Coach shops, \$300,000

Founded as a maritime history organization in 1975, the Coastal Heritage Society is a 501(c)3 nonprofit organization employing more than 120 people and managing more than \$30 million in public resources in Savannah, Georgia. Historically used to repair and overhaul passenger cars, the Coach and Paint Shops were built in 1925 to replace two earlier Central of Georgia buildings destroyed in a 1923 fire.

Georgia Institute of Technology's Georgia Water Resources Institute, for the program to continue providing a mechanism for promoting state, regional, and national coordination of water resources research and training and a network of Institutes to facilitate research coordination and information and technology transfer, \$8,775,000

The Georgia Water Resources Institute at the Georgia Institute of Technology was authorized by the U.S. Congress through the Water Resources Research Act of 1964 (P.L. 101-397). The Georgia Water Resources Institute mission is to help improve water resources management in Georgia, the United States and the world through innovative new research, education, technology transfer, and information dissemination.

Metropolitan North Georgia Water Planning District, for watershed management, wastewater treatment and water conservation, \$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.

Silver Lake and the Conservation Fund, to help permanently conserve 8,342 acres known as the Silver Lake tract, \$3,500,000

Tybee Island, for drinking water, wastewater, storm water, and water quality protection, \$175,000

LABOR/HEALTH AND HUMAN SERVICES:

African-American Male Initiative at Albany State University, for general operating support, \$800,000

To increase the number of African-American males who enroll, matriculate, and graduate from college in Southwest Georgia, Albany State University in Albany, Ga., has implemented an African-American Male Initiative that supports their goals for college attendance. Albany State University will implement three program components within the initiative to prepare students to access and successfully compete in higher education. The funding will be used for personnel, scholarships, assessments, and supplies to support this ongoing initiative.

Atlanta Workforce Development Agency - Atlanta Technical College/City of Atlanta Collaborative Healthcare Training Initiative, to assist in meeting the demand for training, \$150,000

The escalating cost of healthcare has contributed to concerns about access, especially for low-income people. Training programs that allow certain healthcare functions to be performed by technicians rather than doctors and nurses has been accepted as one way to lower cost. For the entire Atlanta region, the Georgia Department of Labor projects that 28,380 healthcare workers will be needed in addition to 17,090 hospital industry workers and 2,910 workers in nursing and residential care facilities. The purpose of this request is to assist the project partners, Atlanta Technical College and City of Atlanta/Atlanta Workforce Development Agency, in meeting the demand for training in the high-growth healthcare areas that will provide employment opportunities for high school graduates. The project enrolls 11th and 12th graders in a 10-week summer training program at Atlanta Tech resulting in certification as nursing assistants, patient care technicians and pharmacy technicians.

Center for Behavioral Neuroscience at Georgia State University, to develop and expand model program for improving science education, \$750,000

Georgia State University in Atlanta, Ga., requests funding to continue to develop and expand a model program for improving science education that involves a dynamic partnership between colleges and universities, school systems, community educational organizations and the life sciences industry. This unique partnership is working to improve K-12 science literacy by improving the science content knowledge of teachers, assisting teachers with curriculum development and implementation, and providing programs that get students excited about science. The specific programs for this initiative involve a series of teacher professional development workshops, of which two prototypes are currently being developed for implementation this year (2008), followed by on-site assessment in actual classrooms during the academic year. These initial workshops focus on only a few school systems and will serve as the basis for a larger, expanded effort to provide professional learning experiences in science to K-12 teachers across Georgia.

Clark Atlanta University Center for Cancer Research and Therapeutic Development, to acquire necessary equipment, \$1,012,636

Clark Atlanta University seeks to expand and enhance its biomedical science program in cancer research and education at the Center for Cancer Research and Therapeutic Development, which is

focused on the impact of prostate cancer in the African-American community. The project's mission is to develop and carry out highly productive research in cancer cell biology and contribute in the development of successful therapeutic strategies to combat cancer. Funds will be used to help acquire necessary equipment for our research facilities that would enhance our research potential. The center promotes federally supported research through its focus on the development of a nationally-recognized research program in prostate cancer and its impact in the African American community.

