



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 8/20/2009 4:23:07 PM		<b>Easygrants ID:</b> 2700	
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption		<b>Applicant Organization:</b> Fayetteville State University	
<b>Task:</b> Submit Application - Non-Infrastructure Programs		<b>Applicant Name:</b> Mr. Arasu T Ganesan	

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## A. General Application Information

### 1. Applicant Information

#### 1-A. Name, Address, and Federal ID for Applicant

<b>i. Legal Name:</b>	Fayetteville State University
<b>ii. Employer/Taxpayer Identification Number (EIN/TIN):</b>	561238736
<b>Street 1:</b>	1200 Murchison Road
<b>Street 2:</b>	
<b>City:</b>	Fayetteville
<b>County:</b>	Cumberland
<b>State:</b>	NC
<b>Country</b>	United States
<b>Zip/Postal Code:</b>	28301-4252

#### 1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:

<b>Prefix:</b>	Mr.
<b>First Name:</b>	Arasu
<b>Middle Name:</b>	T
<b>Last Name:</b>	Ganesan
<b>Suffix:</b>	
<b>Telephone Number:</b>	910-672-1477
<b>Fax Number:</b>	910-672-1792
<b>Email:</b>	nganesan@uncfsu.edu
<b>Title:</b>	Vice Chancellor, ITTS

#### 1-C. Other Required Identification Numbers





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<b>Prefix:</b>	Mr.
<b>First Name:</b>	Arasu
<b>Middle Name:</b>	T
<b>Last Name:</b>	Ganesan
<b>Suffix:</b>	
<b>Telephone Number:</b>	910-672-1477
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<b>i. Organizational DUNS:</b>	067188979
<b>ii. CCR # (CAGE):</b>	0KT18
<b>iii. Funding Opportunity Number:</b>	2
<b>iv. Catalog of Federal Domestic Assistance Number:</b>	<b>BTOP CFDA Number:</b> 11.557 <b>BTOP CFDA Title:</b> Broadband Technology Opportunities Program

**1-D. Organization Classification**

State or State Agency

**1-E. Applicant Federal Debt Delinquency Explanation**

Is the Applicant Delinquent On Any Federal Debt?

No

**Federal debt delinquency Explanation:**

**1-F. Congressional Districts of:**

**Applicant:** North Carolina - 2

**Program/Project**

North Carolina - 2

North Carolina - 7

North Carolina - 8

**2. Project Title and Project Description**

**2-A. Project Title :** Fayetteville State University/Fayetteville Metropolitan Housing Authority Computer Center

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**2-B. Project Description:** The purpose of this activity is to educate vulnerable populations about broadband, provide training access and equipment, and support FMHA and FSU in providing these services. Services provided will address economic growth and job creation in Fayetteville, North Carolina.

**3. Project Type**

Classify the particular project type for which you are seeking federal funding.

**Project Type:** Public Computer Center

**Project ID:** 2

**4. Application ID for Multiple Submissions for Identified Service Areas**

**5. Estimated Funding (\$):**

<b>Estimated Funding (\$):</b>	
Federal	1,026,074
Applicant	445,368
State	
Local	
Other	93,000
Program Income	
Total	1,564,442

**B. Eligibility Factors**

**6. Eligibility Factors.**

The application must be completed fully, and all required supplemental documentation must be

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attached.

**Applicants must commit to substantially completing their Project (as defined in the NOFA) within two years of the award date, and completing the Project within three years of the award date.**

**Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.**

**Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.**

**The budget for the project must be reasonable and all costs must be eligible.**

**6-d.** Applicant is providing matching funds of at least 20 percent towards to the total eligible project costs or is requesting a waiver of the matching requirements.

**Yes**

**Matching Fund Waiver Request Explanation**

## **C. Executive Summary**

### **7. Executive Summary of Overall Proposal:**

There is a significant need for a public computer center in the proposed target area. This population lacks: (1) knowledge and awareness of the true value of broadband services, (2) financial resources to purchase broadband services, and (3) basic computer skills to use these services. Moreover, many of these residents don't realize the role broadband services can play in furthering the education of their children who are often enrolled in low performing schools.

The socio-economic profile of the targeted population is listed below:



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- Nearly 60 percent of the residents are unemployed.
- The average annual household income is \$15,000.
- The primary source of income for most individuals is governmental subsidies.
- More than half of the area residents hold a high school diploma or less.
- Property values are deplorably low and business activity in this neighborhood is virtually non-existent.

Previous research has demonstrated that individuals residing in an area of concentrated poverty had only an 11 percent probability of access to a home computer compared to those residing in an upper middle-class community, where the probability of access rose to 67 percent.

Moreover, individuals residing in areas with low educational attainment (zip codes with only 61 percent of the population with a high school diploma or higher) were 56 percent less likely to have a home computer than the same respondent living in a zip code where 87 percent of the population had a high school diploma. These findings suggest that concentrated poverty and educational opportunities in communities shape access to technology (FMHA, 2009).

The project will provide the following services for the targeted population:

- Training and awareness on the importance of broadband services
- Outreach and orientation sessions to publicize the availability of services
- Ongoing technical training and awareness programs on web-based resources (e.g., educational and health services)
- Ongoing digital literacy training
- Computer Center accessibility to vulnerable populations served by a variety of support services organizations (i.e. our anchor institutions)

The proposed project represents a collaboration among several anchor institutions including: Fayetteville State University (FSU), The Fayetteville Metropolitan Housing Authority (FMHA), Consumer Credit Counseling Services, Cumberland County Public Library, North Carolina Cooperative Extension and The Fayetteville Business Center. The Computer Center will rely on the services of local agencies and University faculty and staff to provide educational and other supportive services to vulnerable populations. Both the problem and the proposed solution address the BTOP purpose of providing broadband education, awareness, training, access, equipment, and support to community anchor institutions, job-creating strategic facilities and vulnerable populations.

Areas to be Served and Demographics-Old Wilmington Road, Grove View Terrace, Murchison Town Homes

Qualifications of the Applicant- Fayetteville State University (FSU) was founded in 1867, and

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became a member of the University of North Carolina (UNC) System in 19977. The UNC system is comprised of 17 institutions, including two high schools and five Historically Black Colleges and Universities (HBCs). The 156-acre main campus is located in the City of Fayetteville, the largest municipality in Cumberland County.

