

In compliance with the Fiscal Year 2010 Appropriations Committee Disclosure and Transparency Requirement the following requests for funding have been submitted by my office to the House Committee on Appropriations for consideration:

Project Name: Center for Women's Leadership

Recipient: Bennett College for Women

Recipient Street Address: 900 East Washington Street Greensboro, NC 27401

Requested Amount: \$600,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because they propose to establish a Center for Women's Leadership, focusing on personal and professional development, research, curriculum development, and training programs.

Bennett College for Women is a dynamic center of intellectual and spiritual development and a place known for its excellence. Through its curriculum offerings, conferencing, and programs, Bennett College's vision is to develop a comprehensive center which will address issues and concerns and offer learning opportunities for women positioning them to be leaders and to be engaged as change agents in their personal and professional lives. This Center will also serve as a hub for research focusing on the economics and impact of public policies relating primarily to African American women.

Project Name: Renovation of Historic Buildings

Recipient: Bennett College for Women

Recipient Street Address: 900 East Washington Street; Greensboro, NC 27401

Requested Amount: \$3,500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will modernize and renovate six separate residence halls, each originally constructed decades ago.

Planned renovations will add to the campus stock of student housing. At present, nearly one-third of the College's dormitories are not habitable due to needed maintenance and upgrades. Increasing the College's stock and quality of student housing greatly affects student recruitment and retention. Improving the quality of the residence halls would permit Bennett to use its dormitories and other facilities to generate revenue during the summer months (e.g. workshops, training seminars, etc.). Currently, the lack of air-

conditioning and inadequate facilities impedes the College's ability to not only serve its students, but to serve as a resource and economic contributor to the surrounding community and region. The proposed renovations will also add to the aesthetics of Bennett's beautiful and historic campus.

Project Name: Improvement in Technology and Program Infrastructure

Recipient: Bennett College for Women

Recipient Street Address: 900 E. Washington Street; Greensboro, NC; 27401

Requested Amount: \$3,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will make several campus-wide technological improvements and establish various professional development programs for students and faculty.

The proposed project would involve three distinct sets of program activity: (1) Technology Improvements such as campus-wide computer and communications systems upgrades, the establishment of a studio/video conference center, and increased bandwidth; (2) Program Improvements such as SMART and interactive classrooms; and (3) Facilities Upgrades such as installation of security systems and expanded classroom seating.

Project Name: The Comprehensive Wellness Center

Recipient: Bennett College for Women

Recipient Street Address: 900 E. Washington Street; Greensboro, NC; 27401

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will establish a Comprehensive Wellness Center on the campus of Bennett College. The Center will offer activities and sponsor programs that address physical, mental and social wellbeing of Bennett students, faculty and staff. The Center will also support community outreach and education programs.

Specifically, funding will be used to:

- Renovate and expand the existing campus exercise facility;
- Purchase new exercise equipment;

- Establish a Peer Counseling Program;
- Provide on-going Prevention activities;
- Procure Psychology and Nutrition consultants; and
- Provide Exercise and Stress Reduction programs.

Project Name: Center for Women's Entrepreneurship

Recipient: Bennett College for Women

Recipient Street Address: 900 East Washington Street Greensboro, North Carolina 27401

Requested Amount: \$450,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will develop a comprehensive Center for Women's Entrepreneurship. This Center will focus on financial literacy, business development, curriculum development and community economic development. This Center will also provide programs and training opportunities for women throughout the state and nation as well as area school-aged children.

Project Name: Health Sciences Simulation Lab

Recipient: Central Piedmont Community College

Recipient Street Address:
Central Piedmont Community College
PO Box 35009
Charlotte, NC 28235

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because Central Piedmont Community College will lead a regional effort to establish an advanced training facility equipped with state-of-the-art teaching simulators and an equipment loan program. The goal of the effort is to increase the number of highly trained health care workers that graduate from nursing and allied health programs and enter a healthcare profession as clinician or educator. Specific objectives that will be accomplished on behalf of the Charlotte region include: purchase simulation equipment to support over 50 regional health education programs in the Charlotte region; establish a regional training laboratory and training equipment loan program; coordinate best practices to improve the preparation and retention of regional health sciences students;

and create opportunities for students to fulfill the required clinical component of their training using technologically advanced simulation equipment.

Project Name: Carolina's Training Energy Center

Recipient: Central Piedmont Community College

Recipient Street Address:

Central Piedmont Community College
PO Box 35009
Charlotte, NC 28235

Requested Amount: \$1,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because it will establish the Carolinas Energy Training Center – a regional, cross-disciplinary training program and lab facility created to meet the demand for workers to support the rapidly growing energy sector in North Carolina. CPCC will engage regional partners to establish a training program and lab facility with the goal of creating a skilled workforce to meet the dynamic needs of the Charlotte region's energy economy. Federal funding will be used to: purchase lab equipment to support training for careers that support the energy sector – both conventional (nuclear, coal) and alternative (solar, wind, biofuels); develop training courses and programs (credit and continuing education); and deliver training for emerging, displaced and incumbent workers.

Project Name: National Center for Non-Destructive Examination Technology

Recipient: Central Piedmont Community College

Recipient Street Address:

Central Piedmont Community College
PO Box 35009
Charlotte, NC 28235

Requested Amount: \$500,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because it will establish the Homeland Security Integrated Training Institute. The cross-disciplinary Institute will be led by experts from the Carolinas Center for Non-Destructive Examination Technology (Carolinas Center) and the American Academy of Applied Forensics (AAAF). In order to protect the nation's critical infrastructure, training programs need to focus on the prevention and detection of homeland security

threats – focusing on the use of emerging technologies and employing a comprehensive approach to curriculum development and content delivery. The Homeland Security Integrated Training Institute will meet priorities established by the US Department of Homeland Security, including transportation security and prevention and protection of the homeland.

The Carolinas Center and the AAAF will develop credit and non-credit training courses that lead to credentialed workers with the skills to locate and assess potential homeland security threats within the nation’s critical infrastructure. Together, these two federally-supported Centers will design and pilot this state-of-the-art training using the most effective approaches in technician education. The project design will include a robust Corporate and Continuing Education (non-credit) component that can be adapted for delivery at community colleges nationwide and customized per client specifications.

Project Name: Statesville Avenue Corridor Redevelopment Project: Landfill Remediation and Conversion

Recipient: Charlotte Mecklenburg Housing Partnership (CMHP)

Recipient Street Address:

4601 Charlotte Park Drive
Suite 350
Charlotte, NC 28217

Requested Amount: \$800,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will assist with the redevelopment costs for the next phase of the implementation of the Statesville Avenue Corridor Plan – Landfill Remediation and Conversion in Charlotte, NC. CMHP’s request is for \$800,000 for remediation and conversion of a former municipal trash and construction debris landfill into a passive park as part of the redevelopment plan. Completion of the landfill remediation and conversion is a critical component of the Statesville Avenue Corridor Plan and will, among other things, provide affordable housing opportunities for an underserved section of Charlotte, N.C. This will be a very important component of the successful redevelopment of this combined site of almost 100-acres. In an urban environment, particularly so close to downtown Charlotte, it is critical to reinvest in properties, taking development pressures off of undeveloped, open land that is scarce in areas close to jobs, transportation and services. In addition, improved parks, greenways and open space will allow for urban, inner-city recreation opportunities close to downtown, in a mixed-income community boasting 51% affordable housing.

Project Name: Concord and Kannapolis Regional Radio Upgrade

Recipient: City of Concord and City of Kannapolis

Recipient Street Address: 26 Union Street South, Concord, NC 28025

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because federal assistance is needed to purchase approximately 325 new radios-mobile and portable- for the Concord and Kannapolis Police Departments at a cost of \$3,200 each. The departments' current radios are 15 years old and are not compatible with the region's planned radio system upgrade. In 1997 Concord and Kannapolis partnered with Cabarrus County to establish an interoperable county-wide public safety radio system. That radio system expanded the original system that Concord funded and installed in 1994. The current technology is becoming obsolete and there are plans to replace the system with an APCO Project 25 (P25) compliant system to improve interoperability capabilities. The P25 system meets federal requirements and is compatible with the State of North Carolina's interoperability plan (VIPER). Such compatibility will meet the growing population and visitor needs for safety and protection and the demand for communicating with each other as well as other state and federal law enforcement agencies.