Coastal Heritage Society, for exhibits at the State Railroad Museum of Georgia, \$700,000

The railroad portion of the Battlefield Park site was designated in 1997 as the State Railroad Museum of Georgia. The portion of the site designated as the railroad museum consists of "the storehouse and carpentry shop complex." The storehouse has about 10,000 square feet. Approximately 2,500 square feet has been set up as displays and exhibits relating to site history. These exhibits were first opened around 1990. Some of them are still open to the public, but many items have been removed for repairs on the roof and windows, installation of HVAC system, and other renovations. Upon completion of the infrastructure work, the storehouse will again house the full host of exhibits relating to the role of railroads in the development of Georgia. These exhibits will use items currently in the Society collection, as well as items to be donated from private collections, plus interpretive displays and the collection of historic rail cars outside of the storehouse.

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

Nationally and locally, the high number of high school dropouts affects communities on a multitude of levels including the reduction of a skilled work force, reduced tax base, and numerous quality of life issues. Originally funded by the Bill and Melinda Gates Foundation and the Georgia Department of Education, Communities in Schools of Georgia would use federal funding to ensure the continuation of the Performance Learning Centers throughout the state, which in turn will positively influence the high school graduation rate in Georgia. The money will be used to purchase and install computers, buy students' furniture, provide staff training, and expand the concept in various schools. The concept strives to employ the full resources of the community into schools in order to help youth stay in school, achieve academically, and prepare for life.

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

In January 2006, Armstrong Atlantic State University in Savannah, Ga., created the Cyber and Homeland Security Institute as part of its existing Cyber Security initiative. The goal is 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. The Cyber and Homeland Security Institute at Armstrong Atlantic is currently working on a proposed Bachelor of Arts degree in Cyber Security and Investigation Technology. The degree program will address cyber security from various perspectives to include security of large corporations, critical infrastructure protection, and the on-line capabilities of criminal and terrorist organizations. The proposed funding would be used for salaries, research equipment, laboratory technology and a state-of-the-art distance learning classroom.

Darton College, to address the shortage of biomedical technicians in southwest Georgia, \$2,200,000

This program addresses the shortage of Biomedical Technicians in southwest Georgia. The collaboration between Darton College, Albany State University and Albany Technical College will provide biomedical technicians and biomedical/technology education, develop a comprehensive well educated workforce in the wide range of biomedical/technical fields, develop technology infused effective curricula for all participating postsecondary biomedical/technology programs, attract students to these fields of study, and work with the regional Chambers of Commerce to attract new industry to the region. By providing a skilled workforce, this collaboration will assist in attracting biotechnology firms to southwest Georgia.

Emergency Care/Trauma Center at Grady Memorial Hospital, to upgrade equipment and technology, \$1,500,000

Grady Hospital in Atlanta, Ga., has embarked on a long-term strategic and capital planning process and has identified capital needs totaling approximately \$600 million to upgrade its medical equipment, information systems technology and facilities with annual expenditures totaling approximately \$50 million. As part of this process the organization has identified an immediate need to upgrade equipment and technology in the Emergency Care/Trauma Center. The Emergency Care/Trauma Center is the front line in the event of a disaster, a training site for Ranger/Medics, and Grady Memorial Hospital's front door – more than 60 percent of the patients admitted to the hospital are admitted through the emergency department. The center is also a major research and training site. The project will improve patient care, operational efficiencies, reduce energy and other costs, and support on-going and future research projects.