In late 2007, all campuses within the UNC System were asked to participate in the UNC Tomorrow initiative to determine how the University of North Carolina and its 17 constituent institutions can respond more directly and proactively to the 21st century challenges facing North Carolina. The proposed project is perfectly aligned with the purpose of UNC Tomorrow initiatives which are predicated on teaching, research, and public service. FSU, through its community based economic development non-profit organization (FSU Development Corporation), has committed to strengthening its role in developing and managing community redevelopment efforts, providing more resources for economic transformation and community development, and continuing efforts to increase opportunities for small and minority-owned businesses.

Prior to the UNC Tomorrow Initiative, FSU was a leader in economic transformation in the Murchison Road Corridor (MRC). Over the last 20 years, the University has been at the forefront of the redevelopment of the MRC, including the completion of the Murchison Road/College Heights Master Economic Development Plan. This Plan provides the rationale for redevelopment efforts and identifies business investment opportunities within this long-neglected gateway to the city.

**Jobs to be Saved or Created-** The services provided by the project will help stimulate the economy by expanding capacity and creating jobs for those employed at the Center including cable and high tech equipment installers and Center staff.

**Overall Cost of Project-**The cost of the project for a three-year period is \$1,026,074.00.

## D. Project Purpose

### **Project Purpose: Recovery Act & BTOP Objectives**

#### **8. Project Purpose**

The purpose of this grant is to provide broadband education, awareness, training, access, equipment, and support to residents of subsidized housing and the general public. It will provide supportive services to facilitate greater use of broadband services by individuals who



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are low-income, unemployed, disabled, and elderly. The proposed project will serve as a catalyst for economic growth and job creation in Fayetteville, North Carolina.

There is a significant need for a public computer center in the proposed target area. This population lacks: (1) knowledge and awareness of the true value of broadband services, (2) the financial resources to purchase broadband services, and (3) the computer skills required to exploit the advantages of broadband service. Moreover, many of these residents don't realize the role broadband services can play in furthering the education of their children who are often enrolled in low performing schools.

The economic profile of the targeted population is listed below (FMHA, 2009):

- Nearly 60 percent of the residents are unemployed.
- The average annual household income is \$15,000.
- The primary source of income for most individuals is governmental subsidies.
- More than half of the area residents hold a high school diploma or less.
- Property values are deplorably low and business activity in this neighborhood is virtually non-existent.

Previous research has demonstrated that individuals residing in an area of concentrated poverty had only an 11 percent probability of access to a home computer compared to those residing in an upper middle-class community, where the probability of access rose to 67 percent. Moreover, individuals residing in areas with low educational attainment (zip codes with only 61 percent of the population with a high school diploma or higher) were 56 percent less likely to have a home computer than the same respondent living in a zip code where 87 percent of the population had a high school diploma. These findings suggest that concentrated poverty and educational opportunities in communities shape access to technology.

The degree to which the proposed solution addresses problem and could be replicated  
Technical Approach

The Center will consist of 30 workstations, each with broadband capacity provided by Fayetteville State University (FSU) via NCMC, a nonprofit Internet service provider for the University of North Carolina System. Through NCMC, FSU has an OC1'2 connectivity to the Internet. The Information Technology and Telecommunications System (ITTS) staff will provide configuration of the systems, training, and ongoing maintenance at no cost to the project. ITTS will purchase the necessary computer hardware and software to implement the



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project.

**Programmatic Approach**

In collaboration with FMHA, the Fayetteville Business Center, Consumer Credit Counseling Services, Cumberland County Public Library, North Carolina Cooperative Extension, and other low income supportive services providers, FSU staff will identify individuals to receive broadband training, Internet access and support, computer skills training, job skills training, health education, and computer equipment. These services will be provided through classes, community forums, online training, focus groups, community support activities, and hands-on internship opportunities. The proposed services will advance learning, address economic growth, and provide job creation through the expansion of the University's current capacity to serve.

**Replication by Other Organizations**

This project could be replicated by other organizations particularly within a state's University system. The primary partners participating in the development of this project have constituent organizations or similarly structured agencies within the state and across the nation. Through collaborations and partnerships, similarly funded state organizations may leverage broadband funding, enhance broadband education, and increase broadband awareness.

**Degree to which Problem & Proposed Solution Advance One or More BTOP Purposes**

The FSU/FMHA project will address and advance one of the five BTOP purposes. The project will expand the University's current capacity to provide broadband education, awareness, training, access, equipment, and support to residents of subsidized housing. It will provide supportive services to facilitate greater use of broadband services by individuals who are low-income, unemployed, disabled, and elderly. The services provided by the project will help stimulate the economy by expanding capacity and creating jobs for those employed at the Center including cable and high tech equipment installers and Center staff.

Our data shows the targeted population does not have the financial resources to access broadband services. In order to address this problem, the project will acquire broadband related equipment, instrumentation, networking capability, hardware and software, and digital network technology. Once the Center is established, the project will provide the following services for the targeted population:



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- Training and awareness on the importance of broadband services
- Outreach and orientation sessions to publicize the availability of services
- Ongoing technical training and awareness programs on web-based resources (e.g., educational and health services)
- Ongoing digital literacy training
- Computer Center accessibility to vulnerable populations served by a variety of support services organizations (i.e. our anchor institutions)

The project objectives will be substantially completed in two years and totally completed within three years following the date of issuance of the grant award.

**9. Recovery Act and Other Governmental Collaboration.**

The proposed Computer Center represents a partnership between FSU and the Fayetteville Metropolitan Housing Authority (FMHA), which is funded by the Public Housing Capital Fund Program (\$1,881,523). The funds are used primarily for the modernization of public housing units with a portion allocated for resident education programs. FMHA is also the recipient of a \$20 million HOPE VI grant funded by the Department of Housing and Urban Development. The grant will be used to demolish and rebuild 249 units of public housing. Residents who are a part of the HOPE VI process are encouraged to increase their skills and income through education, job skills workshops, and entrepreneurial training.

FSU and FMHA have also partnered with the Consumer Credit Counseling Services and the Cumberland Community Action Program. Consumer Credit Counseling Services receives funding from the following governmental programs: (1) the National Foreclosure Recovery Program (\$465,000), a foreclosure prevention program; (2) the Department of Housing and Urban Development (\$57,000), a loan document review initiative; and (3) the North Carolina Justice Department (\$210,000), a foreclosure prevention and loss mitigation initiative. The Cumberland Community Action Program (\$1,052,000) assists low income families in identifying a path to home ownership through its ASPIRE Program.