Project Name: Concord, Kannapolis, and Albemarle Major Transmission Waterline

Recipient: City of Concord and City of Kannapolis

Recipient Street Address: 26 Union Street South, Concord, NC 28025

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will construct an 87,500 feet long water line running from Albemarle to Concord. Albemarle's water treatment plant has an excess of raw water, while Concord and Kannapolis are struggling to meet water demands. These two cities' combined water demand will exceed 30 million gallons per day in the next 20 years. It is much more cost effective to utilize existing potable water sources by connecting nearby public systems. While the water line will provide a long term water source for Concord and Kannapolis, it will also promote growth in Albemarle, Concord, and Kannapolis – a region that has lost significant industry. It is well known that adequate infrastructure must be in place to attract and support business. In 2003, Pillowtex Corporation closed in Cabarrus County resulting in a loss of about 4,500 jobs. Corning, Inc. closed its doors in Cabarrus County in 2002, which eliminated 800 jobs. The more than 2,000 acres of property, located within the Charlotte metropolitan area, remaining after Philip Morris closes would be an

attractive location for new industry. It is imperative that these cities put the necessary infrastructure in place to not only support residents and businesses, but also to attract new industry and jobs.

Project Name: ALERT Collapse Response Equipment

Recipient: City of Charlotte, NC

Recipient Street Address:

Charlotte Fire Department
228 East Ninth Street
Charlotte, NC 28202-2530

Requested Amount: \$500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a good use of taxpayer funds because, due to the increasing numbers of high-rises and large buildings in the city center, it has become necessary to increase the capability of ALERT's USAR Team to that of a FEMA-type Team. This would allow for ALERT to operate at a higher level and save more lives, not only in Charlotte, but throughout the State of North Carolina. The need to have the proper equipment and training within the State is vital to the success of any collapse incident. Due to the severity and massive scale of structural collapses ALERT cannot afford to wait 12 hours or more for the proper equipment and trained personnel to arrive and begin rescue operations. Furthermore, since Charlotte-Mecklenburg ALERT is designed to respond to both terrorism and natural disasters, it serves as a state-wide asset and has been deployed several times across the state to various disasters: deployed five times to hurricanes in North Carolina, including three times to the eastern coastal areas including the outer banks by Blackhawk helicopter during hurricane Isabel; twice to the mountains of North Carolina for floods and land slides; and several times to areas in and around Charlotte for collapses of bridges, parking decks and buildings.

Project Name: Briar Creek Relief Sewer Project (Phase 2)

Recipient: City of Charlotte, NC

Recipient Street Address:

Charlotte Mecklenburg Utilities
5100 Brookshire Boulevard
Charlotte, NC 28216

Requested Amount: \$4,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the Charlotte, North Carolina metropolitan area is among the top 10 fastest growing metropolitan areas in the nation, and has seen an almost 50 percent growth in population since 1980 according to the U.S. Census Bureau. The 2004 Census estimates there are 801,137 people living in Mecklenburg County with 614,330 of those living in Charlotte. The county's population is projected to reach 1 million people in 2010; roughly 78% of that population will be in Charlotte. The Briar Creek Relief Sewer project is critical to continued in-fill development with the Charlotte urban district. Based on current modeling and flow measurements in the existing Briar Creek sewer system, insufficient capacity exists to support continued growth and to be able to handle wet weather flows in a manner that meets the Clean Water Act and is acceptable to US EPA. Without the project the City will likely be subject to enforcement actions by EPA for sewer overflows during large storm events and moratoriums on wastewater connections in the future. The City may not be able to fulfill its goal of having more high density in-fill development, perpetuating urban sprawl into currently undeveloped areas.

Project Name: Eastland Town Center Redevelopment Project

Recipient: City of Charlotte, NC

Recipient Street Address:

Economic Development Office
600 E. Fourth St.
Charlotte, NC 28202

Requested Amount: \$750,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because in the past several years Eastland Mall has declined; now only one anchor remains fully operational and 30 percent of the mall stores are vacant. This is due to several factors, including the fact that big box stores are moving into the mall's market area, current development of other shopping centers to serve growing urban fringe and household income in the mall's market area is not rising as quickly as the rest of Charlotte. The City has taken several steps to address this decline, including: Eastside Strategic Plan in 1999, Eastland Area Plan in 2003, \$12 million in infrastructure improvements in Eastside of Charlotte, Eastland area retail and residential market studies in 2006, Neighborhood Transit Center in 2006 and Urban Land Institute (ULI) Advisory Services Panel in March 2007. These plans and studies called for redevelopment of Eastland Mall into a mixed use town center. The ULI panel affirmed this vision recommending 275,00 square feet of retail, 300 residential units, 15 acres of open space and 10 acres for civic/community center. Charlotte has taken preliminary steps to implement this plan, including: entering into options to purchase two vacant department stores; approving \$16 million in bonds for public infrastructure in a redevelopment;

beginning the process to identify private sector redevelopment partner; identifying preliminary space and use needs for civic/community center; and setting aside funds for new police and fire stations to be included in redevelopment.

Project Name: Gang of One Pilot Program

Recipient: City of Charlotte, NC

Recipient Street Address:

Charlotte-Mecklenburg Police Department
601 East Trade Street
Charlotte, NC 28202

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the program is a community based initiative derived from the Charlotte-Mecklenburg Police Department (CMPD) workgroup recommendations that provides a resource network to juveniles pressured to join a gang or who need assistance in getting out of a gang. Resource network responses are based upon individual needs of each juvenile who becomes part of the program. Responses involve prevention, intervention and education. The program was established in fiscal year 2005 to weigh community benefits and determine its viability as a permanent program. Beginning in fiscal year 2006, the program received federal funding to work in an administrative capacity, document program initiatives, work with officers and follow up with youth. In fiscal year 2009, an assessment of the program initiatives and programs was conducted to measure the level of success. Since 2004, the program has received over 2,600 calls to its Hotline, provided gang education and resistance training to approximately 15,000 adults and youth in over 400 workshops, and assisted over 115 youth with agency resources in support of gang disassociation. The program has developed three gang prevention programs that reach thousands of youth annually for which federal funding will enable further expansion and outreach throughout Charlotte: Dangers Involved with Gangs - 4-hour gang prevention program, provides 5th grade students with positive decision-making skills to resist gang influence; No Easy Walk - peer leadership, outdoor challenge program provides middle school students with skills and alternatives to resist gang influence and involvement; Truancy/Safe Neighborhoods - school-based, intervention team-based model, reduces juvenile criminal activity and truancy, increases student participation in school. The project has created or retained 12 positions for CMPD.

Project Name: City of Charlotte, Charlotte Area Transit System's (CATS) Blue Line Extension – Northeast Corridor Project

Recipient: City of Charlotte, NC

Recipient Street Address:

Charlotte Area Transit System
600 E. Fourth St.
Charlotte, NC 28202

Requested Amount: \$30,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the Charlotte Area Transit System (CATS) is continuing to implement its 2030 Transit Corridor System Plan to develop primary transportation corridors, linking the area's key centers of economic activity. The Transit Corridor System Plan will support development of pedestrian-friendly urban neighbors with a mixture of land uses, offer people a choice in meeting their mobility needs, increase transit's share of the local travel market, reduce Charlotte's dependence on overloaded and gridlocked roads, ease future air and noise pollution and enhance the overall quality of life in the Charlotte-Mecklenburg area. When completed, the Transit System will serve more than two to three times as many transit riders as the present system. The corridors will function as an integrated system, providing connectivity with surrounding communities and institutions. The project is currently in preliminary engineering and has a placeholder cost estimate of \$900 million. An updated cost estimate based on 15% level design plans will be available in April/May, 2009. Although the exact alignment has not been finalized, it will operate generally within the existing railroad right of way from Center City to Old Concord Road and then remain within the North Tryon (US 29) right of way from Old Concord Road to I-485 north of UNCC.

Project Name: Charlotte Streetcar Project

Recipient: City of Charlotte, NC

Recipient Street Address:

Charlotte Area Transit System
600 E. Fourth St.
Charlotte, NC 28202

Requested Amount: \$500,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the Charlotte Area Transit System (CATS) is continuing to implement its 2030 Transit Corridor System Plan to develop primary transportation corridors, linking the area's key centers of economic activity. The plan supports development of pedestrian-friendly urban neighbors with a mixture of land uses, offers people a choice in meeting mobility needs, increases transit's share of the local travel market, reduces

Charlotte's dependence on overloaded and gridlocked roads, eases future air and noise pollution, and enhances the quality of life in the Charlotte area. The Transit System will serve two to three times as many transit riders as the present system. Corridors will function as an integrated system, providing connectivity with surrounding communities and institutions. The project will connect diverse neighborhoods and residential areas with the downtown business center, stimulate significant Transit-Oriented Development along a 36-stop route and provide iconic, seamless connection between Charlotte's two downtown rapid transit hubs. By replacing three of CATS' busiest bus routes, streetcar will enable CATS to realize operating cost savings, reduce the number of buses on congested city streets and enhance air quality in the downtown area. Conceptual Engineering for the project was completed in 2006, along with draft Environmental Assessment. The cost to implement the full ten-mile system is currently projected at \$400 million (January 2009) and would take three years to construct. In January 2009, an economic development study found that growth along the streetcar corridor could generate as much as \$243 million annually in new property tax revenue by 2025.