Georgia State University, for the Atlanta Center for the Promotion of Emergency and Primary Health Systems Effectiveness, \$100,000

The proposed Atlanta Center for the Promotion of Emergency and Primary Health Systems Effectiveness at Georgia State University will reach out to health care systems that serve low-income urban areas throughout Georgia and the Southeast. Support for the establishment of the Atlanta Center for the Promotion of Emergency and Primary Health Systems Effectiveness will enable a strong coalition of researchers, providers and residents to expand upon and refine their current work aimed at improving access to primary care for low-income urban residents and to the enhance the efficiency among emergency medical services in those same areas.

Georgia State University Research Foundation, to address higher education security and policy compliance, \$2,000,000

The Board of Regents of The University System of Georgia is seeking funding support to address higher education security and policy compliance. The University System of Georgia effort, guided by multi-disciplinary investigators representing Georgia State University and Albany State University and teamed with industry experts in risk management, will develop and pilot a compliance model for U.S. campuses. The University System of Georgia pilot will be a replicable and scalable model to assess, evaluate and report on compliance to statutory and regulatory policy obligations at the federal and state levels.

Health Sciences Building at Kennesaw State University, to support construction and equipment costs, \$2,000,000

Kennesaw State University in Kennesaw, Ga., is taking steps to assist in alleviating Georgia's nursing deficit by constructing a new \$60 million Health Sciences building. The University System of Georgia has already approved \$47 million towards this project and Kennesaw State has committed to raise the remaining \$13 million in private funds. The result of this initiative will include: increased number of health care professionals, improved health care for Georgians, and innovation in research and scholarship. The funds will be utilized to support construction and equipment costs for this building project.

Liberty Regional Medical Center, Perinatal Department expansion, \$2,000,000

Liberty Regional Medical Center in Hinesville, Ga., requests funding for expansion of its Perinatal Department. This expansion is needed to accommodate the significant growth taking place at Fort Stewart, Ga., and in Liberty, Long, and McIntosh counties. The medical center is the only hospital in a three-county area. Its Perinatal Department was designed to accommodate 30 deliveries per month and 40 observation patients per month. In 2007, the department averaged 42 deliveries and 75 observation patients per month. The number of babies delivered and observation patients treated significantly exceeds the physical capacity of the department.

Making a Difference in Rural Public Health at Georgia Southern University, to employ strategic planning efforts, \$390,439

On January 14, 2004, the Georgia Board of Regents established the first School of Public Health in the University System of Georgia, housed at Georgia Southern University in Statesboro, Ga. One of the missions at the School of Public Health is to promote the improvement of health status and quality of life of individuals in rural Georgia by creating successful partnerships with community organizations, faculty and students. A new project entitled "Making a Difference in Rural Public Health," will use community driven strategic planning efforts for the purposes of improving the health status of rural residents.

Marcus Institute for Well-Child Treatment, to provide services to additional families, \$1,000,000

The services available at the Marcus Institute in Atlanta, Ga., are the only services of their kind in the Southeastern United States and have an extensive waiting list. 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. Additional funding will allow the Marcus Institute to provide services to an additional 1,000 families per year that are affected by developmental disabilities and by a lack of parenting skills.

Morehouse College, for the Morehouse Male Initiative, \$1,000,000

Morehouse College in Atlanta, Ga., 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. The knowledge gained will then be used to implement a program that fosters greater success for African-American male students.

Museum of Aviation, to fund multidisciplinary educational programs, \$350,000

The unique educational mission of the Museum of Aviation at Robins Air Force Base in Warner Robins, Ga., is to inspire the lifelong interest in sciences, applied mathematics and technology that is crucial for the United States to meet the workforce and defense challenges of the 21st century. The Museum's educational programs are aligned with National Science Education Standards and other state/national goals and objectives, in support of the No Child Left Behind Act and the President's 2006 American Competitiveness Initiative. Funding will support program administration, curriculum development, salaries of the Director of Education and teachers, plus the supplies/equipment necessary to carry out the Museum of Aviation Flight and Technology Center's six education programs, and to purchase books and other learning materials for the Teacher Resource Center.

