

Agriculture

1890s Extension Program, \$35,850,000, 1890s Colleges and Tuskegee University

This CSREES program provides funding to support extension activities at the 1890a Institutions in order to provide useful, research-based educational opportunities that respond to the changing needs of limited-resource clients.

Agriculture Water Policy, \$891,000, Albany, GA

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

Agriculture Water Use, \$200,000, Athens, GA

The purpose of this project is to develop web-based systems and in-field practices to provide water conservation alternatives that are distinct, direct, and economical.

Altamaha River Basin Quality, \$100,000, Statesboro, GA

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

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

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

Cereal Rust Disease, \$1,000,000

A nationally coordinated initiative to support cooperative USDA-ARS and Land-Grant university cereal rust research efforts in twenty nine states where personnel, expertise, and facilities are already established to address the threat posed by highly virulent and aggressive new races of stem, leaf, and stripe rusts such as rapidly spreading African Stem Rust, that threaten world food stability and US production of barley, oats, and wheat.

Chronic Disease of Children \$508,000, Houston, TX

Ongoing, cooperative research between the Children's Nutrition Research Center at Houston, TX, the Baylor College of Medicine and the Peanut Institute, which is examining ways to prevent the onset of chronic diseases and the growing problem of overweight children.

Clean Energy Clean Water, \$580,000, Tifton, GA

The purpose of this project is to determine the effectiveness of using conservation buffers as sources of biomass for biofuel production while simultaneously maintaining the

environmental quality benefits. This is a joint project between University of Georgia and USDA ARS Southeast Watershed Unit.

Cotton Insect Management and Fiber Quality, \$494,000, Tifton, GA

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

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

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

Energy from Fruit and Vegetable Byproducts, \$150,000, Athens, GA, Tifton, GA

Fruit and vegetable production has been growing rapidly in Georgia but rising energy costs are just as rapidly reducing the profitability of the industry. One solution to the industry's energy crisis is to produce biofuels on the farm. Unmarketable fruits and vegetables can be converted into one or more energy sources to be used on the farm or marketed; the goal of this University of Georgia project is to evaluate the best techniques for producing energy from these sources.

Enhancing Agriculture Profitability and Sustainability, \$750,000, Athens, GA (joint project)

This project will aid the development of profitable production systems of wholesome, safe and nutritious specialty crops and promote sustainable, local production, and healthy foods. This is a joint project between University of Georgia, University of Arkansas and Arkansas State University

Evans Allen Program, \$41,051,000, 1890s Colleges and Tuskegee University

This CSREES program provides funding to support agricultural research at the 1890 Land-Grant Institutions, including Tuskegee University. Funds are distributed to eligible institutions under a statutory formula.

Fiber Production Methods, \$0, Report Language

Report language is requested to develop improved integration of research on cotton quality from harvest to gin to mill through collaborations with the USDA/ARS Cotton Quality Research Unit, Clemson, SC and the University of Georgia Tifton Micro Gin.

Flint River Soil and Water Conservation District--TIMMARS Project, \$1,500,000, Albany, GA

Water conservation in agricultural production practices is key for a producer to succeed. It is important for agricultural producers to be able to conserve and efficiently use the water resources that are available. The TIMMARS program is a research project that defines best irrigation management practices (BIMPS) utilizing the latest technologies

(soil moisture and temperature probes, telemetry systems, remote video cameras, computers, and other IT solutions), available to growers, farmers, and producers.

Future Farmstead, \$500,000, Tifton, GA

This University of Georgia project will address the development and use of advanced technologies to improve the net output of food fiber and bio-fuels from our Nation's farms through improved efficiencies and production.

Geographic Information System, \$1,665,445, Valdosta, GA (portion of funds)

To help rural America understand how to use geospatial technologies effectively so that better informed decision making can be brought to bear on the many land use, resource protection, economic development, disaster prevention, and management decision. The program is administered by the RGIS national consortium.

Georgia Soil and Water Conservation Commission Cooperative Agreement, \$3,663,000, Athens, GA

The Georgia Soil and Water Conservation Commission utilizes federal funding to provide incentives for agricultural producers to wisely conserve water and construct/repair agricultural water storage facilities.

Glyphosate Resistant Palmer Amaranth Research, \$150,000, Tifton, GA

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. Research will be conducted by the University of Georgia.

Inactivation of E.Coli, \$100,000, Athens, GA

The purpose of this project is to find better harvesting and processing strategies for leafy greens which will lessen the risk of transmission of Shiga toxin-producing Escherichia coli (STEC) to humans. The focus will be on natural, cost effective and safe compounds.

Initiative to Improve Blueberry Production, \$225,000, Griffin, GA, Tifton, GA

This initiative will provide Georgia blueberry growers with unbiased research to improve their production efficiency and quality of product delivered to consumers, which will enhance long-term economic viability of the industry. The University of Georgia will conduct the valuable research on its Griffin and Tifton campuses.

Integrated Fruit and Vegetable Research, \$240,000, Tifton, GA

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

Integrated Management of Topsovirus, \$200,000, Tifton, GA

Viral diseases of crop plants are estimated to cause up to \$50 million in losses annually. The goal of this project is to develop effective management strategies for topsoviruses in Georgia.

National Beef Cattle Genetic Evaluation Consortium, \$880,000, Athens, GA (joint project)

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

National Canola Research Program, \$830,000

The NCRP is a nationally coordinated and administered research program designed to meet the sustainable and emerging needs of the canola industry in the U. S. The NCRP ensures the greatest possible cooperation and interaction between participating universities and private sector sponsors on a state, regional and national basis.

National Sclerotinia Initiative, \$1,723,000

Sclerotinia is a serious fungal disease that affects most broad leaf plants. It has proven very difficult to control and minimize. The fungus generates hard, black bodies called sclerotia that can remain in the soil for many years. Coordinated research will be used minimize the devastating effects of Sclerotinia (white mold) on soybeans, canola, sunflowers, dry edible beans, and the pulse crop group consisting of dry peas, lentils, and chickpeas.

National Wild Turkey Federation: Education and Outreach, \$234,000

The National Wild Turkey Federation is seeking a continued federal partnership to implement a strategic plan of outreach programs to benefit children, women and disabled individuals by providing opportunities to learn or improve skills and to participate in outdoor recreational activities

Nematology Research, \$248,000, Tifton, GA

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

Nutrient Mineralization Rates, \$175,000, Athens, GA

The purpose of this University of Georgia project is an assessment of organic fertilizers, cover crops and compost for vegetable production in the Southeastern U.S. and development of a web-based tool for farmers to predict nutrient release.