The proposed Center will also provide an opportunity to participate in the N.C. Energy Program for the American Recovery and Investment Act. This program includes North Carolina's Green Workforce initiative (\$6.85 million) which employs the services of the community college and university systems as well as other workforce development agencies to meet the training needs of the emerging green economy. The training portion of the proposed project is facilitated by faculty and staff from each of these entities. These facilitators can



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provide participants with the requisite skills to solve energy problems, reduce energy usage, and save energy costs.

The shared activities and potential synergy from this leveraged funding represent a strategic use of federal dollars.

#### **10. Enhanced Services for Health Care Delivery, Education, and Children**

The FSU/FMHA Computer Center will go beyond providing access to broadband services to include the delivery of more robust health care and educational services for adults and children. The target group using the Center will include vulnerable populations, such as individuals who are low-income, disabled, unemployed, and seniors. The Center will offer access to online health and educational services to a population who do not have the financial resources to access these services from their homes.

Broadband services for health care delivery will include access to the following:

- Information on health services and resources
- Medical and health records
- Webinars on health care issues
- Health related classes
- Job skills training in various health fields
- Information on preventive health care
- Opportunities for interactive communication on health problems
- Information on disability and services for the disabled
- Information on medical problems affecting children
- Information on gerontology (for seniors)

Broadband services for other educational opportunities for adults and children will include access to the following:

- The Worldwide Web
- Online GED and college level courses
- Electronic email accounts
- Training to improve job skills and professional development
- Opportunities to search for jobs and submit job application online
- Opportunities to submit financial aid and college applications online
- Resources for children to complete homework assignments



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- Opportunities to apply for government benefits
  - Opportunities to participate in educational video conferencing and workshops
- Enhance broadband capabilities to the anchor institution will benefit the vulnerable population, who will utilize the Center the most. It will also allow health care providers to enhance the availability and quality of services they provide to vulnerable populations to address major health problems. Enhanced broadband capabilities will benefit all levels of education for the vulnerable population; it will support the delivery of all possible health services and resources as well as other educational services for both adults and their children. The services provided at the Center will decrease the disparity in access to broadband education between low-income and moderate to high income households.

**11. Small and Disadvantaged Business Involvement**  
**FAYETTEVILLE BUSINESS CENTER**

**MISSION STATEMENT:** To promote economic development in the City of Fayetteville and the Murchison Road corridor by providing nurturing and training for entrepreneurs to include technical assistance in the growth and development of small business concerns. The Fayetteville Business Center subscribes to the promotion of a healthy entrepreneurial spirit for the growth and economic renewal of the community.

**BACKGROUND AND OVERVIEW:** The Fayetteville Business Center is a:

Certified incubator located in a HUB zone and officially opened on October 19, 2001

Provider of affordable office space to service industry clients. The office provides furniture, utilities, a high speed Internet connection, a copier, fax machine, and postage meter

Provider of technical assistance in the area of business planning and entrepreneurial training for newly formed and existing businesses. Behavioral and entrepreneurial seminars/workshops to enhance business and job skills are offered to the tenant and public in our targeted area

Provider of SBA Express Loans via Innovative Bank

Collaborative partner with the Small Business and Technology Development Center (SBTDC), the Fayetteville Business & Professional League, Fayetteville-Cumberland County Chamber of



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Commerce, and the Community Development Department of the City of Fayetteville.

## WORKSHOPS

NxLevel Business Plan Workshop  
HUB Contractors Business Academy  
Youth Entrepreneurship & Investment Camp

## E. Project Benefits

### E-1 – Expanding Broadband Public Computer Center Capacity

#### Public Computer Center Capacity, Including Areas and Populations Served

#### 12. Public Computer Centers Availability

The Center will be available to all members of the public; however, the target population will include the low income, elderly, disadvantaged, unemployed and students. There will not be a fee to access the computers, internet and informational workshops. The Center will be open from 8:00 a.m. until 9:00 p.m. Monday through Friday; from 9:00 a.m. until 6:00 p.m. on Saturday; and from 12:00 p.m. until 6:00 p.m. on Sunday.

#### 13. Restrictions on Public Computer Center Use

The classroom section of the center (20 workstations) will be restricted to use for workshops and training only. The open use lab will be unrestricted for public use. These limitations will control traffic flow and insure the best use of the Computer Center.

#### 14. Public Computer Centers Accessibility

The computer center will be accessible and welcoming to participants with disabilities. At least 2 workstations will be handicap accessible. The outreach activities will target individuals with disabilities. These workstations will be placed at the end of each isle. Furniture will be purchased to accommodate the disabled. Computer tables (hydraulic) will be adjustable to accommodate the handicap.



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Computer keyboards will be on a removable arm which will extend up, down, and sideways to meet the needs of disabled individuals. The center will also have wireless keyboards and mice to accommodate additional needs. Computer monitors will be purchased in all sizes from 19 inches to 24 inches. Computer software, JAWS and other software for the disabled will be installed. JAWS enhance the screen view for those completely blind. It reads the screen content; it also writes to the screen where the individual can speak to it.

The building housing the Computer Center is handicap accessible. Ramps and entrances to all doors are accessible for disable individuals and public restrooms are accessible.

**15. PCC - Center Locations, PCC - Center Capacity, PCC - Size and Scope of Target Audience.**

<b>PCC - Center Locations &amp; Center Capacity &amp; Size and Scope of Target Audience.</b>
Public Computer Center: FSU/FMHA Computer Center Address Line 1: 1047 Murchison Rd. Address Line 2: City : Fayetteville State: NC Zip: 28301  Computer Center Name /Type: FSU/FMHA Computer Center Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 0  Hours Open to Public: Average Hours Open to Public Per 120-hour Business Week: 0 Proposed Hours Open to Public Per 120-hour Business Week:65 Average Hours Open to Public Per 48-hour Weekend: 0 Proposed Hours Open to Public Per 48-hour Weekend:15  Broadband Workstations: Current # of Broadband Workstations: 0 Proposed # of Broadband Workstations: 30  Facility Broadband Connection Speed (MBps): Current Facility Broadband Connection Speed (MBps): .00 Proposed Facility Broadband Connection Speed (MBps): 10.00  # of Persons Served: # of Persons served per 120-hour business week (current): 0