Parks Nursing and Health Sciences Building at Georgia College and State University, to equip with instructional technology, \$451,304

The Georgia Department of Labor projects that Georgia will need more than 140,000 new and replacement health care professionals by 2010. In 2006, the state of Georgia, through the University System of Georgia awarded \$12 million to Georgia College and State University in Milledgeville, Ga., for the renovation of its historic Parks Nursing and Health Sciences building. This funding would allow the university to equip eight classrooms, two computer labs, one nursing skills lab and three seminar rooms with the instructional technology needed to meet the needs of nursing students in both undergraduate and graduate nursing programs.

Shepherd Center, for necessary equipment, \$750,000

Shepherd Center in Atlanta, Ga., has been helping patients through difficult and life-changing experiences for more than three decades. Each year, the Center admits hundreds of patients and conducts thousands of outpatient clinic visits. By focusing on highly-specialized care, Shepherd Center has developed a unique expertise and has become a nationally respected model for rehabilitation, as well as a leading facility for research. Requested funds will be used for one-time capital expenditures at Shepherd Center. These funds will be used to purchase equipment needed for the neuro-recovery lab and equipment for translational research lab, as well as to pay operational expenses for clinical programs and operational expenses for translational research lab.

Southeastern Center for Emerging Biologic Threats at Emory University, to support ongoing activities, \$750,000

The Southeastern Center for Emerging Biological Threats at Emory University in Atlanta, Ga., 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 early intervention and home/outpatient programs to assist Alzheimer's disease patients, \$700,000

Southeast Georgia Health System in Brunswick, Ga., seeks to implement a novel model of care for those suffering from Alzheimer's Disease. The goal of the project is to establish an early intervention and home/outpatient program to assist Alzheimer's disease patients and their families in southeast Georgia. The program will assist in delaying the progression of the disease and its human suffering, and reduce the related health care costs of the illness. The funding would be used for materials, salaries and special supplies needed for patients.

Southwest Georgia Poverty Project at the University of Georgia, for applied research demonstration project, \$1,250,000

The University of Georgia in Athens, Ga., is undertaking an applied research demonstration project in a nine-county region of southwest Georgia (Calhoun, Clay, Early, Quitman, Randolph, Stewart, Sumter, Terrell and Webster counties) to develop innovative methods to bolster workforce and leadership development, and provide strategic planning and technical assistance in the area of community housing. The University of Georgia's Study on Persistent Poverty in the South identified multiple policies and initiatives for alleviating the cycle of persistent poverty. Three areas of particular importance are workforce development, community housing, and leadership development. Building on this finding, researchers from the University of Georgia's Initiative on Poverty and the Economy, Fanning Institute, and Housing and Demographics Research Center propose to expand ongoing efforts at poverty reduction in nine of the poorest counties in southwest Georgia.

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

The Spelman College Black Women's Health Initiative in Atlanta, Ga., 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. The Center's focus on women's health addresses a national need to develop leaders who can engage in research on issues that disproportionately impact the health status of women of African descent.

Spelman College, 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.

St. Mary's Health Care System, to construct Alzheimer's facility, \$250,000

St. Mary's Highland Hills Village in Bogart, Ga., is currently developing plans to construct a 31-bed Alzheimer's facility as an addition to its existing assisted living facility. St. Mary's would utilize the additional beds as either Alzheimer's or assisted-living beds in a manner that would respond to the changing needs of seniors. The 31-bed unit would not only provide a full continuum of care, but could allow Highland Hills Village to further expand access through possible future addition of a long-term care facility. The funding would go toward construction and the purchase of equipment for this new facility.