Operation Oak, \$400,000

The Operation Oak Program is seeking a continued federal partnership with the National Wild Turkey Federation and NRCS to supply oak and other mast producing hardwood

species seedlings to meet the needs of timber production and wildlife management and to reverse the decline of hardwood regeneration

Phytophthora Research, \$238,449, Tifton, GA

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

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

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

Reducing Chronic Disease and Aging, \$500,000, Boston, MA

The Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University in Boston, Massachusetts and the Peanut Institute, will work jointly on a project to look at the role of peanuts in reducing chronic disease and aging.

Representative Farm Modeling Project, \$300,000, Tifton, GA, Griffin, GA, Athens, GA

The National Center for Peanut Competitiveness fosters collaborative research on the analysis of trade policy, production costs, production, processing and marketing of peanut and its impact on Southern rural economies. Results are applied to representative farms to illustrate the impact on farms throughout the peanut producing region.

Resource Conservation and Development Programmatic Funding, \$51,088,000

Funds provided to RC&D through appropriations provide technical assistance and support for one federal coordinator per council. There are 375 RC&D Councils serving 180 million people in 2,693 counties in all 50 states, the Caribbean , and the Pacific Basin. The funds provided through appropriations also provide administrative support to the coordinator and the NRCS. In turn, volunteer council members seek outside funding to address local needs identified in council area plans for conservation and economic development.

Rural Community Assistance Partnership, \$5,600,000

The RCAPs work with low income communities with fewer than 3,300 residents. The technical assistance will include some of the following types of activities: operation and management of water and sewer systems, compliance with state and federal water and wastewater regulations; adherence to RUS loan and grant procedures and requirements before, throughout, and after the construction of the system; maintaining proper financial management by utilities who have outstanding RUS loans; and conducting vulnerability assessments and developing emergency response plans.

Rural Water and Waste Disposal Circuit Rider Program, \$13,750,000

Circuit Riders provide the primary assistance small communities need to operate safe and clean water supplies – and comply with EPA water regulations.

Rural Water and Waste Disposal Program Account, \$563,000,000

A small town's viability is directly related to its water supply and sanitation. To overcome their limited economies of scale, smaller customer bases and lack of customer densities, rural communities have turned to USDA water loans and grants to build or extend water systems and repay the loans at reasonable rates and terms.

Rural Water and Waste Disposal Source Water Protection Program, \$3,750,000

This nationwide initiative provides each state with one full-time person to organize and assist rural communities, farmers and other land-use interests in the implementation of source water protection plans including non-point source (runoff) protection practices in agriculture regions.

Solar Power Irrigation, \$1,000,000, Byron, GA

This project will couple advancements in solar power and communications into a simple to use, cost-effective orchard irrigation, monitoring and control management system. Pecan will be the test crop in this joint project between USDA ARS Southeast Fruit and Tree Nut Laboratory and the University of Georgia.

Southeastern Poultry Research Laboratory, \$13,220,000, Athens, GA

Funding is requested for the planning and design of improvements to the Southeast Poultry Research Laboratory that will meet the long term research needs in terms of biocontainment laboratory and animal space for the Southeast Poultry Research Laboratory, Richard Russell Agricultural Research Center, and the Avian Disease and Oncology Laboratory.

Southern Piedmont Conservation Research, \$2,800,000, Watkinsville, GA

The purpose of this ongoing ARS research facility is to develop and transfer environmentally sustainable and profitable agricultural systems to land owners and managers in order to protect the natural resource base, build accord with non-agricultural sectors, and support healthy rural economies. As urbanization continues across the Southeast it is important that conservation practices for crop and animal production systems continue to be researched and improved.

Turkey Creek Reservoir Project, \$2,650,000, Vienna, GA

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

Urban Water Resource Initiative, \$600,000, Athens, GA

This University of Georgia initiative will provide Georgia stakeholders with unbiased research, education, and outreach focused on storm water management, sediment and

erosion control, onsite wastewater management, and the impacts of land use on water resources. All municipalities, counties and major industries need this information for their planning and policy development.

Water Use Efficiency and Water Quality Enhancements, \$489,000, Tifton, GA

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

Water Use Reduction, \$725,000, Dawson, GA

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

Watershed Planning, \$500,000, Athens, GA

This project will assist local communities in planning and engineering future reservoirs for water supply with allocated funds. The Georgia Soil and Water Conservation Commission and the USDA-NRCS, through a cooperative agreement, would provide funds to assist the local communities with the upgrades.

Transportation, Treasury, Housing and Urban Development

Albany-Dougherty Industrial Park Infrastructure, \$300,000

Construct infrastructure to develop a Certified Industrial Park

Athens-Clarke County Transit, Bus Procurement on behalf of the University of Georgia, \$1,400,000

Purchase replacement buses

Atlanta Beltline Environmental Impact Statement and Engineering, \$1,800,000

Environmental Analysis

Atlanta Critical Area Management System, \$5,000,000

Technology upgrades at Hartsfield Jackson Airport to help eliminate airfield congestion to improve safety and reduce delays

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

Resurface streets destroyed by sewer rehabilitation

Barnesville-Lamar County Industrial Site Development Project-Legacy Industrial Park, \$1,000,000

Complete improvements to the Legacy Industrial Park

Chatham Area Transit Bus Replacement, \$3,250,000

Replace 10 buses

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

Expand US 41 with additional travel lanes, turn lanes and expanded bridge capacity

Commerce Crossing Bridge over I-20, \$1,000,000

Construct a bridge across I-20 to relieve traffic congestion at the SR 138 and I-20 interchange

Covenant House Rights of Passage Facilities Expansion, \$1,000,000

To expand facilities to provide transitional housing programs to homeless and runaway youth including: vocational services, job and career readiness, life skills training, work placement, and job retention training programs.

Downtown Development Authority Streetscape, City of Dahlonega, \$392,000

To design and implement a master plan that utilizes appropriate sidewalks, greenery, lighting, and signage.

Georgia Regional Transportation Authority Bus and Bus Facilities, \$2,000,000

Implement Phase II of GRTA Xpress regional commuter bus service

Johnson Ferry Glenridge Corridor Improvements, \$3,000,000

Improve vehicular and pedestrian operations and reduce congestion

I-85 NB Viaduct at SR 400 NB Exit Lane, \$2,000,000

Widen the I-85 to SR 400N ramp to reduce congestion

Macon Transit Authority Bus Maintenance Facility, \$3,000,000

Replace obsolete bus maintenance facility

MARTA Mobility Brady Paratransit Facility, \$3,500,000

Upgrade and expand MARTA's paratransit operations and maintenance facilities on Brady Avenue

MARTA I-20 East Transit Corridor, \$3,500,000

To develop and complete a Draft Environmental Impact Statement for Phase I of the I-20 East Corridor Rapid Transit Line

Martin Luther King, Jr Research and Education Initiative, \$1,000,000

Preservation of the King papers and educational programming

Martin Luther King, Sr. Community Resources Service Center, \$1,000,000

To construct a Community Resources Services Center that will offer programs and services for children of single parents, youth, the homeless and welfare mothers.