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# of Persons served per 120-hour business week (proposed target): 120  
# of Persons served per 48-hour weekend (current): 0  
# of Persons served per 48-hour weekend (proposed target): 20

**16. PCC- SBA Population Demographics**

<b>Age Distribution</b>
Age Distribution: 5-19
Age Distribution: 20-29
Age Distribution: 30-39
Age Distribution: 40-49
Age Distribution: 50-59
Age Distribution: 60-69
Age Distribution: 70 and above

<b>Ethnicity or ethnicities</b>
Ethnicity: Hispanic
Ethnicity: Non-Hispanic White
Ethnicity: Non-Hispanic Black
Ethnicity: Non-Hispanic American Indian
Ethnicity: Non-Hispanic Asian
Ethnicity: Non-Hispanic Hawaiian or Pacific Islander
Ethnicity: Non-Hispanic Other



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Ethnicity: Two or More Races

**Gender**

Gender: Female

Gender: Male

**Median Household Income**

Median Household Income: Less than \$9,999

Median Household Income: \$10,000 - \$14,999

Median Household Income: \$15,000 - \$24,999

Median Household Income: \$25,000 - \$34,999

**Educational Levels**

Educational Levels: Elementary - Kindergarten - Grade 5

Educational Levels: Middle - Grade 6 to Grade 8

Educational Levels: Secondary - Grade 9 to Grade 12

Educational Levels: College

Educational Levels: Masters

**Disabilities status**

Disabilities status : Blindness, Deafness or a severe vision or hearing impairment

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Disabilities status : A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying

Disabilities status : A physical, mental or emotional condition lasting 6 months or more

Disabilities status : Not Applicable

**Unemployment Rate**

Unemployment Rate: 9.50

**Language**

Language : English - Primary

Language : English - Second Language

Language : Non-English Speakers

**17. Public Computer Centers Outreach**

FSU will draw upon the resources of its public radio station (WFSS) and other local media (e.g., radio, television, and newspapers) to provide, at no cost to the project, a series of publicity announcements which will inform vulnerable populations, community organizations, and schools of the goals, objectives, and services to be provided by the proposed Computer Center. In order to ensure usage of services and equipment at the Center, the staff will speak at meetings sponsored by a broad array of community organizations (e.g., FMHA, the Department of Social Services, the Fayetteville Business Center, and the Cumberland County school system).

The Director will submit press releases concerning the project on a regular basis to area newspapers, particularly those providing delivery services to vulnerable populations. The staff will inform public housing residents and other members of the community by appearing on radio and television programs to discuss the project's goals and services. Further, information on the project's services will be disseminated to residents via mail, library displays, utility bill enclosures, and information booths set up at 1 sites throughout the county. The Director will invite agency representatives to visit the Center and will submit the project's information for





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inclusion in supportive services agency brochures and newsletters.

The staff will conduct information and orientation sessions to individuals and families living in public housing and will highlight the benefits of participating in this project. In addition, the staff will distribute the project's brochures, posters and flyers at all sessions. Follow-up telephone calls will be made to reinforce program contacts. This promotional strategy is intended to reach a broad sector of the disadvantaged population including the low-income, unemployed, and those lacking the computer skills required to be marketable in this technology driven economy.

**Public Computer Center Capacity: Training and Educational Programs**

**18. Public Computer Centers Peripherals and Equipment**

FSU will install a 20 computer smart classroom and a 10 computer open use lab which will connect to a high speed local area network (LAN). The LAN will connect to the FSU Fiber Backbone via a 10 Megabit Metro Ethernet connect, which will be routed to the internet via FSU's GigaPop connection.

The center's main server and storage along with the network core will be housed in FSU main datacenter and managed by FSU's network and systems teams. The network core will consist of a chassis type router with dual supervisor modules. The network core will also include a full featured firewall. The centers file and storage server will consist of a dual quad core server class computer with 8 gigabytes of memory and 1 terabyte of raid 5 storage.

The classroom will consist of 20 dual core computers with 19 inch monitors running the Windows operating system. The classroom will include a ceiling mounted projector, a SMART board and a control podium. The open use lab area will contain 10 dual core computers with 19 inch monitors. All computers will connect to a high speed network switch which will give them access to the LAN and the Internet. Three multi-function devices that fax, copy, scan and print will also be connected to the LAN. The center will also provide wireless service.

Finally FSU will provide the center with telephone service by using voice over IP (VoIP) telephone equipment to connect back to the university's telephone switch.

**19. Public Computer Centers Workstation Software**

The standard software to be provided for the center will be the Windows Operating

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System and Microsoft Office Professional for all computer workstations. Virus scanning software will be provided.

Educational software will include software which provides sample tests and tutorials for the General Equivalency Diploma (GED), and Scholastic Aptitude Test (SAT) These programs will assist users in studying for and preparing to take these exams associated with getting a high school equivalency diploma and entering college.

Jaws software will be provided for the vision impaired. JAWS enhances the screen view for those completely blind. It reads the screen content; it also writes to the screen where the individual can speak to it.

Software which addresses other test taking skills; resume writing, math tutoring, reading comprehension, career development, and financial literacy will also be included for the computer workstations.

## **20. Public Computer Centers Training and Education Programs**

The curricula below addresses a host of primary educational needs found in the lives of persons in the targeted populations we serve. These needs are embodied in the need for self sufficiency – both economic and individual. Economic and individual self sufficiency traits developed in an atmosphere of broadband training and awareness will allow Computer Center users to become more productive members of society, obtaining increased levels of education, increased computer skills, increased job skills, and higher paying jobs. The areas of training highlighted in this holistic approach to self sufficiency include: broadband education and computer training, computer skills and job training, Financial Literacy, GED and Post Secondary Education, Homeownership and home maintenance, Health Education and Clinical Diagnosis.

The primary skills to be taught at the Computer Center revolve around Broadband Education and awareness. FSU faculty staff and interns will teach internet basics, providing them with a comprehensive awareness of the effects and benefits of the internet in our everyday lives as well as the techniques to efficiently navigating the internet. Specifically, the curriculum will include the following topics:



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**Internet Basics**

- What is the internet?
- What is the World Wide Web
- Bandwidth
- Safe Surfing
- Customizing your Browser
- Favorites
- History and Search
- Working with Web Pages
- Accessibility and Features
- Password Protection
- Secure Transactions
- Antivirus Software and
- Firewalls

Job Training skills will be taught through Cumberland County Workforce Development and Fayetteville Business Center staff. The curriculum will provide the entry level skill sets listed below.