Sumter Regional Hospital, for rebuilding Sumter Regional Hospital, \$13,000,000

Sumter Regional Hospital in Americus, Ga., was destroyed on March 1, 2007, by a tornado. It serves the 2nd District of Georgia and the 10-county Middle Flint Region of Georgia, about 60,000 residents. The loss of medical services is detrimental to the health and well being of the community as well as a huge economic loss for the area. About 46 percent of the patients the hospital serves are enrolled in Medicare or Medicaid, and 14 percent are considered noninsured and indigent. Sumter Regional Hospital is designated as a Health Professional Shortage Area, as well as an HHS Medically underserved area. With limited options for adequate healthcare in this area, a large and significant number of elderly and low-income residents will be without medical options. Funding is needed for the hospital to be able to match the rebuilding costs as required by FEMA.

University of Georgia, for RNAi Therapeutic Drug Platform Delivery Technology Development, \$1,178,000

This project will advance the development of aerosol delivery platforms for therapeutic drug delivery, particularly RNA interfering, or RNAi, therapeutic drugs for respiratory viruses. This platform delivery technology will also be beneficial for aerosol delivery of other drugs needed to combat diseases such as lung cancer, cystic fibrosis and asthma. The research in this proposal would develop an aerosol delivery platform using the CDC evaluated nebulizer for delivery of RNA interfering drugs targeting important viral diseases such as respiratory syncytial virus and influenza virus. Currently, there are several aerosol delivery devices commercially available, but none represent platform technology to administer inhaled RNAi or related drugs for respiratory viruses. Funding of this project will facilitate development of critical aerosol delivery enabling technology for use by CDC and other governments in fighting highly contagious viral diseases.

Wayne Memorial Hospital, for ongoing construction project, \$1,382,000

Wayne Memorial Hospital in Jessup, Ga., is a rural acute-care facility located in Jesup, Ga. Originally constructed in 1957, the hospital has undergone several renovation and expansion projects. This piecemeal expansion of the facility over the past five decades has resulted in a sprawling and inefficient building that strains the hospital's resources, hurts staff productivity and jeopardizes the community's confidence in the facility as a quality healthcare provider. As a result, Wayne Memorial Hospital proposes to replace its 128-licensed-bed facility with an 84-licensed-bed hospital. The facility was originally constructed in an environment that focused on inpatient care and does not have the space to accommodate needed outpatient services and support areas that are so essential in the delivery of care today. The new hospital will have almost 35 percent more space allowing for greater square footage per licensed bed and well-designed space for modern outpatient services and administration and clinical support teams.

MILITARY CONSTRUCTION:

Dobbins Air Reserve Base, to construct a new control tower, \$6,450,000

Dobbins Air Reserve Base in Marietta, Ga., is requesting a new control tower to replace the existing control tower, building 738. The cost is based on a nine-story control tower building. The present control tower is over 40 years old and was built when the runway was much shorter. The current tower's control cab does not meet current regulatory requirements for space and contains outdated, unreliable equipment. The new tower shall be built in accordance with current FAA and Air Force Standards. This completed project shall be able to receive a U.S. Green Building Council Leadership in Energy and Environmental Design rating of "Silver."

Fort Benning, to construct new infrastructure in the Good Hope Maneuver Area, \$21,000,000

Fort Benning, near Columbus, Ga., is seeking funds to construct new infrastructure in the Good Hope Maneuver Area, an area available to joint training. The proposed construction includes roads, signs, low water crossings and turning pads. The existing roads will not support the increased tracked vehicle traffic associated with current training operations. Without the construction, safe and efficient access to training land and facilities will be limited.

Fort Gordon, to build a child development center, \$7,800,000

Fort Gordon in Augusta, Ga., is seeking a 232-child capacity child development center for children ages 0-5 to support the local defense community. The new center is needed to correct deficiencies in the existing center that threaten its accreditation. The existing center was built prior to current standardized design requirements. The facility's design creates raises significant concerns impacting child egress during emergencies such as a fire, blind spots within the facility posing a risk to child safety, and general concerns such as doors opening the wrong direction. A new facility is necessary to address these safety concerns and preempt a future tragedy.