Project Name: Concord Regional Airport Air Traffic Control Tower Replacement

Recipient: Concord Regional Airport

Recipient Street Address: 9000 Aviation Boulevard, Concord, NC 28027

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the current control tower at Concord Regional Airport (CRA) was originally built as an observation area for the airport and was used for air traffic control work during Concord's May and October NASCAR races. When CRA became a Federal Contract Tower in 2001 the facility was upgraded to meet FAA specifications. Radar and other equipment have been added, which takes up all of the tower's useable space. Some equipment is even stored in a nearby office. Additionally, CRA's runway was recently extended from 5,500 feet to 7,400 feet. That extension was 1,900 feet to the north of the tower, which reduces the visual capacity of the controllers for aircraft at the north end. CRA is the busiest general aviation airport in the State of North Carolina. It is imperative that controllers have the visual capacity to safely guide all inbound and outbound flights. A new, higher tower will provide that additional visual capacity, thereby maximizing safety and use of the newly lengthened runway. CRA is the economic engine for the region, with an approximate \$110 million impact on Cabarrus County's economy each year and accounts for over 450 new jobs annually.

Project Name: I-85 Widening

Recipient: City of Concord, NC/NCDOT

Recipient Street Address: 26 Union Street South, Concord, NC 28025

Requested Amount: \$2,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because I-85 will be widened from Concord Mills/Speedway Boulevard to NC 73 from four to eight lanes. The portion of I-85 in Cabarrus County between Mecklenburg and Rowan Counties shrinks from eight to four lanes causing tremendous traffic congestion and subsequent air quality issues. Maintaining eight lanes through Cabarrus County will eliminate existing congestion by providing additional capacity, benefitting not only metro area commuters, but all north/south I-85 travelers. From May 2002 to April 2005, 688 vehicle collisions were recorded on I-85 within the proposed project limits. These crashes were primarily a result of the heavy stop and go traffic during peak travel times. This portion of the interstate provides access to Concord Mills Mall (the largest tourist attraction in North Carolina), Lowes Motor Speedway and Concord Regional Airport (the fourth busiest airport in the State), as well as a majority of other industry in the area. In addition, future economic development in this area is dependent on completion of this project. Philip Morris plans to close its plant in Concord in 2010. I-85 must be widened to attract new industry to this site and others. The project will also affect the success of the new NC Research Campus.

Project Name: Environmental Education Center

Recipient: Piedmont Environmental Center / City of High Point, NC

Recipient Street Address: 1220 Penny Road, High Point, NC 27265

Requested Amount: \$700,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because there are numerous pressing environmental issues facing the North Carolina Piedmont Region, most of which are being felt statewide. Two of these issues, polluted storm water runoff and threatened plant species, will be specifically addressed in the “naturalist education garden” located at the Piedmont Environmental Center of High Point. There will be a 1.5 acre teaching garden for the public, including Guilford County Schools, that addresses issues pertaining to storm water runoff, stream bank erosion, permaculture, wastewater gardening and other timely environmental concerns. The North Carolina Department of Natural Resources identified polluted storm water runoff as the single greatest threat to water quality in North Carolina. This project will educate the public on the importance of harvesting storm water and utilizing it for irrigation. Phase I received significant attention due to last year’s extreme drought and stressed city water

supplies across the State. Various civic and environmental organizations have expressed interest in learning about rainwater systems and using native plants in landscaping.

Project Name: Washington Drive Streetscape

Recipient: City of High Point, NC

Recipient Street Address: 211 S. Hamilton Street, High Point, NC 27261

Requested Amount: \$2,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because streetscape improvements are the first step in the Washington Drive District Plan to attract new businesses and visitors to this economically depressed and deteriorated area. This project is part of a plan to revitalize the Washington Drive District, which includes a neighborhood that has a 27.8% poverty rate. The Washington Drive District was once High Point's "black downtown" prior to desegregation and, as such, it was the vibrant cultural and economic hub of the African American community. Unfortunately, the district has deteriorated over the years and now features a large number of vacant and decaying buildings. This area has enormous economic development potential. Highlighting the historic nature of the neighborhood – including the boyhood home of John Coltrane – will provide businesses and visitors an incentive to visit the area. Streetscaping is necessary to make Washington Drive a more inviting place for those new businesses and visitors. The process of implementing the Washington Drive District Plan and the resulting businesses will create hundreds of new jobs.

Project Name: Western Cabarrus County Water Service Improvements

Recipient: City of Kannapolis

Recipient Street Address: 246 Oak Ave.
P.O. Box 1199
Kannapolis, NC 28082

Requested Amount: \$3,800,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this is a valuable use of taxpayer funds because the City of Kannapolis has entered into a public-private partnership agreement with a development group for the construction of a new Business Park west of the city limits along NC Highway 3. It is anticipated that the project's 15-year build-out will reach close to \$120 million in tax value and create more than 500 new jobs. The developer is constructing a major off-site sewer line to the site at a cost of \$1.2 million.

The city is committed to designing and constructing a 2650-foot water extension from the existing line at Shiloh Church Road, as well as an elevated water tank and a booster pump station. Kannapolis is poised to experience tremendous growth and development over the next decade but nothing will be equal to the impact the NC Research Campus (NCRC) will have on Kannapolis and the ripple effect that will be created throughout the Charlotte region. This world-class campus will be a major economic engine for the city, creating new jobs, opening new opportunities for existing businesses, attracting new businesses, spurring new educational and training programs, and improving overall quality of life. Water service improvements such as this one are vital to the area's future economic development.

Project Name: Bath Branch Restoration Project, Winston-Salem, NC

Recipient: City of Winston-Salem, NC

Recipient Street Address: 101 North Main Street, Winston-Salem, NC 27101

Requested Amount: \$1,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will rehabilitate aging and inadequate storm drainage infrastructure and create regional storm water management facilities to treat storm water runoff from over 600 acres of drainage area in a highly impervious watershed. This project will reduce pollutant loading to federally listed (and the State's 303D) waters. When benchmarking other water resources/drainage improvement projects, no project of this magnitude has ever been completed in North Carolina.

Project Name: Airport Business Park, Winston-Salem, NC

Recipient: City of Winston-Salem, NC

Recipient Street Address: 101 North Main Street, Winston-Salem, NC 27101

Requested Amount: \$1,500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it was identified as one of the primary initiatives for the Northwest Piedmont region in the Comprehensive Economic Development Strategy conducted by Angelou Economics, commissioned by the Northwest Piedmont Council of Governments, and adopted by the Economic Development Administration. At build-out, the Airport Business Park could support up to 370,000 square feet of mixed-use space, create up to 1,100 new jobs for the community and lead to a private investment of more than \$27.75 million.

Project Name: Brookstown Redevelopment Project

Recipient: City of Winston-Salem, NC

Recipient Street Address: 101 North Main Street, Winston-Salem, NC 27101

Requested Amount: \$2,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the city of Winston-Salem has suffered tremendously from a decline in its traditional employment base. Manufacturing employment in Forsyth County decreased by 26% between 1980 and 1998, compared to a 1% increase statewide. In addition, the merger of locally headquartered Wachovia Bank with First Union Bank and the subsequent move of the company's headquarters to Charlotte resulted in the loss of thousands more non-manufacturing jobs. The Brookstown Redevelopment Project will create over 840 jobs, with 350 of those jobs being new to the area, in a neighborhood in which there are currently no jobs. The region will benefit from approximately \$1.8 million in new annual property tax revenue generated by this project, in addition to the jobs saved and created by this project.