Moultrie Community Multipurpose Facility, \$200,000

Construction of a facility to be used by the Chamber of Commerce and Economic Development Authority, and other agencies for local and district meetings

Moultrie Intermodal Facility, \$500,000

Construction of an intermodal facility

Paulding County Airport, \$3,000,000

Construction of General Aviation airport

Paulding County Industrial Park, \$970,000

Site preparation and dirt removal

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

Roadway operations, safety, and pedestrian improvements

Renovations of the former Tift College, \$657,000

Renovate the former Tift College to house the GA Department of Corrections

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

Construct a bridge across I-20 to help reduce congestion

Savannah Battlefield Historic Paint and Coach Shops, Coastal Heritage Society, \$780,000

Restoration to the historic paint and coach shops of Georgia Railways to be used for retail development and economic development

Savannah River Ferry System-Landside Support Facilities, \$500,000

Replacement of the system's main downtown ferry passenger landing and retrofit 3 ferry vessels with on-board fendering systems

Southwest GA Regional Airport Lighting and Taxiway Improvement, \$1,500,000

Replace vital electrical components that have exceeded their useful life

SR 347/Friendship Road from I-985 to CR 1293/McEver Road, \$2,000,000

Widen SR 347/Friendship Road from I-985 to CR 1293/McEver Road to four lanes

St. Augustine Rail Switch Yard Expansion, \$1,000,000

Construction of a new rail line to alleviate congestion caused by rail traffic on St. Augustine Road

State Road 133 from Albany to Moultrie to Valdosta, \$4,000,000

Right of Way Acquisition

Tift College Drive Streetscape, City of Forsyth, \$550,000

Sidewalk improvements, streetlights, landscaping, bicycle lanes

Third Army Road/I-75 Interchange Construction, \$2,000,000

Construct a fully directional interchange at I-75 and Third Army Road near US 41

Labor-HHS-Education

AASU Cyber Security Research Initiative, Savannah, GA, \$457,000

For support of its Cyber and Homeland Security Institute

City of Moultrie, Moultrie, GA, \$150,000

To connect broadband infrastructure to elementary schools in the City and County.

Clark Atlanta University, Center for Cancer Research and Therapeutic Development, Atlanta, GA, \$1,000,000

To expand and enhance its biomedical science program in cancer research and education.

Coastal Heritage Children's Museum, Savannah, GA, \$700,000

To provide educational exhibits.

Communities In Schools of Georgia, Atlanta, GA, \$500,000

To train and support 51 local offices in the delivery of quality mentoring, literacy, case management, parent involvement, and other social services to disadvantaged youth and their families.

Darton College, Albany, GA, \$1,000,000

For information and technology network that provides underserved and disadvantaged populations with access to education, job training, health services, health information, and educational opportunities

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

To offer 20 scholarships to students from U.S. universities and from rural, marginalized locations in Latin America in an effort to educate and create leaders in economic development.

Emory University, Southeastern Center for Emerging Biological Threats (SCEBT), Atlanta, Georgia, \$1,000,000

For research related to emerging biological threats.

Georgia Environmental Training and Education Water Fluoridation Program, Barnesville, GA, \$100,000

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

Georgia Philadelphia College of Osteopathic Medicine, Suwanee, GA, \$300,000

To enhance the equipment and capacities of the teaching center at the Georgia-PCOM campus in the Atlanta area.

Georgia Southern University, Making a Difference in Rural Public Health, Statesboro, Georgia, \$390,439

For improving the health status of rural communities.

Georgia State University, Atlanta, GA, \$100,000

To improve the accessibility and availability of primary care for low-income urban residents.

Grady Health System, Atlanta, Georgia, \$1,000,000

To upgrade the equipment and technology in the emergency care/trauma center.

Jewish Federation of Greater Atlanta, Caregiver CARE (Caregiver Education Respite Assistance) Initiative Demonstration Project, \$300,000

To develop, test, evaluate and disseminate an innovative, community-based approach to caregiver services.

The Marcus Institute, Behavior Disorder/Child Maltreatment Prevention Program, Atlanta Georgia, \$1,000,000

For clinical programs 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.

Morehouse College Research Initiative, Atlanta, Georgia, \$1,000,000

For the Morehouse College Research Initiative.

Museum of Aviation in Warner Robbins, Georgia, \$350,000

For multi-educational programs at the museum.

Phoebe Putney Memorial Hospital, School Nurse Program, Albany, Georgia, \$200,000

To implement health clinics in primarily minority schools.

Shepherd Spinal Center, Atlanta, GA, \$750,000

To purchase equipment needed for the neuro-recovery lab.

Southeast Georgia Health Systems, Brunswick, GA, \$700,000

To combat the near-epidemic surge of diabetes in southeast Georgia.

Spelman College, Atlanta, Georgia, \$1,000,000

For the Women in Science and Engineering (WISE) Scholars Program

Sumter Regional Hospital, Americus, GA, \$13,000,000

For the building of the Interim Hospital and the rebuilding of Permanent Hospital

University of Georgia, Riverbend Science Center/Nano-Bio Fabrication Facility, Athens, Georgia, \$1,000,000

To develop a multidisciplinary clean-room facility that will form the nucleus of a biofocused nano-fabrication, nano-characterization, and nano-manipulation facility.

Wayne Memorial Hospital Facility Replacement, Jesup, Georgia, \$1,000,000

For a replacement health facility.

Interior

1925 Coach Shop, \$300,000, Savannah, GA

Repair and restore historic coach shop

Augusta Canal National Heritage Area, \$1,000,000, Augusta, GA

Implementation of management plan

Beacon Complex, \$1,000,000, Decatur, GA

Renovation of the Historic Beacon Complex

Chattahoochee River NRA-Hyde Farm, \$3,100,000, Cobb County, GA

Acquire the 95-acre Hyde Farm property

Chattahoochee-Oconee Riparian Project, \$4,000,000,

To acquire land inholding of the Oconee NF

Civil War Battlefield Protection Program, \$10,000,000

Protect our nation's civil war battlefields, which are under intense development pressures.