Fort Stewart, to build a child development center, \$2,000,000

Fort Stewart, near Hinesville, Ga., is seeking a 244-child capacity child development center for children ages 0-5 to support the local community. The center will include an outdoor playground, video surveillance systems, connection to energy monitoring and control system, and storm drainage. Existing Fort Stewart child development centers are not adequate to meet the increasing population due to the incoming brigades as a result of the Base Realignment and Closure initiative. The lack of accredited child care services is resulting in reduced spouse work hours, higher child care fees and lower quality of life.

Marine Corps Logistics Base, to build a weapons storage and inspection facility, \$9,340,000

The Marine Corps Logistics Base in Albany, Ga., is requesting a new weapons storage facility, which will be located on its weapons storage, repair and testing compound. The current weapons storage facility consists of three bays in a general purpose warehouse in the warehouse district of the base. This facility lacks security fencing, adequate lighting and sufficient humidity control. The new facility will provide proper security over stored weapons within a single weapons compound and allow facility employees to perform proper maintenance without extreme environmental stress.

Moody Air Force Base, to build a rescue operations/maintenance group facility, \$8,900,000

Moody Air Force Base in Valdosta, Ga., is seeking a consolidated Operations and Maintenance Group Headquarters to ensure effective coordination and control of related command functions. Currently, the Maintenance Group is in a deteriorating wood frame facility. The Rescue Operations Group is located in one of the A-10 Fighter Squadron facilities, approximately two miles away from its own squadrons. The distant location negatively impacts command's ability to assess and respond to events on the airfield. Collocation of these two groups in a new facility will significantly improve situational awareness, collaborative efforts and operational efficiency.

Naval Submarine Base Kings Bay, to build an addition to a limited area reaction force facility, \$5,670,000

This project at Naval Submarine Base Kings Bay in Kings Bay, Ga., supports the Nuclear Weapons Security Program by constructing a 5,000-square-foot addition to the limited area reaction force facility for additional command and control electronics, two additional garage spaces for larger reaction force armored vehicles, and additional headspace for females. The high security classification facility serves as a command and control center, recreation, and extended housing for Marines and Navy personnel while on duty.

Robins Air Force Base, to build an avionics facility, \$5,250,000

Robins Air Force Base in Warner Robins, Ga., is requesting an avionics facility to conduct organic repair capability and test capability for over 200 different line replaceable units in support of the E-8C and B-1B fleets. The facility will further provide first-article testing of new test equipment and avionic components, and proof time-compliance technical orders resulting in improved project management schedules and repair cost factors.

Savannah Air National Guard, to fund construction of troop training quarters, \$7,300,000

The Savannah Georgia Air National Guard Combat Readiness Training Center in Savannah, Ga., is requesting a 156-troop capacity facility to provide the base support functions to rotating units conducting their two-week deployment annual certification cycle. The current troop facilities have not been upgraded since 1950 and fail to meet the National Fire Protection Association and Air National Guard Engineering Technical Letter safety regulations. The current troop quarters facilities do not provide the adequate space and safe structures to support the continuous unit training cycle.

TRANSPORTATION, HUD:

Albany, for Multimodal Center, Report Language Request

Requested Report Language: The Committee directs the Federal Transit Administration to refrain from reallocating the unobligated funds provided to this project in the Fiscal Year 2006 and prior years' appropriations acts.

Athens-Clarke County Transit, for bus procurement in coordination with University of Georgia, \$1,400,000

Funds will provide capital assistance in the purchase of replacement transit buses at the University of Georgia.

Atlanta BeltLine, for environmental analysis, \$1,800,000

Funds will continue the major transit project's environmental analysis for the development of a transit/transportation corridor, including a 22-mile rail-based transit system serving 45 neighborhoods, existing and emerging activity centers and regional destinations to include four existing MARTA stations and the proposed Peachtree Streetcar.

Atlanta Botanical Garden, to aid in construction of Canopy Walk project, \$850,000

Funds will aid in the construction of a 600-foot canopy walk. The project will complement the Atlanta Botanical Gardens project on educational and experiential programming on forest ecology, ecosystems and conservation.