Project Name: Davidson County Community College (DCCC) Library Services

Recipient: Davidson County Community College

Recipient Street Address: 297 DCC Road, Thomasville, NC 27360

Requested Amount: \$300,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because it will support efforts to make the DCCC Library a state-of-the art facility more conducive to teaching and learning. DCCC is the only College in a two-county service area and over 17,000 students attend classes at the College each year. Enrollment continues to increase while state support declines. Improvements to the Library will enable DCCC to respond to community, state and national challenges to educate a diverse student body, including retraining the unemployed and preparing workers for new industries. Built in 1977, the 19,000 square foot Library facility is in great need of renovation and expansion. According to the Facilities Master Plan prepared by MBAJ Architecture of Raleigh, "It is essential to 'free up' space in the current library to prepare and meet the SACS (Southern Association of Colleges and Schools) accreditation requirements for the projected enrollment growth." Recommendations include providing additional technologically-equipped learning areas, including group and private study areas, an additional computer lab and a multi-media room. A bond referendum approved

by the voters of Davidson County will support this effort, but additional funds are needed.

Project Name: Gang and Delinquency Prevention Initiative

Recipient: Forsyth County, NC

Recipient Street Address: Youth Services Center, 5550 Sturmer Park, Winston-Salem, NC 27105

Requested Amount: \$600,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because all of the youths detained at the Forsyth County Youth Services Center are involved in some type of dangerous life style that has the potential to jeopardize their chances for a successful adulthood. Over the years, Forsyth County has recognized gangs as a growing issue and the Center has seen a swell in gang involved youth. The Gang and Delinquency Prevention Initiative is a program designed to positively affect youth who have a high potential of being exposed to gang activity or who are already exposed to gangs either by their own involvement or through friends or family members. The initiative is unique in that programming is held at the Center and is primarily focused on bringing about positive social change by providing education, mentoring and outreach in order to enable detained youth to discover life skills and help lead them to abandon their delinquent lifestyles.

Project Name: Radio Frequency Identification (RFID) Technology Improvements

Recipient: Forsyth County Public Libraries, NC

Recipient Street Address: 660 West Fifth St., Winston-Salem, NC 27101

Requested Amount: \$900,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because RFID detection systems read the unique tags in each piece of inventory to isolate specific items leaving the library without being checked out, ensuring that library materials are retained while avoiding false challenges to customers' integrity. As a result of the heightened security and efficiency of RFID-equipped libraries, these systems usually pay for themselves in two or three years. With circulation at public libraries increasing nation-wide, an RFID system can help keep staff costs constant and predictable while reducing costs due to lost books, enabling the library to provide superior service to patrons.

Project Name: Smith Reynolds Airport Taxiway Extension

Recipient: Forsyth County, NC

Recipient Street Address: 3801 N. Liberty Street, Winston Salem, NC 27105

Requested Amount: \$3,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because Smith Reynolds Airport (INT) is a vital part of the transportation system for North Carolina and the East Coast. At present, there are at least 10-20 turbine powered aircraft wishing to be based at INT. However, neither INT nor its Fixed Based Operation (Landmark Aviation) has hangar space. Also, INT has no developable land for airport infrastructure development. By expanding its capacity and therefore bringing more business to the airport, INT can be maintained and can add valuable aviation services that will benefit the region's economy.

Project Name: Armed Forces Institute for Regenerative Medicine (NC/TX)

Recipient: Institute for Regenerative Medicine at Wake Forest University

Recipient Street Address: 391 Technology Way
Winston-Salem, NC

Requested Amount: \$10,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the Armed Forces Institute for Regenerative Medicine (AFIRM) is a strong national effort to address the unprecedented challenges of caring for service members returning from Afghanistan and Iraq with multiple traumatic injuries. Some of our wounded warriors face the daily challenges of recovery from severe limb, head, face and burn injuries that require years of treatment and may result in a significant lifetime impairment. Therapies developed by the AFIRM project will greatly benefit wounded warriors, as well as the civilian population with burns or severe trauma due to illness or injury. The AFIRM team in North Carolina is committed to developing clinical therapies over the next five years focusing on the following five areas:

- Burn repair;
- Wound healing without scarring;
- Craniofacial reconstruction;
- Limb reconstruction, regeneration or transplantation;

- Compartment syndrome, a condition related to inflammation after surgery or injury that can lead to increased pressure, impaired blood flow, nerve damage and muscle death.

Project Name: Institute for Regenerative Medicine

Recipient: Institute for Regenerative Medicine at Wake Forest University

Recipient Street Address: 391 Technology Way
Winston-Salem, NC

Requested Amount: \$5,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the Institute for Regenerative Medicine at Wake Forest University seeks to develop a detection system to identify pathogens afflicting military personnel in combat zones within a three hour time frame and to develop protocols and necessary data to create a universal donor cell resource system to obtain and utilize stem cells from amniotic fluid and placental tissue to treat military casualties.

The identification of a pathogen type from microbiological cultures taken from wounded soldiers now takes at least 3 to 5 days. Soldiers are normally started on a broad spectrum antibiotic which, if inappropriate, can lead to a systemic inflammatory response that resembles sepsis and costs the taxpayers extraneous dollars that could be better spent. It is often more than a week after injury before a soldier receives the correct antibiotic type. During this period, patients can transmit infections to other soldiers unless they are isolated. New diagnostic tools are critically needed that can quickly identify the type of infection in wounded soldiers in forward stations so that the appropriate antibiotic therapy can be started promptly.

The Institute has been approached by military officials to develop a pathogen detection test which would permit rapid identification of bacterial infections typically afflicting U.S. soldiers in combat zones. Investigation to date suggests the possibility that a small, disposable “lab-on-a-chip” device would allow the specific identification of pathogenic organisms in less than two hours under battlefield conditions. The device would directly isolate, count and concentrate pathogenic bacteria from the affected soldier and compare its DNA characteristics to those of roughly 15 known bacterial pathogens of military significance. This would permit the appropriate antibiotic to be given promptly, minimize risk of exposure to other soldiers and reduce overuse of broad spectrum antibiotics which has led to the emergence of dangerous antibiotic resistant “super bugs.”

Project Name: Undergraduate Research Center for Electronic and Cyber Security

Recipient: Johnson C. Smith University

Recipient Street Address: 100 Beatties Ford Road, Charlotte, NC 28216

Requested Amount: \$750,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the proposed Undergraduate Research Center for Electronic and Cyber Security at Johnson C. Smith University would provide infrastructure for electronic and cyber security by integrating the curriculum in computer science and engineering to cross the bridge between the existing curricula and national security needs while supporting the United States in science and technology efforts. In addition, this project would prepare and train computer science and engineering faculty and students in telecommunications systems security and disaster recovery, electronic imaging technologies, electronic and cyber security system architecture design, and analysis for optimum performance, data mining and analysis as related to national security. Given the national need to prepare future technology leaders with the educational and research experience in national security-related subjects, the proposed Undergraduate Research Center for Electronic and Cyber Security will support this mission. There is a national need to educate future generations of undergraduate college students and to move our existing curricula from traditional to national security-oriented. The proposed research center will address those issues at the undergraduate level as well as high school level.

Project Name: KidsPeace Charlotte Therapeutic Foster Care Program

Recipient: KidsPeace

Recipient Street Address: (Headquarters) c/o 5300 KidsPeace Drive, Orefield, PA
18069
(In-State) 3109 Poplarwood Court, Suite 310, Raleigh, NC
27604

Requested Amount: \$425,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because this one-time funding will start up a therapeutic foster care program in the Charlotte region. The program will address a critical need by: providing community-based placement to children involved with or at risk for involvement with the juvenile justice system; addressing the mental health needs of children in the social service system; and providing the safe and supportive homes to children.

The Coalition for Juvenile Justice has identified the most successful mental health programs as those that treat juvenile offenders within families and local communities,

using preventative measures to avoid repeat offenders and increasing public safety, which have been shown to reduce recidivism up to 80%. Furthermore, according to the Task Force on Community Preventive Services appointed by the Centers for Disease Control, therapeutic foster care has been shown to reduce violent crimes among adolescents ages 12 to 18 with a history of chronic delinquency an average of 70%.

Therapeutic foster care is not only an effective alternative placement for youth, but it is cost-effective as well. In fact, for every dollar spent on therapeutic foster care, an estimated \$14 is saved in court and corrections system costs. Therefore, a one-time investment of \$425,000 can potentially save the federal government and North Carolina nearly \$6,000,000.

Project Name: Livingstone's Center for Holistic Learning

Recipient: Livingstone College

Recipient Street Address: 701 W. Monroe Street
Salisbury, NC 28144

Requested Amount: \$500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because The Center for Holistic Learning will provide a multidimensional educational approach designed to educate and support students and the local community in the following areas to impact academic success, personal growth and development and civic responsibility:

- Academic Enhancement
- Health, Wellness and Fitness
- Emergency Response & First Aid
- Community Service
- Debt Management, Emergency Response
- Political Action & Social Responsible
- Cultural & Social Awareness
- Spanish as a Second Language
- Faith Based Strategies for the Enhancement of the Quality of Life

This will prove to be an extremely valuable use of taxpayers use in that it provides a vehicle to educate first generation college students who, 91% of whom qualify for federal financial aid. This is significant for several reasons: socio and economically disadvantaged population, poorly educated regarding health issues and representing an under-educated, largely African American population. Further, this funding would simultaneously serve the citizens in Salisbury and particularly those in the West-End of Salisbury, a community that mirrors the aforementioned characteristics of our students and could prove instrumental in reducing health disparities.