Columbus Water Works, \$500,000, Columbus, GA

Complete construction of the project, including the renewable energy element for national demonstration

Commercial District Sewer Rehabilitation Project, \$660,000, Dahlonega, GA

Rehabilitate aging clay pipes and help upgrade the community's ability to meet demand

Downtown Storm Drainage Rehabilitation, \$1,500,000, Macon, GA

To rehabilitate the deteriorated drainage system

Georgia International Convention Center, \$1,000,000, College Park, GA

Support the extension of wastewater and sewer lines

Georgia Stream Bank Restoration, \$500,000

Accelerate stream bank restoration and restore riparian buffers

Holloway-Mercer Storm Drainage Area, \$5,000,000, Albany, GA

Storm drainage improvements

Infrastructure Project, \$1,000,000, East Point, GA

To prevent flood events from eroding sewer and water infrastructure

Lilly, GA, \$65,000

Removal and replacement of faulty septic tanks

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

Enable local governments to meet water resource plan requirements

National Rural Water Association, \$16,800,000

Rural water initiatives to protect drinking water of small communities

Sewer System Rehabilitation, \$ 2,000,000, Atlanta, GA

Provide sewer capacity relief to capture more stormwater and sewage flows and associated flood relief

Silver Lake Tract, \$3,500,000, Decatur County, GA

To help permanently preserve longleaf pine forests on the 8,342 acre Silver Lake tract in SW GA

Sweetwater Creek Sewer, \$2,000,000, Paulding County, GA

Provide sewer service to the Sweetwater Creek Basin

Wastewater Improvements, \$175,000, Tybee Island, GA

City of Tybee Island wastewater plant expansion

Water Resources Research Institutes, \$8,775,000, Atlanta, GA

Fund 54 Institutes in every state and territory that provide support to landowners, states, and federal agencies for long-term water planning

Homeland Security

Albany State University Homeland Security Resource Center, \$400,000, Albany, GA

The project is proposing a comprehensive model with the purpose of identifying strategies that have a direct impact on terrorist threats to the citizens of southwest Georgia

Federal Law Enforcement Training Center (FLETC), \$730,000, Washington, DC

To fully fund the FLETC Washington Office

Fire Department Expansion, \$500,000, Cordele, GA

To expand the Cordele fire department by constructing a new station and purchasing a new truck to serve underserved areas of town where new development is producing new fire protection needs.

First Responder Emergency Training Center, \$2,500,000, Albany, GA

To establish a fire safety training center and make this facility available to all GEMA Area 2 fire service personnel (23 counties with 80 ± fire departments).

Hartsfield-Jackson International Airport C4 Center, \$18,000,000, Atlanta, GA

Project will create command center at the airport to improve local, state and federal response capabilities.

Pre-Disaster Alert Notification System, \$225,000, Henry County, GA

Includes a Reverse 911 System and a Weather Siren Upgrade for Henry County

Rural Policing Institute, \$6,500,000

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. Training will be developed and delivered to meet the needs of the rural officer nationwide.

Subterranean Infrastructure Security Demonstration Program, \$9,800,000, Jasper, GA

Complete an inventory of critical underground infrastructure in major urban areas. Identify the access points to the identified critical underground infrastructure. Demonstrate low cost, self-contained technologies that can deter unauthorized access while allowing authorized access to critical underground infrastructure

The Security Clearance Compliant Recruitment Program Initiative, \$3,000,000

This project will benefit all public HBCUs (47) in 22 states including DC and the Virgin Islands. Purpose is to identify and recruit qualified African-American students to take part in a program to prepare them for the rigors of the security clearance process and provide them with the guidance they need to remain compliant leading to and throughout the clearance process.

Financial Services

United States Courthouse, \$2,218,000, Savannah, GA

For construction and other purposes to have the annex design modified to meet its latest security requirements

University of Georgia, \$1,250,000, Athens, GA

To develop innovative methods to bolster workforce and leadership development, and provide strategic planning and technical assistance in the area of community housing

City of Conyers, \$750,000, City of Conyers, GA

To attract small businesses to Olde Town Conyers

Defense

F-22A Raptor Advanced Procurement, \$497,000,000, Marietta, GA

The F-22A Raptor is America's only operational 5th generation fighter with stealth, super cruise, and integrated weapons capability. The current planned acquisition of 183 F-22As is inadequate to meet the requirements of U.S. Combatant Commanders. These funds will provide the advanced procurement funding for an additional 24 F-22As.

Advanced SAM Hardware Simulator Development, \$6,000,000, Atlanta, GA

The Georgia Institute of Technology SAM hardware initiative will test current foreign SAM systems and develop simulator devices for use in DOD wide testing of aircraft countermeasures.

E-8C Joint STARS Re-engining Initiative, \$63,000,000, Robins AFB, GA

The E-8C Joint STARS aircraft is DoD's premier theater ground surveillance aircraft, providing wide area intelligence, targeting, and assessment. This initiative will accelerate the E-8C re-engining with the JT8D-219 engine to increase their capability and effectiveness.

Range Element-Network Enterprise Technology, \$7,100,000, Savannah, GA

The RE-NET project provides the Savannah Combat Readiness Training Center and Townsend range with an additional multi-mission critical data link capability to integrate with the Test/Training Enabling Architecture network.

Composite Tissue Transplantation for Combat Wounded Repair, \$3,000,000, Atlanta, GA

Emory University will research the ability to transplant peripheral tissues, such as skin, muscle, and tendons to replace non-reconstructible tissue, such as hands, leading to an improved ability to replace and repair missing limbs and tissue.

Technological Regional Center for Excellence for PTSD, \$2,600,000, Albany, GA

Phoebe Putney Memorial Hospital will develop metrics to identify mental health symptoms associated with PTSD and establish a National Test and Development Center that cultivates PTSD solutions aimed at improved wounded warrior care.

National Nanotechnology Manufacturing Center, \$5,000,000, Swainsboro, GA

This initiative will develop nano-technologies that provide advances in weapons, munitions, and fire control. In addition, these funds will enhance the NNMC's equipment and facilities to yield rapid demonstrations of prototypes and products for fielding.

Novel Flame Retardant Nylon Fabrics, \$2,800,000, Thompson, GA

This initiative will develop a family of durable, flame retardant nylon fabrics for military apparel.

Warner Robins Air Log Center-Special Operations, \$4,000,000, Warner Robins, GA

This initiative will develop the required software to implement the Air Force Expeditionary Logistics 21st Century (eLOG21) logistical transformation initiative in support of Warner Robins Special Operations weapon systems.

Advance BIO-ENGR enhancement of Soldier Survivability, \$3,000,000, Atlanta, GA

The Georgia Institute of Technology will research the ability to regenerate bone and tissue loss for recovering wounded warriors. This project will assess tissue viability and wounded irrigation, develop debridement technologies, and create light weight materials for use in integrated robotic prosthesis.