**Job Training Basics**

- Participants will understand how to search for jobs on the internet
- Participants will understand how to apply for jobs online
- Participants will understand how to get information about the job market online
- Participants will understand how to find what markets and career fields are in demand by using online sources
- Participants will understand how to access online training

**Primary Healthcare Online Basics**  
Your medical account online

**Financial Literacy Curriculum**  
Money Smart

The Money Smart curriculum will be is an online course that will be taught with the assistance



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of the staff at our local Consumer Credit Counseling Services office. Course objectives seek to provide participants with a working knowledge of the following topics:

Bank on It - An introduction to bank services - understand available banking services and how to build a positive relationship with a financial institution

Borrowing Basics – An introduction to credit – understand how credit works and if they are ready to apply for credit

Check it Out – How to choose and keep a checking account –understand how to use a checking account responsibly

Money Matters –How to keep track of your money –understand how to manage money by preparing a personal spending plan and identifying ways how to decrease spending and increase income

Pay Yourself First –Why you should save, save, save –understand ways to save money and saving options towards their goal

Keep it Safe – Your rights as a consumer – understand how to protect finances and their identity

To Your Credit – How your credit history affects your future –understand how to read a credit report and how to build and repair credit history

Charge it Right – How to make your credit card work for your – understand credit cards and how to responsibly use them

Loan to Own – Know what you are borrowing before you buy – understand general information on installment loans

Your Own Home – What homeownership is all about – understand information on the steps to buying a home

The first time homebuyer curriculum will be taught by a HUD approved, HUD certified

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housing, counselor from Consumer Credit Counseling Services. The objective for this training is for the participants who complete the course to have a basic understanding of the topics listed below. Participants will obtain a thorough knowledge on how to recognize a credible source and where find resources to answer any questions that may arise during the homebuying/ home maintenance process.

**First-Time Homebuyer Course Curriculum**

**Homeownership Overview**

Homeownership counseling

Pros and Cons of homeownership

Owning v. renting

Types of properties

**Financial Preparations—the 4 C's**

Capital (savings or assets)

Downpayment & Closing costs

Moving Expenses

Reserves (money set aside for repairs and maintenance)

Capacity (income)

Gross Monthly Income

Employment History /Verification

Budgeting

Debt to income ratios

Credit

## **E-2- Project Benefits – Sustainable BroadBand Adoption**

### **21. Innovative Approach to Sustainable Broadband Adoption**

### **22. Sustainable Broadband Adoption Household Subscribers.**

How many total new home subscribers (household accounts) to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

### **23. Sustainable Broadband Adoption Institutional Subscribers.**



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How many total new business and/or institutional subscribers to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

**24. Sustainable Broadband Adoption Users of Public Access Facilities.**

How many total **users** of broadband in public computer centers or **users** of broadband **outside the home** (e.g., in a community college) do you expect to generate through use of BTOP funds over the entire life of the program funded?

**25. Sustainable Broadband Adoption Population Demographics.**

Please refer to PCC – SBA Demographics section (Section E1- Question 17)

**26. Sustainable Broadband Adoption People Trained/Educated.**

If you intend to provide training or education, how many people **in total** will your program(s) reach?

**27. Sustainable Broadband Adoption - Scope of Training/Education Programs.**

How many hours of training do you expect to provide *per person on average* for each participant in your training program(s), through completion of training for that individual? If you will offer multiple programs, provide estimates for each program.

**28. Sustainable Broadband Adoption Instructor Qualifications.**

How many (FTE) instructors/facilitators will you employ for broadband and digital literacy training purposes, and what are their qualifications (training and experience)?

**29. Sustainable Broadband Adoption Equipment Purchased.**

How many broadband-related equipment units (e.g. computers, wireless devices) do you intend to purchase overall?

**30. Sustainable Broadband Adoption Cost of Devices.**

What is the total up-front cost of this equipment?

**31. Sustainable Broadband Adoption Loan Program Participants.**

If you are providing an equipment purchase or loan program, for how many households, businesses and/or institutions do you expect to provide equipment or computers?

**Number of Households:**

**Number of Businesses:**

**Number of Institutions:**

**32. Sustainable Broadband Adoption Loan Cost to Borrower.**

If you are employing a loan program for purchases of service or equipment, what will be the total cost to the typical customer you assist over the life of the loan, including all interest and fees?

**33. Sustainable Broadband Adoption Target Population, Awareness Campaign.**

If you are conducting an awareness campaign, how many people do you expect your campaign will reach?

**34. Sustainable Broadband Adoption Awareness Campaign Methods**



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**35. Measuring Campaign Impact for Sustainable Broadband Adoption**

**36. Sustainable Broadband Adoption Total Cost Per New Subscriber.**

What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user?

**F. Project Viability**

**Technical Viability**

**37. Technology Strategy**

**37 - A. Public Computer Center Technology Strategy**

Clients that are unfamiliar with computers and application software will be provided both classroom and individual assistance as needed. One-on-one assistance as well as general helpdesk support will be available during all hours of operation. A class on safe computing will be presented to all clients before accessing the computers. The PCs in the classroom and the Open Use Lab will be loaded with the most recent versions of Microsoft Windows, Microsoft Office Professional, and other training software to support the mission of the Center. The network will be protected through various Access Control Lists (ACLs) Firewalls and Network Access Controls (NAC). With these controls in place, clients will have access to the full power of the Internet with all the security required to ensure a safe and beneficial computing experience. Telephone service will be provided through voice over IP (VoIP) telephone equipment that will connect back to the University's telephone switch.

FSU will install a 20 computer Smart Classroom and a 10 computer Open Use Lab which will connect to a high speed local area network. The local area network will connect to FSU's Fiber Backbone via a 10 Megabit Metro Ethernet connect which will then be routed to the Internet via FSU's GigaPop connection.