An additional justification for expenditures of taxpayers in the 12th District would also be found in the Health, Wellness, and Fitness module of The Center for Holistic Learning. This module is designed to provide students with important facts related to the disease processes, which occur at a higher incidence in the African-American community. The diseases include: Diabetes, Cardiovascular Disease, and certain forms of cancer. In addition to academic instruction, which will outline both the causes and a number of preventative measures students will be required to participate in an individualized physical fitness program. At the beginning of the first semester of each academic year, an initial assessment will be performed on the students in an effort to establish the following benchmarks: Height & Weight • Fasting Glucose • Cholesterol • Triglycerides • HDL/LDL • PSA (Males). A team of physicians, dieticians, and physical fitness personnel will establish the proper diet and exercise program for each student profile. Those students who are identified as at-risk will be reviewed quarterly to determine their progress and individual success. Our goal is to produce the healthiest graduates. As a result, health care expenses for a Livingstone College graduate can be reduced due to disability and death. We believe that this realization would also apply to those in the West-End Community in particular, as well as the other citizens in the city of Salisbury.

Project Name: Mecklenburg County

Recipient: Mecklenburg County
Office of Water and Land Resources

Recipient Street Address: 700 North Tryon Street, Charlotte, NC 28202

Requested Amount: \$200,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will address biologically impaired streams through the Surface Water Improvement and Management (SWIM) initiative. Fiscal Year 2010 funds will be combined with state and local resources to restore, retrofit and/or preserve land that has already been acquired and is in public ownership. These projects may include, but are not limited to, the construction of wetlands, restoration of streams, establishment of vegetative buffers, etc. Mecklenburg County's SWIM Initiative began as a result of the Board of County Commissioners' adoption of the "Creek Use Policy" in 1996. The Creek Use Policy calls for all waters in the County to be "swimmable and fishable." SWIM is a three-phase, 15 year plan designed to preserve the best surface waters in the County, improve moderate quality water and restore the worst waters to a level which will make them suitable for prolonged human contact and recreational opportunities. The SWIM Initiative has already resulted in measurable improvements to water quality conditions in Mecklenburg County. The \$200,000 in federal funds will be matched with \$115,000 in local funds to design and construct a \$315,000 capital project (engineered wetland, water quality buffer, etc.).

Project Name: Homeless to Homes Initiative

Recipient: Mecklenburg County-Homeless Support Services

Recipient Street Address: 700 North Tryon Street, Charlotte, NC 28202

Requested Amount: \$1,300,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because in accordance with Charlotte-Mecklenburg's Ten Year Plan to End Homelessness, the Urban Ministry Center (UMC) is implementing a two year pilot project for providing permanent supportive housing to the chronically homeless population. The UMC is committed to leading the community from a shelter-based homeless services model to a housing-based model by developing the County's first Permanent Supportive Housing complex with 80-100 efficiency apartments for the chronically homeless.

Charlotte-Mecklenburg has more than 6,000 homeless (over 500-600 are chronically homeless) yet less than 800 shelter beds. The shelters are frequently overcrowded and turning homeless persons away. The Ten Year Plan has recommended that the community shift service strategy away from a shelter-based model to a supportive service, housing-based model in order to reduce this growing problem and overflow at the shelters.

Project Name: National Textile Center/ [TC] ²

Recipient: National Textile Center and the Textile/Clothing Technology Corporation [TC] ²

Recipient Street Address: NC State University
Campus Box 7214
Administrative Service III
Raleigh, NC 27695

Requested Amount: \$16,500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the funding will be for two research consortiums, The National Textile Center and the Textile/Clothing Technology Corporation [TC] ², that are critical components of the US Textile Industry's ongoing effort to remain globally competitive. The research conducted through these two programs plays a major role in helping to

enhance the competitiveness of an industry that is a primary supplier of employment to women and minority workers, with many of these jobs located in depressed areas.

The National Textile Center is a consortium of eight universities, including North Carolina State University, that develops new materials, trains personnel and strengthens textile research and education efforts. The Textile/Clothing Technology Corporation [TC]² is a consortium of fiber, fabric and apparel producers, organized labor groups, retailers, academic institutions and government agencies focused on improving textile and apparel production techniques. This project would support a wide array of basic and applied research programs at NTC and [TC]², as well as demonstration and education efforts designed to enhance the competitiveness of the US textile and apparel industries. Past research has focused on enhancement of critical industry and national needs, such as protective clothing, biomedical textiles, electronics, alternative energy sources, mass customization, body scanning, 3D product development, the digital supply chain and environmental sustainability. The goal of research through the National Textile Center and Textile/Clothing Technology Corporation [TC]² is to assist in transforming the US textile and apparel sector into a highly flexible supply chain, capable of responding to rapidly changing market demands.

Project Name: Increasing Mathematical Literacy

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street, Greensboro, NC 27411

Requested Amount: \$2,250,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the proposed three-year project, Increasing Mathematics Literacy, will involve Arts and Sciences faculty, School of Education faculty and school system academic coaches in a collaborative professional development program designed to improve teaching and learning mathematical concepts at the middle and high school levels. The project will work with middle and high schools in three urban school systems located in the Piedmont Triad regions of North Carolina. The project will target the most highly impacted schools in terms of percentage of Black, Hispanic and economically disadvantaged students. Project goals are to: (a) increase teachers' knowledge, skills and dispositions related to literacy practices in mathematics; (b) increase teachers' knowledge, skills and dispositions of early diagnostic tools related to students' literacy performance in mathematics; (c) increase students' collection of literacy strategies in mathematics; (d) assess students' cognitive development related literacy strategies in mathematics; and (e) assess students' affective development related to literacy strategies in mathematics. At the end of this three-year project, 90% of middle and high school math teachers in three urban school systems will have increased their knowledge, skills and dispositions related to literacy practices in mathematics and early diagnostic tools for

students' literacy performance in mathematics. In addition, the mathematical literacy of 90% of the students in grades 7 through 9 in the three school systems will have increased as measured by their cognitive and affective development in using literacy to learn and use mathematical concepts.

Project Name: Increasing the Output of Qualified Nurses - A Critical Need Area

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street, Greensboro, NC 27411

Requested Amount: \$2,800,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because professional nursing is a much needed service to the community, state and nation, especially since there is an increasing number of elderly persons in the population who most often use nursing services. Currently, there is a shortage of nurses and a shortage of nurse faculty who could potentially increase the output of prepared nursing graduates. Given the current economic downturn, the interest in healthcare jobs has increased. While hospitals and other healthcare agencies are prudently managing resources, there will always be positions for RNs as long as we are delivering healthcare services. The availability of jobs may increase the interest in educational programs to prepare for a nursing career. UNC Tomorrow, the State of North Carolina's University System strategic plan, has emphasized the need to produce more nurses and teachers for the state. In order to meet this mandate, North Carolina Agricultural and Technical State University School of Nursing will initiate an accelerated nursing program for second degree students. We hope to attract applicants with degrees in diverse fields to enroll in the nursing program and complete it in 18 months. The 12 months is excluding any pre-requisites required for the program. North Carolina Agricultural and Technical State University graduates more minority nurses, predominately African-Americans, than any other program in North Carolina. We continue to attract qualified applicants from a diverse population. This program has recently been recommended for continuing accreditation with a re-visit in 8 years by the National League for Nursing Accrediting Commission (NLNAC) and is approved by the North Carolina Board of Nursing.