Center for Advanced Logistics Management, \$5,000,000, Albany, GA

Albany State University's Center for Advanced Logistics Management will develop a Bachelor of Science and Masters of Science degrees in Supply Chain and Logistics Management. CALM will create a partnership with the United States Marine Corps Logistics Base, Albany to certify its logistics personnel in supply chain management.

Covert Communications for SOF Operations, \$4,600,000, Atlanta, GA

This program will utilize recently developed Wavelet Packet Modulation to transform signals into covert communication systems. This program will improve the covert data transfer of broadband merged voice and data, video, and information relay to and from austere environments.

Combat Arms Training System, \$6,000,000, Suwannee, GA

This initiative will facilitate the National Guard current CATS systems upgrade to the FATS 5 system. The FATS 5 System modernization is paramount to resolve immediate small-arms training requirements for deploying service members.

C-130 Large Aircraft Infrared Countermeasure, \$33,400,000, Marietta, GA

This initiative will supply the Air Force Reserve Command C-130H and C-130J aircraft fleet with the AN/AQQ-24 LAIRCIM, to include support equipment, for one-half the aircraft fleet.

National Guard Training Devices, Non-Systems, V-COT, \$25,000,000, Atlanta, GA

The Virtual Convoy Operations Trainer will assist Soldiers in conducting convoy operations, situational training exercises, and identifying IEDs in a virtual setting prior to deploying to a combat zone.

Advanced Simulator for Combat Operations and Training, \$8,000,000, Columbus, GA

This initiative creates a virtual battlespace that allows Soldiers to conduct stability and support operations and identify threats in an environment that reflects current conditions on the battlefield.

John H. Hopps Defense Research Scholars Program, \$2,000,000, Atlanta, GA

This initiative will support Morehouse College program to fund scholarships, support requirements, and student-mentor relationships for doctoral track students to conduct research in conjunction with national laboratories.

Automated Communications Support System for Warfighters, Intelligence Community, Linguists and Analysts, \$3,100,000, Atlanta, Georgia

This technology provides the ability to identify languages and automatically conduct search, monitoring, work spotting, and intelligent mining of audio communications. This initiative will input languages into the database, test current phonetics to improve language recognition and alert status.

National Guard Youth ChalleNGe Program, \$22,000,000, Atlanta, GA

The National Guard Youth ChalleNGe Program is designed to improve the education, life skills, and employment potential of America's high school dropouts through military-based training and supervised work experience.

C130 Automated Inspection, Repair, Corrosion, and Aircraft Tracking Conditions-Based Maintenance Plus (AIRCAT-CBM), \$6,000,000, Warner Robins, GA

This initiative will upgrade current logistical maintenance systems, develop a depot-level maintenance plan to improve aircraft availability, and decrease sustainment costs.

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

The complex-shaped armor material technology is contour-forming boron carbide armor for soldier torso and extremity protection, as well as dual-use armor for lightweight air and rotor craft to increase Soldier and equipment survivability.

Hand Held Bio-toxicity Sensor, \$1,200,000, Atlanta, GA

This project will provide portable device to detect and measure harmful chemicals or biological agents in a specific area. The portable military device will be the first step in creating a smaller more cost-effective toxic civilian monitor for public areas.

C-130 Large Aircraft Infrared Countermeasure, \$17,000,000, Savannah, GA

The AN/AAQ-24V NEMESIS is an infrared countermeasure system designed to protect both fixed and rotary wing aircraft against man-portable (shoulder-launched) infrared-guided surface-to-air missiles.

Air National Guard F-16 Block 42 Engine Upgrade, \$54,000,000, Columbus, GA

The Air Expeditionary Force integration of Air National Guard units requires improved aircraft performance in speed, thrust, and maneuvering to be compatible with other AEF F-16 squadrons.

Wireless Range Infrastructure System at Townsend Range, \$4,700,000, Savannah, GA

This project will allow the Army's Threat Systems Management Office to design and implement a distributed integrated threat network at Townsend Range. WRIST will provide realistic integrated air defense systems for aircrew testing and training.

Joint Threat Emitter System, \$10,000,000, Savannah, GA

The Joint Threat Emitter System simulates electronic combat signals and is designed to provide realistic electronic warfare training for pilots and aircrew members. These funds will provide two additional JTES at the Combat Readiness Training Center in Savannah, GA.

WR-ALC Strategic Airlift Aircraft, \$4,200,000, Robins Air Force Base, GA

This project will develop the software to assist Warner Robins Aircraft Availability Improvement team implement logistical initiatives in support of C-17 operational sustainment.

Color Weather Radar for AFRC C-130H2 Aircraft, \$14,800,000 Dobbins ARB, GA

Under the USAF Avionics Modernization Program, the AN/APN-241 is being retrofitted on older C-130 models to bring commodity across all USAF C-130s and replace the current APN-59 radar.

Rapid Replacement of Mission Critical Logistics Electronic Components, \$3,800,000, Robins AFB, GA

The program will selectively insert and integrate recent advantages in electronics technology into aircraft mission critical electronic systems, while satisfying form, fit, and function requirements, and reducing aircraft down-time.

Information Modernization for Processing with Advance Coating Technologies, \$2,000,000, Robins AFB, GA

This advanced coating technology allows for improved repairs, reduces repair costs, and eliminates highly toxic processing waste streams on the F-15, C-130, C-5, and C-17 fleets.

Proton Exchange Membrane Fuel-Cell, \$3,000,000, Alpharetta, GA

Proton Exchange Membrane fuel cells produce electricity through electro-chemical reactions allowing complete stealth and submersion times of more than 14 days. This project will design the power source for proton exchange in unmanned surface vessels.

Smisson Cartledge Infuser, \$2,000,000, Macon, GA

This program pioneers an integrated system to provide lung support therapies for use outside the surgical intensive care unit for untrained personnel. The infuser integrates a pump/circuit driver with a compact gas exchange device for CO2 removal and re-oxygenation of the blood at body temperature.

Smisson Cartledge Infuser, \$3,000,000, Macon, GA

The Smisson Cartledge Infuser will infuse fluids at rates of 10ml/hour-1200ml/minute and provide surgeons the time necessary to treat the casualty. This system includes a rechargeable battery that enables a patient to receive life-sustaining support during transportation between a medical evacuation and forward support hospital.

Center for Vaccine Scale-Up/ Process Research, \$2,500,000, Atlanta, GA

This project will help develop a qualified small scale manufacturing facility to perform critical research on biological vaccines and develop a full scale vaccine to combat the pandemic flu to protect the warfighter from the threats of biological terrorism.