The center's main server and storage, along with the network core, will be housed in FSU's main datacenter and will be managed by FSU's network and systems teams. The network core will consist of a chassis type router with dual supervisor modules and enough fiber and copper ports to allow for moderate growth. The network core will also include a full featured firewall. The Center's file and storage server will consist of a dual quad core server class computer with 8





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gigabytes of memory and 1 terabyte of Raid 5 storage. In addition to providing clients with storage space, the server will provide login service and host the Center's webpage. The 20 seat Smart Classroom will consist of 20 dual core computers with 19 inch monitors running the Windows operating system and providing all software necessary to support the mission of the center. The classroom will also include a ceiling mounted projector, a SMART board, and a control podium. The Open Use lab area will contain 10 dual core computers with 19 inch monitors and will contain the same software as the classroom computers. All computers in the classroom and lab will connect to a high speed network switch which will provide access to the Local Area Network as well as the Internet. The Local Area Network will also feature 3 multi-function devices that will give customers the ability to scan, fax, print, and copy. Finally, the Center will provide wireless service for clients that may have laptops and need access to broadband services.

**37 - B. Sustainable Broadband Adoption Technology Strategy**

**Organizational Capability**

**38. Management Team Resumes.**

Please refer to upload section at the end of document.

**39. Organizational Readiness**

Fayetteville State University's Information Technology and Telecommunications Services division consists of 33 full-time technical staff led by two technical directors and Chief Information Officer. The division supports the University's technology needs by maintaining the campus broadband network that provides access to some 6,500 students, faculty, and staff. The ITTS staff has considerable experience in implementing, managing, training, and maintaining technology systems that provide enterprise services such as e-mail, website management, technology-enabled classrooms, computer labs, computer training classrooms, and large-scale administrative systems. Further, the ITTS staff has extensive training and experience in their respective areas and, as a team, has the capability to deploy and maintain a public computer center. Currently, the ITTS staff operates 11 computer labs including both open use labs and discipline specific labs. Each academic year, ITTS staff members are involved in the following tasks: (1) Refreshing at least one-third of the computer labs with new computers; (2) Scheduling and offering weekly computer skills training workshops, and (3)





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Upgrading all infrastructure hardware and software with vendor recommended patches and revisions. As the primary campus technology organization, ITTS seeks out internal and external opportunities for FSU students that are interested in computer related internships. Consequently, there is a large pool of students that can volunteer to perform training and troubleshooting services at the proposed Computer Center.

**40. Organizational Chart.**

Please refer to upload section at the end of document.

**Community Involvement**

**41. Key Partners**

**42. Partnering with Disadvantaged Businesses**

The Center will contract with disadvantaged businesses through

**Ability to Start Promptly & Timeline**

**43. Project Timeline and Challenges**

The project plan includes quarterly and more frequent milestones. The staff will submit all regulatory approvals to the funding agency in a timely manner and all partners will be prepared to support the project as needed. The project will start promptly and will be completed in an appropriate timeframe. We will substantially complete the project no later than 2 years of receiving the grant award; and will fully complete the project no later than 3 years following the date of issuance of the grant award. We do not anticipate any challenges or risks to the timely completion of the project. The services and activities included in the Timeline will be accomplished utilizing federal funds as well as in-kind donations. The implementation plan (on a quarterly basis) is as follows:

First Quarter: Submit all documents required of NTIA; sign contract on space for Center; physical build-out; purchase equipment; purchase software; technical build-out and register



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domain; meet with partners; staffing and hiring; staff training; publicity/and outreach; order office and educational supplies; resource development and finalize curricula; broadband education and computer training classes; broadband awareness; educational workshops; complete all required reports; ongoing maintenance.

Second Quarter: Staff training; publicity/recruitment; computer training classes; broadband awareness and education; meet with partners; ongoing maintenance, GED workshops; college access workshops; career development; completing financial aid and college admissions application online; financial literacy; complete all required reports; other educational workshops.

Third Quarter: Publicity/recruitment; computer training classes; broadband awareness and education; meet with partners; ongoing maintenance, GED workshops; college access workshops; career development; financial literacy; preparing for standardized tests; completing financial aid and college admissions application online; complete all required reports; other educational workshops.

Fourth Quarter: Publicity/recruitment; computer training classes; broadband awareness and education; meet with partners; ongoing maintenance; GED workshops; college access workshops; career development; financial literacy; preparing for standardized tests; completing financial aid and college admissions application online; complete all required reports; other educational workshops; consultant for evaluation.

**44. Non-Infrastructure Projects - Licenses and Regulatory Approvals**

**45. Legal Opinion.**

Please refer to upload section at the end of document.

**G. Project Budget & Sustainability**

**Project Profile: Budget and Budget Narrative**

**46. Budget Narrative**

See Supplemental Information 2



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**47. Non-Infrastructure Projects - Budget Reasonableness**

The budget is reasonable to carry out the project, eligible, and the allocation of funds will be sufficient to complete the tasks outlined in the project's plan. Budget expenditures are necessary and appropriate to the solution we are proposing. In order to fully implement the project's objectives, an adequate budget is necessary to administer services to the target population.

Funds in the budget will be used to acquire broadband-related equipment, instrumentation, networking capability, hardware and software, and digital network technology for broadband services. Funds will be used to develop and provide training, education, support and awareness programs and web-based resources. The project will use funds to facilitate access to broadband services, including, but not limited to, making the public computer center accessible to the disabled. In order to implement the project, budget expenditures are necessary and appropriate to accomplish the following:

**Salaries and Fringe Benefits** – The funds in salaries and benefits are allocated to support an adequate staff to provide training and broadband awareness to the vulnerable population.

Salaries and benefits are comparable to similar positions at the university.

**Staff Travel** – Staff will attend conferences/workshops in order to enhance their professional knowledge and skills to provide improved computer training services for participants.

**Equipment** – Equipment in the budget will be used for technical buildout for the computer lab.

Computers will be used by participants to complete training activities; by the staff to provide training and to store all other information relevant to the operation of the project. This equipment is necessary to carry out project activities, more economically and efficiently, and is needed to operate the project on a daily basis.

**Supplies** – Educational and consumable office supplies are needed to implement project services for participants and to operate the office on a daily basis.

**Other Costs** – Funds will be used to pay the monthly Rental Fee and Costs for Utilities. A Professional Consultant will be hired each year to evaluate the project, assess progress on achieving objectives; review office records to ensure federal funds are properly expended, determine compliance with federal regulations; and identify exemplary practices. Printing fees are necessary to cover cost of printing brochures to publicize the project and to duplicate materials. Telephone and Postage Expenses are used for publicity and outreach contacting participants throughout the year. An Awards Luncheon will be held at the end of the year to

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recognize those participants who completed computer training, received their GED and enrolled in college.