Project Name: Retraining Displaced and Laid Off Workers in Knowledge Economy

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street, Greensboro, NC 27411

Requested Amount: \$2,250,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because the first group of workers that is adversely affected during recessions or downturns is workers with only high school diplomas. This group is normally hired last and is laid off first. They are nearly always predominantly minority groups: African-American, Hispanic, Native American and others. The second group is workers with non-technical degrees. This group needs to be retrained in the specific technology that is required in the new economy. The third is the group with technical skills that may not have updated their skills. The jobs they are performing are no longer business critical, no longer cost effective or the productivity is low. Because of the current economic situation, a high number of workers within these three groups in the goods producing industries such as construction and manufacturing are laid off in higher proportion than workers in the service industry. In order to enhance the capacity of the displaced or laid off workers (construction and manufacturing) in the state of North Carolina, we propose the following: first, to develop an immersion program on skills and knowledge which consists of a combination of distance education and interactive curriculum to enhance their employability; second, to develop a curriculum that will be more aligned with the skills needed for the 21st century economy; third, we propose to expose workers to entrepreneurial activities in order to inculcate the principles and the desire to be entrepreneurs; and fourth, to develop modules to learn creativity and innovation processes. Upon completion of this year-long program, these workers will not only be job ready but will be able to add value to their future employers by bringing creative and innovative approaches to work. Courses and activities that combine on-line learning and classroom interaction are ideal for displaced workers. Once retrained, these individuals can be placed, for example, in infrastructure repairs in public works, information technology and other related technical specialties. For those who aspire to start their own businesses, the entrepreneurship module will provide them with the skill set to start developing their own businesses. The School of Technology currently operates an incubator-type business center which will be used in training those aspiring to start new businesses. Specialized courses will be offered in various areas of business applications.

Project Name: Transformational Biomedical Activities through Materials Innovation for Economic Impact and Development of a Globally Competitive Workforce

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$1,000,000

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds): According to the requestor this project is a valuable use of taxpayer funds because it will achieve transformational biomaterial systems that will interface with the human body to prolong and improve quality of life, coupled with the development of

a vibrant, diverse workforce well-prepared for the multidisciplinary and global challenges and opportunities of the new millennium.

This transformational biomedical research can lower healthcare costs and to facilitate economic and healthcare development in the U.S. through innovation to broaden the scope of technologies to treat disease and to strengthen the global position the US health care system by establishing and training of the 21st century STEM (Science, Technology, Engineering and Mathematics) workforce (pre-college and college), providing students with technical education relevant to 21st-century careers in advanced processing, bioengineering and materials, competing with any worker in the world, creating opportunities for STEM workforce hurt by the economy to pursue new research and education in futuristic fields (STEM teachers at all levels), working closely with targeted industries in key biomedical areas for innovation, nucleating a seamless team work amongst scientists, industrial partners and students, providing opportunity for discovery and entrepreneurship (small business opportunities) and creating jobs in cutting-edge-technologies that will help USA succeed in a global economy.

Project Name: High Performance Computing in Biomedical Engineering and Health Sciences Benefiting the War Fighters and the Public

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$4,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because new emerging technologies are required to facilitate revolutionary transformations and improvements in the health care and life quality of the US population while reducing skyrocketing health care costs. The rapid developments in computational science and engineering and high performance computing are now making high fidelity modeling and simulations and visualization essential tools in several scientific and engineering disciplines. Such techniques have significant potential for applications in biomedical and health sciences towards improving the quality of health care and life through physics based modeling of human physiological systems. For example, the principles of computational fluid dynamics and structural mechanics have applicability for the research, design and developments in medical implants, safe and effective surgical processes and in other health science areas that can result in benefiting the rehabilitation of disabled veterans and the public and significantly improving their quality of life. The work will require developing simulation based virtual environments of human physiological systems to facilitate intelligent and effective medical advancements based on a synergistic merger of interdisciplinary principles of medicine, human and biological sciences, engineering, computational sciences and enabling computing technologies.

Project Name: Low-Power Microelectronics for Harsh Environments Encountered in NASA Missions

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$1,130,256

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because the primary objective of this proposed research is to design and implement key low-power microelectronic circuits for lunar and planetary missions for NASA. These missions require low-power microelectronic circuits that can work reliably under exposure to radiation and extreme temperature changes (extreme harsh environment).

The challenge for designers in leading-edge technologies is to devise strategies to yield a large number of high-performing chips per wafer in the presence of large process variability. Extreme temperature changes and radiation exposure has similar effects causing variance in transistor parameters. NC A&T State University proposes to add control circuitry that will compensate for the process and environmental (radiation, temperature) variations in situ. This control circuitry can be applied at both the sub-block and system level allowing the designer to focus on the performance goals and not on yield related issues. The central idea is to accept the variations due to process and environmental conditions as they are and allow the control system to correct for them. This can be viewed as designing circuits capable of self-healing through various control mechanisms.

Project Name: Cattails as an Alternative Crop for Biofuel Production

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$2,500,500

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because the objective of this proposal is to demonstrate the potential of producing fuel alcohol from cattails as the best energy crop in North Carolina and the US. Since cattails grow in marginal lands and produce high yield they have the potential of high returns to farmers. Furthermore, cattails produce high yields when they are fed with waste water from livestock operations. We will plan a series of studies aimed at evaluating the

feasibility of utilizing cattails to remediate the animal waste problem on American farms and to produce high value biofuels for use in farming and transportation.

Project Name: High Performance Computer Assisted Advanced Multi-Scale Material Design

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$1,900,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it would focus on computational science engineering technologies and enabling high performance computing techniques with emphasis on the high resolution, multi-scale, multi-dimensional modeling for the computer assisted material design of advanced material systems; accurate computational techniques bridging the different conservation models and constitutive behavior for the computational design and analysis of multi-component advanced material systems. The request is for the development of research expertise and human resources, computational equipment, and labor for faculty members, three to four Computational Science & Engineering graduate students (esp. underrepresented minorities) and two undergraduate students. A fundamental and thorough technical understanding of the physical characteristics, appropriate mechanics, mathematical principles and their modeling is critical for the accelerated development and insertion of multi-component material systems that provide the superior functionality for engineering applications in both civilian and defense sectors into next generation applications envisioned in the fields of aerospace, energy, transportation, medicine and health in the civilian, defense and homeland security sectors. It is essential for United States to be a leader in this critical technology area of computer assisted advanced multi-scale material design. Computational modeling and high performance computing are essential to provide the strong foundation for such leadership.

Project Name: Renewable Energy Center

Recipient: North Carolina A&T State University

Recipient Street Address: 1601 E. Market Street Greensboro, NC 27411

Requested Amount: \$4,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because North Carolina A&T State University is proposing the Alternate Energy Center to develop a comprehensive approach to convert starch crops and cellulosic

biomass to ethanol fuel and bio-products. Prospective starch crops include hull-less barley and industrial sweet potato while prospective cellulosic biomass include corn stover and switchgrass. Food wastes such as cheese whey, starch waste, and pulpy waste of fruit and vegetable processing also will be studied for their potential for production of ethanol and biobased materials in this project. Cost effective pretreatment and fermentation technologies will be developed to reduce the production cost of biofuel and biomaterials.

This project will impact North Carolina agricultural communities by providing farmers, food and bio-based industries and the general public with knowledge and opportunities for biofuel and biomaterials production in North Carolina. The new uses for agricultural crops for fuel production and agricultural by-products will increase farmer income and produce new job opportunities in the rural areas of North Carolina. The project also has the potential to impact agricultural communities throughout the United States by developing new energy crops and new conversion technologies to produce biofuels and other value added products.

Project Name: Downtown Health Plaza Clinic Expansion

Recipient: North Carolina Baptist Hospital (NCBH)

Recipient Street Address: NCBH Downtown Health Plaza
1200 North Martin Luther King Jr. Drive
Winston-Salem, NC 27101

Requested Amount: \$600,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because the project will expand clinic space and service hours at the Downtown Health Plaza (DHP), which will increase access to care, better ensure medical privacy and reduce non-emergent visits to the Emergency Room (ER). In fiscal year 2008, the DHP had approximately 62,000 outpatient visits, primarily serving a minority population (82% of visits). A majority of the patient population served relies on the federal government as their primary payer for medical services, as 48% are covered by Medicaid and 12% are covered by Medicare. Each visit in a primary care setting that prevented an ER visit not only helped the patient, but also benefited the entire Forsyth County community in human and financial costs. Expanding clinic space and after-hours services will also benefit the Medicaid program by reducing visits to the ER. It is anticipated that the expansion of the pediatric space alone will create an average cost savings of more than \$150,000 per year. The continuation of growth for the DHP by expanding clinic space and service hours will also create employment in construction and health-related fields. Moreover, this project will provide the indigent community of Winston-Salem better access to their medical home, thereby increasing clinic access, decreasing wait times and reducing visits to the ER for primary health concerns. NCBH subsidizes the clinic each

year at a cost of about \$5,300,000 and is the dominate provider for indigent patients in this community.