Atlanta Fulton County Zoo, for implementing environmentally protective construction practices and systems, \$500,000

The Atlanta Fulton County Zoo strives to inspire the citizens of Atlanta and Georgia and all visitors to the zoo to value wildlife on earth and to help safeguard existing species through conservation. Funds will be used to implement environmentally protective construction practices and systems in the new Reptile and Amphibian Complex

Bouldercrest Road from I-285 to Clayton County Line, for road widening, \$2,000,000

This is a regional road improvement project that will provide much-needed improvements related to pedestrian safety.

Brunswick Golden Isles Airport, for improvement projects, \$4,000,000

The current general aviation area at the Brunswick Golden Isles Airport has been fully developed. There is a significant need for additional taxiways to be constructed to the west and south to allow for development of additional hangars. This project will facilitate the initial phases of construction of new taxiways, taxilanes, drainage, airfield lighting and relocation of a major drainage ditch to allow for the orderly development of the area.

Bruton Smith Parkway, for improvements, \$250,000

The project in Henry County will include the design and construction of enhancements to the I-75/Bruton Smith Parkway interchange. Phase II of this project will include design and construction of improvements to Bruton Smith Parkway between I-75 and Atlanta Motor Speedway, including multi-modal transportation pathways, uniform directional and race-themed signage, landscaped berms and buffering, and additional frontage roads to ensure highway improvements are not negated by uncontrolled growth and development.

Cartersville Airport, for runway extension, \$3,517,665

The project will extend the runway for safety and economic impact.

Center for Civil and Human Rights Partnership, for facility construction, \$2,000,000

The Center for Civil and Human Rights Partnership in Atlanta, Ga., plans to construct a 100,000-square-foot civil rights museum and visitor center in downtown Atlanta.

City of Atlanta's Department of Watershed Management, for streetscape initiative, \$750,000

In complying with the federal consent decrees, the city of Atlanta's Department of Watershed Management must resurface streets and sidewalks destroyed by construction in the areas adjacent to sewer rehabilitation projects.

City of Dahlonega's Downtown Development Authority, for streetscape initiative, \$392,000

Funding will be used to design and implement a master plan that utilizes appropriate sidewalks, greenery, period lighting and signage to enhance pedestrian safety and tourism.

City of Forsyth, for renovation of the former Tift College, \$657,000

The state of Georgia has announced the relocation of the Department of Corrections from its current offices in Atlanta to the former Tift College in Forsyth, Ga. Moving the department's headquarters to Forsyth will relocate up to 400 central office staff to the Tift College campus with an estimated annual payroll of \$25 million. While the relocation of the Department of Corrections to the former Tift College is a welcome opportunity for Forsyth, it also brings challenges that the city must address. This funding is a necessary component of the \$30 million-plus cost of the project. It will help ensure that the city of Forsyth is prepared to house adequately the state Department of Corrections.

City of Powder Springs, for renovations and construction of a cultural arts center, \$885,000

The purpose of the project is to complete the next phase of renovations and construction of the Coach George E. Ford Cultural Arts Center. The center was founded to provide citizens of west Cobb County, in particular its disadvantaged youth and senior citizens, with a venue to pursue social, educational, cultural and self-enrichment activities.

City of Vienna, for public safety facility project, \$3,000,000

The City of Vienna is proposing to build a public safety facility to house all four public safety departments under one roof.

Clifton Corridor at CSX Railroad, for replacement and realignment, \$2,000,000

The proposed project in DeKalb County will replace the bridge with a larger span and realign the road to be consistent with the master plan for Emory University.

Coastal Heritage Society, for restoration of historic paint and coach shops, \$330,000

Founded as a maritime history organization in 1975, the Coastal Heritage Society is a nonprofit organization managing more than \$30 million in public resources in Savannah, Ga. Funds will aid in the revitalization and repair of the Central of Georgia Railway Historic Paint and Coach Shops.