INDIRECT COST – The majority of the operating cost of the project is listed in the budget, the University is requesting that 53% of the total cost for personnel salaries and benefits be added for indirect cost.

**48. Demonstration of Financial Need**

Fayetteville State University is funded primarily by the State of North Carolina. The state faced a large funding shortfall. In April, 2009, Governor Beverly Perdue signed Executive Order 11 which implemented a flexible furlough program for all state employees. This furlough equated to \$65 million. In addition, she identified funds to close the remaining budget gap for the fiscal year, which included capturing more special funds, tapping the state's Savings Reserve Account, and utilizing federal recovery dollars. These measures total more than \$1 billion. Following the end of this year's legislative session, the University of North Carolina System received a 5.9% cut in state appropriations totaling over \$171 million (net). These cuts include a \$72.8 million management flexibility reduction, \$12 million in reductions to centers and institutes, and cuts to the University's continuation budget for items like building reserves, utilities and inflation for library purchases. As a result, Fayetteville State University's operating budget was cut by \$1,991,336.

**49. Historical Financial Statements.**

Please refer to upload section at the end of document.

**Project Profile: Long Term Sustainability**

**50. Sustainability.**

**51 - A. Public Computer Center Sustainability**

The proposed Public Computer Center is already programmed to have FSU faculty, Staff, and students volunteer their time at the center for variety of tasks ranging from manning the public use of the Center to conducting a variety of workshops and educational training sessions, as stated in the proposal. As a state higher education institution, all faculty and staff are allowed 36 hours per year for community service. This program, operating in close proximity to the FSU campus will attract more faculty and staff in taking advantage of the



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community service time and contribute to this worthy cause. FSU and the other key partners will continue the in-kind contribution towards sustaining the operation of the center.

Additionally, FSU, using unrestricted funds, will contribute up to \$50,000 per year towards sustaining the operation of The Public Computer Center.

**51 - B. Sustainable Broadband Adoption Sustainability**

**Project Profile: Outside Leverage**

**51. Matching Funds.**

Please refer to upload section at the end of document.

**52. Unjust Enrichment**

This project has not applied for and is not receiving any Federal support for non-recurring costs for a Public Computer Center.

**53. Disclosure of Federal and/or State Funding Sources**

No other Federal or State funding has been received or requested for activities or projects to which this project relates.

**54. Buy American.**

Is the applicant seeking an individual waiver of the Buy American provision?

No

**Buy American Waiver Request Explanation**

This applicant is not requesting a waiver of the Buy American Requirement.

**H. DOC Environmental Checklist**

**55. SECTION 1** – Please refer to upload section at the end of document.



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## **I. Compliance and Certification**

### **56. Certification and signature.**

Please refer to upload section at the end of the document.



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**Uploads**

The following pages contain the following uploads provided by the applicant:

<b>Upload Name</b>
02. Q24 PCC; Q29 SBA - Management Team Resumes
03. Q26 PCC; Q31 SBA - Organization Chart
04. Q27 PCC; Q32 SBA - Key Partners
09. Compliance and Certifications*
10. CD-511 Certification - Lobbying, Upper Tier*
12. SF-424A Budget Information Non-Construction**
13. SF-424B Assurances Non-Construction
16. SF-LLL Disclosure of Lobbying Activities*
17. Legal Opinion*
19. Supplemental Information 1
20. Supplemental Information 2



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To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system



## EDUCATION

### **M.S. Business Continuity & Emergency Management**

Boston University, Metropolitan College September 2006 - Present

Boston, Massachusetts

### **M.S. Business Information Technology,**

Specializing in Project Management - May 2005 GPA: 3.55/4.0

Walsh College of Accountancy and Business Administration

Troy, Michigan

### **Interdisciplinary Studies - June 1987**

(English Literature, Mediaeval History, Philosophy, Art History)

University of Texas

El Paso, Texas

### **B.F.A. Printmaking - May 1982**

Center for Creative Studies, College of Art and Design

Detroit, Michigan

## EXPERIENCE

**Fayetteville State University, Fayetteville, North Carolina, March 2007 - Present**

### **Director of Systems and Infrastructure**

As Director, I am responsible for helping define and implement a strategic approach to enterprise technology and providing strategic direction and management for the university's IT infrastructure. This management is done through the development of processes, procedures, and architecture roadmaps. Other responsibilities include;

- Managing the Help Desk, Client Services and Academic Computing
- Managing various projects and developing processes related to the management of the university's IT infrastructure.

**Ford Motor Credit Company, Dearborn, Michigan, November 1990 – February 2005**

### **Process Methodologist, Global Architecture Management**

Currently managing the global Technology Standards and Architecture to ensure consistent use of products and applications throughout all global regions. This management is done through the development of processes, procedures, and architecture roadmaps.

### **Project Manager, Infrastructure & Platform Development**

As project manager I was responsible for several projects including; NT4 to W2K migration, Server Cycle Plan, Hardware Security, Retirement, and Disposal Planning and the Retirement of the OS/2 Platform. Managed development efforts for Sarbanes-Oxley Compliance. Projects and Development were managed using Rational Unified Process (RUPS), Unified Software Delivery Methodology (USDM) and other standard Project Management Methodologies and tools.

### **Team Lead/Platform Integrator, Platform Development**

Managed a team of developers involved in the migration from an OS/2 Server platform to a Windows 2000 Server platform. The migration required the development of data migration software as well as many security utilities that would allow the OS/2 Clients to connect to the W2K server.

**ARASU T. GANESAN**

Vice Chancellor and Chief Information Officer

Fayetteville State University

1200 Murchison Road

Fayetteville, NC 28303

**OBJECTIVE:** Provide vision, leadership and strategies to effectively use IT in a higher education institution.

**EXPERIENCE: Dec 2001 – Present Fayetteville State University**

**Vice Chancellor and CIO**

□ Responsible for the administrative and budget oversight for the division of Information Technology at the university. The division provides enterprise-wide technology services to faculty, staff and students that covers all of administrative and academic computing.

**Sep 1999 - Nov 2001 Stetson University Deland, FL**

**Director, Technology Infrastructure Services**

□ Oversaw the technology and human infrastructure that included the IT helpdesk, computing laboratories, and data, voice and video network infrastructure.