Project Name: Klumac Road Grade Separation

Recipient: North Carolina Department of Transportation Rail Division

Recipient Street Address: 1553 Mail Service Center
Raleigh, NC 27699

Requested Amount: \$5,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the grade separation over Norfolk Southern Railway/North Carolina Railroad in Salisbury provides a direct connection to NC 150. This project will enhance safety and mobility for both highway and railroad freight and passenger operations.

Project Name: Future I-74 in Forsyth County, North Carolina

Recipient: North Carolina Department of Transportation

Recipient Street Address: 1 S. Wilmington Street
Raleigh, NC 27601

Requested Amount: \$2,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it involves construction of the eastern section of the Winston-Salem Northern Beltway, which will become part of the Congressionally-designated Interstate 74 corridor. The project will provide congestion relief, improve north-south connectivity, and enhance safety for motorists using the corridor by providing an alternative to existing facilities that experience recurring congestion and flow breakdown conditions. Funding is being requested to help address escalating costs.

Project Name: I-85 in Davidson and Rowan Counties, North Carolina

Recipient: North Carolina Department of Transportation

Recipient Street Address: 1 S. Wilmington Street
Raleigh, NC 27601

Requested Amount: \$10,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it involves widening of an older section of Interstate 85 constructed in the late 1950s and replacement of a narrow bridge carrying I-85 over the Yadkin River. It will provide much-needed congestion relief and enhanced safety along a heavily-traveled multi-state north-south motoring and freight transport corridor by eliminating a bottleneck between wider sections of roadway to the north and south of the project. Funding is being requested to help address escalating costs.

Project Name: I-485 in Mecklenburg County

Recipient: North Carolina Department of Transportation

Recipient Street Address: North Carolina Department of Transportation
Program Development Branch
1542 Mail Service Center
Raleigh NC 27699-1542

Requested Amount: \$2,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because these funds would be used for the completion of the Charlotte Outer Loop between NC 115 and I-85. Due to escalating construction costs, completion of Charlotte's Loop has been delayed. The requested funds would be used to help fill the funding gap that was created by the escalating costs. I-485 is a critical transportation corridor that upon completion will mitigate congestion in the area. The completion of the Charlotte Outer Loop is strongly supported by local citizens and government.

Project Name: US 52 in Davidson and Forsyth Counties, North Carolina

Recipient: North Carolina Department of Transportation

Recipient Street Address: 1 S. Wilmington Street
Raleigh, NC 27601

Requested Amount: \$2,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it involves upgrading and modernizing the US 52 corridor to improve

mobility and enhance safety. It includes two aspects: 1) specific geometric improvements to the section of the corridor from I-85 near Lexington north to I-40 in Winston-Salem which will bring it up to Interstate standards, and 2) geometric and operational improvements in the downtown area of Winston-Salem, including creation of auxiliary lanes and consolidation of on-off ramps to reduce weaving conflicts. Funding is being requested to help address escalating costs.

Project Name: Charlotte Railroad Improvement and Safety Project (CRISP)

Recipient: North Carolina Department of Transportation Rail Division

Recipient Street Address: 1553 Mail Service Center
Raleigh, NC 27699

Requested Amount: \$5,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the grade separate Norfolk Southern Railway from CSX Transportation (now the railroads cross at-grade underneath Brookshire Freeway) and provide crossing for CATS O-Line project, close 9 at-grade crossings, enhances freight, intermodal, commuter and intercity passenger access. The project also has significant community benefits as it eliminates idling trains and the need to sound horns at crossings.

Project Name: Lexington Intercity Train Station

Recipient: North Department of Transportation Rail Division

Recipient Street Address: 1553 Mail Service Center
Raleigh, NC 27699

Requested Amount: \$9,500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the Town of Lexington has requested that a new intercity passenger stop be added for the state-sponsored Carolinian and Piedmont trains. An Amtrak analysis of revenues and ridership had reported that the stop would support the operating cost of adding it to the train services.

Project Name: Mentoring Programs for At-Risk Youth

Recipient: North Carolina Mentoring Partnership / Communities in Schools

Recipient Street Address: 222 N Person Street, Raleigh, NC 27601

Requested Amount: \$500,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the North Carolina Mentoring Partnership/CIS seeks to expand and enhance the impact, availability and support for mentoring at-risk children and youth in NC. They need to replicate proven, research based best practices to reach more young people.

Mentoring is a cost-effective intervention for young people and has a solid track record of success, especially when working with other youth agencies to provide support. The importance of children having a caring adult in their life is well documented. According to studies the key to preventing youth and substance abuse in young people is to improve the “real, live, day-to-day connections” between responsible adults and young people. So many children need these connections, especially now with the struggling economy. According to the National Research Council Panel on High-Risk Youth, at least seven million youth are at risk of failing to achieve productive adult lives. The figures equal a quarter of adolescents in the US ages 10-17. While the North Carolina Mentoring Partnership/Communities in Schools knows that they have impacted the lives of children in NC and helped them stay in school and achieve, they continue to see the need increase as more and more children spiral down the road toward failure. With an unacceptable graduation rate of 69.5%, they know that one in three of our youth will not graduate without intervention.

Project Name: ARNG Soldier/Family Support: NCNG Family Assistance Centers

Recipient: North Carolina National Guard

Recipient Street Address: 4105 Reedy Creek Road
Raleigh, NC 27607

Requested Amount: \$1,600,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because since 9/11, the North Carolina National Guard (NCNG) has experienced an unprecedented operational pace that includes mobilizing over 95% of the force. Current indications are that this pace will continue for the foreseeable future. These mobilizations have a significant effect on our families and children. One of the most vital lessons learned is that they experience this impact not only during the deployment, but prior to and especially after the service member returns. Family Assistance Centers (FACs) provide essential support and services to families of members of the NCNG and of all the other Armed Services. These services would include counseling, health care information, financial advice, employer support, legal support and guidance, crisis

referral, community outreach, veteran affairs and more. Unlike the active component, NCNG families are not geographically centered near installations like Fort Bragg, Seymour Johnson or Camp Lejeune, all of which provide these services to their members. Instead, NCNG families are spread throughout the state and in most cases cannot get to these installations on a routine basis or without some hardship. Establishing FACs across the state allows the NCNG to provide consistent and continuous vital support and services to the families of members of the NCNG and the Armed Services. Funding this program will significantly reduce the impact on families and will directly contribute to sustaining a strong North Carolina National Guard. Support of families has a direct strategic impact upon the National Guard as families play a major role in a service member's decision on whether to remain in the National Guard. Trained, experienced service members, who remain in the military, save recruiting and training costs and enhance unit readiness.

Project Name: C-130 Squadron Operations Facility

Recipient: NC Air National Guard

Recipient Street Address: 145th Airlift wing
5225 Morris Field Drive
Charlotte, NC 28208

Requested Amount: \$8,000,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the 156th Airlift Squadron, North Carolina Air National Guard, Charlotte, NC, performs the vital mission of training, testing, certifying, planning, and scheduling C-130H aircrews in support of State and Federal missions. The current facility does not meet mission needs, life-safety standards, environmental standards, administrative, training and operational space. The facility was built 35 years ago and designed to support an Airlift Squadron that had 60 crewmembers. Due to mission increase, that same unit has 120 crewmembers with a corresponding growth in all support personnel. Limited administrative space, inadequate heating and air conditioning, and a constrained work environment makes for adverse working conditions. Insufficient aisle/movement space between desks and office equipment presents serious fire and safety hazards. Substandard to non-existent fire suppression systems place all assets at risk. Existing infrastructure supporting the facility is at maximum capacity, with no additional phone or network connections available and limited ability to stand-up computer-based training programs and forcing the aircrew readiness trainer to be located in another facility. Due to growth in female crewmembers, there is inadequate female restroom and aircrew locker space. All the above issues make it necessary to replace the existing facility. An efficient, safe work environment promotes effective mission training and planning, boosts morale, promotes teamwork, and improves command and control resulting in enhanced mission readiness in conducting global airlift operations.

Project Name: Addition of Equipment and Facilities to Support Distance Education

Recipient: University of North Carolina School of the Arts

Recipient Street Address: 1533 South Main Street, Winston-Salem, NC 27127

Requested Amount: \$875,000.00

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because it will make it possible for students to learn from currently active, successful artists and industry professionals with direct experience in their chosen discipline. This in turn will make students better equipped to be successful in their chosen careers and help to stimulate the growth of the new knowledge economy in North Carolina. The project will improve the instruction of students and reduce cost by making it possible for the UNC SA to hire the best adjunct faculty, from the centers of the industry and the arts around the country, while avoiding travel and living costs.