Naval Sea Cadets, \$300,000, Nation-Wide

The project provides opportunities for youth to examine the possibilities and advantages of a Navy or Coast career. The program further provides potential Service applicants the basic requirements to complete initial Navy training, and helps to promote service in the Navy and Coast Guard.

Hand Launched Unmanned Aerial System High Performance Payload, \$5,000,000, St. Mary's, GA

The program will develop small, lightweight, modular payloads for hand launched unmanned aerial systems necessary to meet the Army's requirements for passive spectral imaging of difficult targets, as well as provide countermine detection and battle damage assessment.

Obesity and Cancer Program, \$3,000,000, Savannah, GA

Memorial Hospital in partnership with the Army Research Institute of Environmental Medicine will fund the research to determine the correlation between cancer and obesity in women, develop cancer prevention programs, and develop medical solutions to cure cancer.

Lithium-ion battery for Navy Unmanned Combat Air System, \$3,800,000, Valdosta, GA

This program develops an improved Lithium-ion battery system for use in airborne weapon systems. This project will reduce the development time of batteries and enable flight-ready prototypes to be ready for testing in FY10.

Intelligent Surveillance and Detection Sensor Suite, \$4,000,000, Atlanta, GA

U.S. forces in Iraq and Afghanistan operating in combat outposts use 100 foot towers with a small footprint with tower-mounted sensor network to serve as early warning security devices. The CERBERUS is a tower-mounted sensor suite for outward looking perimeter security and intrusion detection.

Advanced Bonded Diamond for Optical Applications, \$3,000,000, Valdosta, Georgia

Diamond optimization will serve as a heat-spreader and manage the waste heat of semiconductor laser systems in various weapon, space, missile defense, and

communication system. This program will improve optical quality and semiconductor devices on the Joint Strike Fighter, tank platforms, and IED disabling equipment.

Progressive Therapies for Neuro-Recovery, \$4,300,000, Atlanta, GA

The Shepherd Center's purpose is to research and develop neuro-recovery therapies to address the long-term needs of service-members suffering from traumatic brain and spinal cord injuries, which currently account for approximately 37% of injuries in the combat environment.

Multi-Platform Radar Technology Improvement Program, \$285,500,000, Robins AFB, GA

The MP-RTIP radar is modular and scale-able enabling the Air Force to share development efforts between the smaller radar intended for the Global Hawk and a larger radar aircraft such as the E8.

C-17 Globemaster III, \$3,900,000,000, Macon, GA

The C-17 aircraft is the newest, most flexible cargo aircraft to enter the airlift force and provides outsize intra-theater airland/airdrop capability not available in the current airlift fleet. These funds will procure 15 additional C-17s.

C-37 Aircraft, \$65,000,000, Savannah, GA

The C-37 aircraft provides transcontinental range, exceptional performance capabilities, and a unique contractor logistics program which supports modernization of the Air Force's operational support aircraft fleet. These funds will procure one additional C-37 for the Air Force.

Center for Parts Configuration Management, \$8,000,000, Robins Air Force Base, GA

The Center for Parts Configuration Management is designed to integrate materiel parts ordering and processing systems to reduce maintenance cycle times and improve weapons' operational status. CPCM directly supports the Air Force eLogistics 21 initiatives to improve material readiness.

Unique Materials Supporting Surveillance and Position-monitoring Initiative, \$2,000,000, Athens, GA

The unique materials supporting surveillance and position-monitoring initiative will design active (illuminating) and passive (nano-material) detection systems to improve counter drug operations surveillance in support of the Global War on Terrorism surveillance and technology objectives.

The Alliance for Critical Language and Culture, \$6,000,000, Atlanta, GA

The alliance for critical language and culture focuses on creating an outreach program to teach critical languages such as Chinese and Farsi to over 1,200 college students per year and develop student-exchange programs to increase the exposure and understanding of the aforementioned cultures.

User Evaluation of LASSO Vehicles, \$10,000,000, Glenwood, GA

This project will produce ten Land and Sea Special Operations (LASSO) vehicles and one hybrid LASSO for user evaluation. The LASSO vehicle is an all terrain-utility vehicle designed and developed to meet the United States Special Operations Command Joint Light tactical ATV requirement document.

Secure Medical Incident Management Capability, \$4,500,000, Savannah, GA

The secure medical incident management capability initiative includes software and hardware systems that provide the medical community with real time software that accurately reports, assesses, and responds to various mass casualty conditions.

Defense-Military Construction

Construct New Control Tower, \$6,450,000, Dobbins Air Reserve Base, GA

The new nine story control tower will be designed and built to meet the new Federal Aviation Administration and Air Force regulations and standards. This completed project shall be able to receive a United States Green Building Council Leadership in Energy and Environmental Design rating of Silver.

Child Development Center, \$7,800,000, Fort Gordon, GA

This project will support a new 232- child capacity Child Development Center for children ages 0-5 to support the local defense community. This new facility will meet current safety and standardized design accreditation regulations.

Weapons Storage and Inspection Facility, \$9,340,000, Marine Corps Logistics Base Albany, GA

This project will provide a new weapons storage facility in the current weapons, storage, repair, and testing compound. The current weapons storage facility consists of three bays in a general purpose warehouse in a commercial district off-base.

Rescue Operations/Maintenance Group Facility, \$8,900,000, Moody Air Force Base, GA

This project will provide a consolidated Operations and Maintenance Group Headquarters to ensure effective coordination and control of related command functions. The current Rescue Operations Group is located approximately two miles away from its squadrons.

Troop Training Quarters, \$7,300,000 Savannah International Airport, GA

The Savannah Georgia Air National Guard Combat Readiness Training Center is requesting a 156-troop capacity facility to provide the base support functions to rotating units conducting their two-week deployment annual certification cycle.

Child Development Center, \$2,000,000, Fort Stewart, GA

This project will provide a 244-child capacity Child Development Center for children ages 0-5 to support the local community. This Child Development Center will support the

increasing population, due to the Base Realignment and Closure initiative and incoming modular brigades.

Addition to Limited Area Reaction Force Facility, \$5,670,000, Naval Submarine Base, Kings Bay, GA

This program will provide a 5,000 square feet addition to the limited area reaction force facility for additional command and control electronics and armored vehicles space. The highly security classification facility serves as a command and control center, reaction, and extended housing for Marines and Navy personnel on duty.

Good Hope Training Area Infrastructure, \$21,000,000, Fort Benning, GA

This project will construct new infrastructure in the Good Hope Maneuver Area to include roads, low water crossings, and turning pads in support of the increase tracked vehicle traffic associated with current training operations.