Cumberland Parkway / U.S. 41, for expansion, \$2,000,000

The project will expand US 41 with additional travel lanes, turn lanes and expanded bridge capacity.

Georgia Regional Transportation Authority Xpress Commuter Coach Service, for Phase II expansion, \$8,000,000

Funds will be used to expedite the expansion of the Georgia Regional Transportation Authority Xpress Regional Commuter Coach.

Hartsfield-Jackson Atlanta International Airport, for taxiway M improvements, \$25,000,000

The project will develop taxiways to more efficiently move aircraft around the airfield and improve safety by reducing the amount of taxiing required on active runways.

MARTA, for clean fuel buses and facilities, \$1,400,000

The purpose of this project is to acquire up to 30 new modern, clean fuel compressed natural gas buses to replace existing 1996-model buses, as well as related support facilities.

Morehouse College, for Martin Luther King, Jr. research and education initiative, \$10,000,000

Morehouse College in Atlanta, Ga., plans to develop a program and leadership structure to catalogue and preserve Dr. Martin Luther King Jr.'s letters and documents, and to develop a program of scholarly research and collaboration, curriculum and course development, scholarly forums and public access, so that Dr. King's message and teachings can be better understood by the world.

Moultrie, for Georgia Intermodal Center, report language request

Requested report language: The Committee directs the Federal Transit Administration to refrain from reallocating the unobligated funds provided to this project in the Fiscal Year 2006 and prior years' appropriations acts.

Moultrie, for intermodal facility, \$500,000

The funding will be used for continued construction of the Moultrie Intermodal facility.

Paulding County, for land acquisition, site preparation, engineering and construction, \$6,300,000

Funding will be used to construct the first general aviation airport in more than 20 years in the state of Georgia and in seventh fastest growing county in the country.

Paulding County Airport and Business Technology Park, for industrial park site preparation, \$970,000

Paulding County seeks to focus its economic development efforts for recruiting new business and balancing its thriving new-home building industry with sustainable jobs and businesses such as distribution and technology industries. The county hopes to encourage balanced, sustainable growth in this fast-growing county.

Peachtree Road Corridor Project, for improvements, \$6,000,000

Funds will be used for roadway operations, safety and pedestrian network improvements.

Phoebe Putney Health System, for construction and renovation, \$400,000

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 be used for clinical trials, health and prevention training and seminars in cooperation with local department of community health.

Richard B. Russell Regional Airport, for improvements, \$2,573,000

The project will enhance the safety and security for the Russell Regional Airport in Rome, Ga., through improvements to the taxiway, security, and the north terminal.

Rockdale County, for Commerce Crossing Bridge, \$1,000,000

“Commerce Crossing” is a proposed non-access bridge across I-20 that would relieve traffic congestion at the SR 138 and I-20 interchange while providing a vital link between the community’s primary retail district and SR 138.

SR 1 / Turner McClall Boulevard from Riverbend Drive to MLK Boulevard Turn Lanes, for intersection improvement, \$5,000,000

The project in Rome, Ga., will improve the intersection to reduce congestion and promote traffic flow.

Southwest Georgia Regional Airport, for improvements, \$1,500,000

The airport in Albany, Ga., needs to replace vital electrical components that have exceeded their useful life, including lighting vault, airfield signage, taxiway LED lighting, rotating beacon and pilot-controlled lighting system.

Third Army Road/I-75, for interchange construction, \$2,000,000

The project will construct a fully directional interchange at I-75 and Third Army Road near U.S. 41 to provide direct access to the interstate for Cobb, Bartow and Paulding counties.

YWCA of Northwest Georgia, for facility construction, \$1,000,000

The YWCA of Northwest Georgia in Marietta, Ga., plans to build a 50-56 bed shelter as the need continues to grow to provide a safe haven for victims of domestic violence.

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