Project Name: Center for Design Innovation (CDI)

Recipient: University of North Carolina School of the Arts/Winston-Salem State University

Recipient Street Address: Winston Tower, Suite 2105, 301 North Main Street, Winston-Salem, NC 27101

Requested Amount: \$810,200

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the CDI will help the Piedmont Triad transition from its historically manufacturing-based economy to the new knowledge economy of the 21st Century. Studies show the Piedmont Triad has an emerging creative enterprise cluster that employed over 22,000 creative workers in 2007. The CDI will help to accelerate the growth of the creative enterprise cluster creating new high-skill jobs, new businesses, and new tax revenues. The CDI aims to accelerate the growth of creative industries in the region by building on the strengths of the UNC School of the Arts and Winston-Salem State University, working in partnership with Forsyth Technical Community College. The Center will facilitate interaction between businesses and the partnering schools on research projects, in workforce development programs, and by fostering entrepreneurial activity to capitalize on research results.

Project Name: Film Scoring Stage Renovation and Expansion

Recipient: University of North Carolina School of the Arts

Recipient Street Address: 1533 South Main Street, Winston-Salem, NC 27127

Requested Amount: \$1,084,500

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the renovated scoring stage will enhance instruction in our School of Filmmaking and provide new opportunities for collaborations between the UNCSA School of Filmmaking and the UNCSA School of Music. It will also help attract commercial film post-production to the region generating jobs, stimulating economic activity, and increasing tax revenues. This project is one component of a larger initiative to expand the film industry in North Carolina to create jobs and stimulate economic activity. The funding requested would be use to renovate and equip an existing film scoring stage on the UNCSA campus making it available for instructional and commercial use. This capability is extremely rare and in constant demand. The scoring stage will increase the capacity of the UNCSA to support graduate film and music programs, and to foster active collaborations with UNCTV, NPR, the Winston-Salem Symphony, the Greensboro Symphony and others.

Project Name: Davidson Community Center

Recipient: Town of Davidson, NC

Recipient Street Address: 216 South Main Street
P.O. Box 579
Davidson NC 28036

Requested Amount: \$900,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this is a valuable use of taxpayer funds because the Town of Davidson is partnering with Charlotte-Mecklenburg Schools to renovate the historic and still functioning Davidson IB Middle School. Much of the current facility will be separately renovated by Charlotte-Mecklenburg Schools to continue to be used as a school, while Davidson will be responsible for adding 30,000 square feet onto the facility to be used as a community center. Portions of the new space will also serve as much needed new gymnasium space for students and residents, a public/school auditorium/performance space, and a 4,000 square foot community multi-purpose room in the existing gymnasium space that will also function as the school cafeteria. The facility will also serve as administrative space for the Town's Parks and Recreation Department, which currently rents 5,000 square feet of space. The new Community Center is a centrally located spot within 1.5 miles of nearly two-thirds of the residences currently in Davidson. The Davidson Community Recreation Center when

completed will serve to enhance the social, physical, cultural, and mental well being of the citizens through public recreation and cultural programs for all residents, as well as provide middle school children with needed recreation, performance, and cafeteria space.

Project Name: Griffith Street Bridge Pedestrian Safety Enhancements

Recipient: Town of Davidson, NC

Recipient Street Address: 216 South Main Street
P.O. Box 579
Davidson, NC 28036

Requested Amount: \$550,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the development of the Griffith Street Corridor in Davidson is considered a great success, but unfortunately a pedestrian route over the Griffith Street bridge of I-77 (Exit 30) is a serious and dangerous safety problem. The lack of crosswalks and the rapidly-moving vehicular traffic entering and exiting the interstate make the trek hazardous for all pedestrians, particularly the many senior citizens who live on the west side of the interstate. Knowing that a full reconstruction of the bridge to accommodate pedestrian facilities would not be possible until the widening of I-77 occurs (the project is currently unfunded and an estimate 20 years from construction), the Town is working with the North Carolina Department of Transportation (NCDOT) to reallocate pavement on the bridge to designate an area for pedestrian movements separated from the travel lanes. Pedestrian crosswalks would also be installed at each of the south ramp intersections with Griffith Street, and the northbound ramp would be widened to accommodate two turn lanes (one left and one right) and removal of the high-speed free-right turn that currently exists which is hostile to pedestrian crossings. The Town is currently working to develop the concept plan and will be collaborating with NCDOT during the spring of 2009 for approval of the concept and entering into a final design process, with construction anticipated to begin in late 2009. The Town is committed to improving the safety for all bridge users by fixing this design flaw in the original construction of this Interstate bridge, but will be solely funding the project because the NCDOT has no funding available for the project. The project will directly and equally benefit Davidson residents and Interstate 77 vehicular traffic using Exit 30 and the bridge.

Project Name: Investigations of Nigella-sativa for Prevention/Treatment of Breast Cancer

Recipient: Winston-Salem State University (WSSU)

Recipient Street Address: 601 Martin Luther King Jr. Drive, Winston-Salem, NC 27110

Requested Amount: \$127,849.46

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because federal funding will provide support for addressing the national health issue of cancer. WSSU proposes full investigations of chemical and biochemical properties of Nigella-sativa for potential prevention and treatment of breast cancer. In particular, they will study the efficiency and the contribution of the two major active constituents of Nigella-sativa, alpha-hederin (AH) and thymoquinone (TQ) in inhibiting tumor growth. WSSU will investigate the efficacy of treatment using changes in apoptosis via time-lapse video microscopy; and changes in cell cycle using flow cytometry (size of cells vary between ½ million and 1 million).

This two-year project intends to provide a cost-effective and yet efficient prevention and treatment of the tumor using Black Seed (Nigella-sativa). The project once successfully implemented will greatly enhance the quality of life for breast cancer patients, in particular those within health disparities populations. Both the financial and physiological burden of chemotherapy will be reduced using this natural product.

Project Name: Real Men Teach

Recipient: Winston-Salem State University

Recipient Street Address: 601 Martin Luther King Jr. Drive, Winston-Salem, NC 27110

Requested Amount: \$1,593,659

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because the project is an academic support program designed to increase the number of minority male P-12 teachers by providing strategic support and mentoring to undergraduate male students (protégés) who are pursuing careers as teacher educators. The program secures mentors who represent three domains that significantly impact the development of these students: the academic, personal, and social dimensions. Each student is assigned three mentors, one representing each domain, and receives support from his respective mentor in the areas of academic, personal, and social development. Specific target populations are African American and Hispanic males.

National statistics indicate that over 73% of P-12 teachers are females and of the remaining 27%, fewer than 18% are minority males. Real Men Teach will address this national problem by increasing the number of minority male P-12 teachers by providing strategic support and mentoring to undergraduate male students (protégés) who are pursuing careers as teacher educators.

Project Name: Regional Health – Take the Pressure off Saturdays (TOPS)

Recipient: Winston-Salem State University

Recipient Street Address: 601 Martin Luther King Jr. Drive, Office of Sponsored Programs, Winston-Salem, NC 27110

Requested Amount: \$1,125,000

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because federal funding will provide the opportunity for Winston-Salem State University (WSSU) and Elizabeth City State University (ECSU) to address national health concerns. WSSU proposes to partner with ECSU and regional private and public health care providers to make blood pressure and obesity screening accessible to rural residents regardless of financial status and as an ongoing project that provides training for Health Studies students. This partnership will enable WSSU and ECSU to replicate the program services in the eastern region of our state, collaborating with ECSU faculty, and providing training and internship opportunities for ECSU undergraduate Health Education majors. Specifically, services will be provided by WSSU students for Forsyth, Davie, Stokes and Yadkin counties one semester and by ECSU students for Pasquotank, Camden, Gates and Perquimans counties the next semester in an alternating fashion.

Project Name: Increasing Access to Health Provider Education: Creating a Virtual Health Community

Recipient: Winston-Salem State University

Recipient Street Address: 601 Martin Luther King Jr. Drive, Office of Sponsored Programs, Winston-Salem, NC 27110

Requested Amount: \$554,260

Explanation of the request (*must include purpose and why it is a valuable use of taxpayer funds*): According to the requestor this project is a valuable use of taxpayer funds because Winston-Salem State University (WSSU) proposes to partner with regional clinical providers and community colleges to create a “virtual health community”. The virtual health community will provide online and onsite training for health care students as well as continuing competence and work re-entry training for licensed providers.

The virtual health community will provide a robust method for interconnecting academic training programs with clinic partners thus amplifying regional resources and increasing patient access to well educated and competent health care providers. Through collaborations with other healthcare organizations throughout the region, the virtual

health community initiative will enhance the efforts of WSSU in serving the regional and national need for more highly-trained healthcare workers.