Energy and Water

Appalachian Regional Commission, \$85,000,000, support for programmatic request: Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, & West Virginia

To strengthen basic infrastructure, improve the employability of individuals living in Appalachia, and help diversify the regional economy.

Atlanta, GA Environmental Infrastructure, \$5,000,000, Atlanta, GA

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.

Atlantic Intracoastal Waterway -- GA Portion, \$4,000,000, coastal Georgia

Maintenance dredging and dredge spoil site management.

Big Creek Watershed Management and Restoration Project, \$750,000, Roswell, GA

To construct water resource facilities to restore the Big Creek watershed.

Biomass Co-firing in Coal-Fired Power Plants, \$2,000,000, Atlanta, GA

To determine technical feasibility of biomass co-firing in coal-fired plants using SCR units.

Brunswick Harbor Operation & Maintenance Dredging, \$10,200,000, Brunswick, GA

Maintenance dredging to restore the Brunswick Harbor channel to the authorized depth of 36-38 feet.

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

To remove two small, under utilized and outdated low-head dams, restore fish habitat for the shoal bass and other species in a 2.3 mile stretch of the Chattahoochee River and allow the use of a natural white-water course for related recreation consistent with Corps planning policy.

Chattooga County Environmental Infrastructure, \$5,000,000, Chattooga County, GA

To construct a new drinking and wastewater conveyance system in the Cloudland and Shinbone Valley area of the county.

City of East Point Flood Control & Environmental Infrastructure, \$1,000,000, City of East Point, GA

In conjunction with critical sanitary sewer line repairs, the City of East Point is undertaking measures to prevent flood events from eroding and undermining sewer and water infrastructure.

City of Moultrie Water Supply Infrastructure, \$500,000, Moultrie, GA

To perform a major upgrade to the City of Moultrie's Water Treatment Plant, which is necessary to meet new limits as established by Georgia's Environmental Protection Division and to meet demands of a new poultry processing facility and a new industrial park.

City of Rome Raw Water Intake Upgrades & Raw Water Pumping Station, \$19,000,000, Rome, GA

To construct a new raw water intake structure and pumping on the Etowah River, relocation of the existing raw water intake structure into the river channel, relocation of the existing raw water intake, and to upgrade the rapid mix structure at the water treatment plant.

Consortium for Plant Biotechnology Research, \$6,000,000, nationwide

To fund research in the area of plant biotechnology that contributes to America's goal for energy independence and a cleaner environment.

Department of Energy Office of Science, \$4,400,000,000, support for programmatic request: nationwide

To support the President's budget request for the Department of Energy's Office of Science.

Development of Liquid Fuels from Woody Biomass and Training a New Workforce to Support a New Industry, \$3,000,000, Athens, GA

To advance research regarding the development of cellulosic ethanol and the use of waste agricultural and forestry products for use as feedstocks for alternative fuels.

Flint River Walk Retaining Wall, \$1,250,000, Bainbridge, GA

To design and construct a river walk retaining wall on the Flint River.

Georgia State University Science Park, \$3,000,000, Atlanta, GA

To complete construction of a state-of-the-art University Science Park, which will include an integrated set of laboratories and support facilities in its Science Research, Teaching Laboratory and Economic Development buildings.

Green Design for the Atlanta Center for Civil and Human Rights, \$2,000,000, Atlanta, GA

To support energy and water efficient design and construction of the 100,000 square foot museum and conference center.

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

To construct a "green" facility to provide exhibition, educational programming, and research space and activities for the new extensive collection of Dr. Martin Luther King Jr.'s papers.

Metropolitan North Georgia Water Planning District (MNGWPD), \$3,000,000, Bartow, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Fulton, Forsyth, Gwinnett, Hall, Henry, Paulding, Rockdale, and Walton Counties.

To fund construction of conveyance systems to connect both existing and planned water and wastewater infrastructure and facilities, as well as to study and formulate projects relating to water supply, flood control, and other water quality improvements.

MidSouth/Southeast BioEnergy Consortium, \$6,000,000, Athens, GA & Arkansas

To conduct research and educational programs to advance feedstocks, conversion technologies, co-products including DDG's and new products for the MidSouth and Southeast bioenergy industry -- a joint equal share of University of Georgia, University of Arkansas and Arkansas State University.

Morehouse College Minority Energy Science Research & Education Initiative, \$2,000,000, Atlanta, GA

In order to increase the number of research scientists engaged in NNSA mission related research, Morehouse College will further develop the Minority Energy Science Research and Education Initiative, a comprehensive program for high achieving students, to use new teaching techniques and mentored research to prepare them for the rigors of STEM and NNSA related careers.

Optimization of Biomass Feedstock for Renewable Fuel Production, \$2,000,000, Savannah, GA

To provide a southern hub location to study and then test, improve and commercialize at industrial scale, the harvest, transport, and pre-processing equipment needed for the fast and cost-effective development of southern biomass resources for energy production.

Savannah Harbor Expansion Project, \$3,204,000, Savannah, GA

To develop and finalize SHEP construction plans and engineering specifications and the Project Partnership Agreement that is required to deepen the harbor channel from 42 to as much as 48 feet.

Savannah Riverfront Plan, \$100,000, Savannah, GA

To conduct a reconnaissance study to determine the scope for the Savannah Riverfront Plan.

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

To facilitate 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.

Sweetwater Creek Sewer Outfall Line, \$2,000,000, Paulding County, GA

To provide sewer service to Sweetwater Creek drainage basin, originating in Paulding County, flowing to Cobb County.

Tybee Island Impacts Feasibility Study, \$250,000, Tybee Island, GA

Phase II of a study to formulate a mitigation proposal for erosion on Tybee Island caused by federal maintenance of the Savannah River channel.

Commerce, Justice, Science

Advanced Sex Offender Search Technology, \$1,450,000, Decatur, GA

Funding will provide the Georgia Bureau of Investigation (GBI) with the Advanced Sex Offender Search Technology program to strengthen Georgia's aggressive sexual offender monitoring and enforcement efforts, and assist with missing child and abduction investigations.

Atlanta Botanical Garden's Urban Science Initiative for At-Risk Youth, \$325,000, Atlanta, GA

To provide much-needed supplemental educational enrichment opportunities for at-risk students, who will benefit from a renewed connection to nature, arts, and culture, which support higher academic achievement overall.

Bug Island, GA, \$3,000,000, Long County, GA

To protect one large parcel on Bug Island, one of the largest sand ridges in the Altamaha River floodplain, and the rare maritime forest, isolated wetlands, and numerous rare species found there. Conservation of these lands will not only protect the biodiversity of the Altamaha watershed, but will also support the healthy functioning of associated marine areas, including nearshore live bottom reefs, marsh islands, and barrier islands.

City of Albany At Risk Youth Intervention Project, \$75,000, Albany, GA

To develop a new and innovative after-school program – the Totally Teen Zone – to target the most at-risk youth in their community.

City of Atlanta Intensive Surveillance Officer Project, \$250,000, Atlanta, GA

To provide intensive intervention services to children who are adjudicated delinquent to prevent further penetration into the juvenile or criminal court systems.

City of Atlanta's Youth Violence Reduction: Plugging the Pipeline, \$350,000, Atlanta, GA

To work with youth whose parents are or have been incarcerated, or have other significant risk factors for being incarcerated themselves, to stop the pipeline which now delivers too many Atlanta youth to prison. The City of Atlanta will use the funds requested to take leadership in developing counseling options and other support activities for youth whose conditions would otherwise lead them into prison.

City of Conyers Police Technology Upgrades, \$400,000, Conyers, GA

To modernize the law enforcement technologies utilized by City of Conyers police force and other first responders.

City of Louisville Police/Fire Station & City Offices Phase III, \$443,339, Louisville, GA

To complete and finalize an important 3-step project. Phase III will complete capital improvements to the City of Louisville offices and police/fire station. Completion of this project will allow all municipal offices, as well as the fire and police departments to be located on one parcel of property.

City of Moultrie Police Department, \$350,000, Moultrie, GA

To fund technology upgrades (interoperable communications upgrades and officer safety and investigation equipment).

City of Vienna Public Safety Facility, \$3,000,000, Vienna, GA

To build a Public Safety Facility that will house all four of our Public Safety Departments (police, fire, ambulance, emergency agency).

Cobb County Regional Communications Interoperability for Public Safety First Responders, \$3,800,000, Cobb County, GA

Establish microwave connectivity, link systems together, and upgrade the radio system's operating platform so all systems are functioning at the same level. 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.

College Park Public Safety Interoperable Communications Upgrade, \$1,000,000, City of College Park, GA

To support 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.

Computers For Youth's Take IT Home Atlanta, \$200,000, Atlanta, GA

To help low income children do better in school by improving their learning environment at home.

Emergency Operations Center Expansion, \$400,000, Henry County, GA

To provide sufficient space for emergency responders to come together and work effectively during emergency situations, as well as provide space for outside agencies, such as GEMA and the Red Cross, in order to enhance their response times during emergencies.

Enhancements of the Valdosta/Lowndes County Joint Crime Lab, \$500,054, Valdosta, GA

To provide equipment to expand and enhance the capabilities of the proposed Valdosta/Lowndes County Joint Crime Lab.

Georgia Bureau of Investigation (GBI) - Criminal Information Sharing Alliance network (CISAnet), \$972,592, Decatur, GA

To integrate JIMNet into the Criminal Information Sharing Alliance network (CISAnet).

Georgia State University's Prisoner Re-Entry for HIV-Infected Inmates, \$500,000, Atlanta, GA

To further expand collaboration among the Georgia Department of Corrections, the Georgia State Board of Pardons and Paroles, the Georgia Department of Public Health, and Georgia State's Institute of Public Health by continuing to evaluate the effectiveness of an innovative prison release preparation program for HIV-infected inmates and identify ways to expand the scope of this program. Georgia officials and agencies are very concerned that recently released HIV-infected inmates may not adhere to their therapeutic regimen, placing their health at further risk, or may engage in behaviors that place others at risk for contracting HIV infection.

Georgia State University's Youth Violence Prevention Center of Atlanta, \$693,000, Atlanta, GA

To establish the Youth Violence Prevention Center of Atlanta (YVPCA).

Hard Labor Creek Observatory, \$450,000, Atlanta, GA

To replace the 50 year old telescope, which was originally obtained from KPNO, and to provide staff to support the educational programs which serve all Georgia citizens.

Inner Harbour Neurodevelopmental Services, \$1,174,000, Douglasville, GA

To advance Inner Harbour's neurofeedback treatment to help troubled youths overcome deficits, avoid trouble, and become highly functioning members of society.

Jefferson County Emergency Dispatch Communications System Upgrade & Enhancement Project, \$250,000, Jefferson County, GA

To enhance Jefferson County's emergency communications system and to create communications interoperability with other public safety and first responder units with neighboring counties.

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

To install mobile data terminals in its patrol vehicles to connect officers with systems being installed in fire trucks for onsite use at incidents.

Macon Police Department, \$3,000,000, Macon, GA

To complete the replacement of obsolete radio infrastructure for direct interoperable voice communications among local, state, and federal first responders.

National Textile Center, \$3,500,000, Cary, NC

To allow 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 NTC 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. The NTC at Georgia Tech is one of the 9 member universities in the National Textile Center program.

Paulding County Public Safety Communications System Expansion, \$1,000,000, Paulding County, GA

This project will provide the patrol units with instant text dispatch, location maps and Georgia Crime Information Center (GCIC) information, as well as eliminate at least 80 percent of dispatch traffic in the E911 center. Transmission improvements can be accomplished with the addition of radio receive sites and an upgrade of the current microwave canopy. An additional 33 laptops (for fire and law enforcement vehicles) and a general software upgrade will provide E911 CAD information and mapping data directly to field units in real time. 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 Law Enforcement Mobile Data Network, \$200,000, Rockdale County, GA

To fund the acquisition of voice module units to expand state and national database query options and enhance the safety of patrolling deputy.

Rockdale County Methamphetamine Initiative, \$120,000, Rockdale County, GA

The requested funding would cover the addition of an investigator for two years to the Narcotics/Vice Unit already in operation, along with the necessary computers, telephones, and surveillance equipment. It would also cover the expense of training and equipping the investigators for meth lab cleanup.

Savannah Area Regional Intelligence Center, \$950,750, Savannah, GA

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. Intelbridge is a scalable hardware/software

appliance for accessing, presenting, and manipulating complex intelligence data through a web-deployable common operating picture.

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

To increase the prevalence of under-represented racial minorities and women in science, technology, engineering, and mathematics (STEM) disciplines.

The GoGirlGo! Atlanta Initiative, \$900,000, Atlanta, GA

Funding will be used to support this mentoring, education, and development program targeting at-risk teens to prevent drop-outs, truancy, crime, violence, and drug abuse by promoting participation in sport and physical activity during after school hours when teens are at greatest risk for dysfunctional social behaviors.

The Marcus Institute, \$1,000,000, Atlanta, GA

To address behavior problems in children that are often precursors to more serious issues, such as delinquency, substance abuse, failure in school, and unwanted pregnancies.