**Nov 1987 – Sep 1999 Embry-Riddle University, Daytona Beach, FL**

□ Held various positions ranging from programmer analyst supporting financial systems to Executive Director overseeing the entire IT operation at the end of my tenure.

**EDUCATION: 1975 – 1983 Wichita State University, Wichita, KS**

B.A., International Business Studies

1996 – 1999 Embry-Riddle University, Daytona Beach, FL

MBA., Masters in Business Administration

**PROFESSIONAL SEMINARS & WORKSHOPS:**

SCT SUNGARD ERP Summit, March, 2006

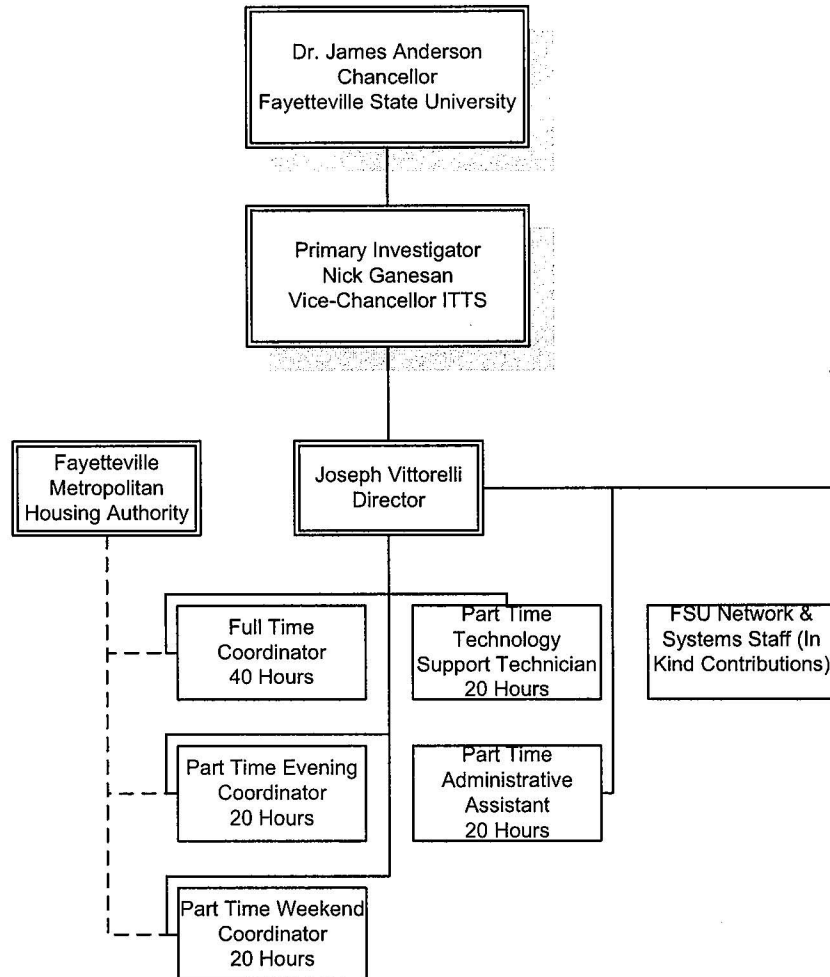
EDUCAUSE Conferences 2002 - 2007

Project Management Workshop, Orlando, FL – January 2001

Gartner Group's IT Symposium 1998 – 2002, Orlando, FL

EDUCAUSE Leadership Institute, August 1998

Internet/Intranet Implementation Seminar, INTEROP/NETWORLD 1997



F. #27 Key partners and their contributions to the project are listed below.

KEY PARTNERS	CONTRIBUTIONS	ESTIMATED VALUE
Fayetteville State University (ITTS) Contact: Nick Ganesan, Vice Chancellor, Information Technology and Telecommunication Services (ITTS)	Cash Consulting/Project Mgmt, Network (160 hrs) Network Cabling Labor (30 hrs) Server Setup & Installation (60 hrs) Workstation Setup & Installation (80 hrs) Telephone Service (4 hrs) Monthly Network Maintenance (32 hrs per mo) Monthly Server/Systems Maintenance (10 hrs) Routine Work Station Maintenance (20 hrs) Workspace for Technical Support Analyst on Professional conducting workshop (160 hr. <b>TOTAL</b>	\$50,000 \$10,400 \$ 1,500 \$ 3,000 \$ 3,200 \$ 576 \$ 19,200 \$ 6,000 \$ 9,600 \$ 5,000 <b>\$ 8,000</b> <b>\$116,476</b>
Fayetteville State University (Academic Affairs) Contact: Nick Ganesan, Vice Chancellor ((ITTS)	Honor Students & FSU Interns to volunteer at Computer Center (50 students providing 25 per week at 21.00 per hour)	\$14,700
Fayetteville State University (Faculty & Staff) Contact: Nick Ganesan, Vice Chancellor ((ITTS)	Faculty and staff serve as mentors and educational speakers, educational/training services, (providing services for at least 6 hours per week \$60,00 per hour)	\$17,280
Fayetteville Metropolitan Housing Authority Contact: Karen Moore, Director, Resident Services	Provide vouchers for transportation Serve as educational speakers, provide educational/training services	10,000 5,000
Consumer Credit Counseling Contact: Patricia Tyson, Director	Serve as educational speakers (2 speakers providing services quarterly)	2,000
NC Cooperative Extension Contact: Candy Underwood, Director	Serve as educational speakers (2 speakers providing services quarterly)	10,000
Fayetteville Business Center Contact: Floyd Shorter, Director	Serve as educational speakers, provide educational and training services (2 speakers providing services quarterly)	2,000
Cumberland County Public Library Contact: Jody Risacher, Director	Serve as educational speakers (2 speakers providing services quarterly)	2,000
Total In-Kind Sharing	<b>TOTAL</b>	<b>179,456.00</b>



August 13, 2009

Assistant Secretary  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
Washington, D.C. 20230

**Re:** Fayetteville State University/Fayetteville Metropolitan Housing Authority  
Computer Center

Dear Sir/Madam:

I am the General Counsel for Fayetteville State University, (the "Applicant."). In such a capacity, I have acted as counsel to the Applicant in connection with its ability to apply to the Broadband Technology Opportunities Program and in the review of the grant agreement, as referenced in the Notice of Funds Availability.

I am of the opinion that:

- (a) the Applicant is a constituent institution of the University of North Carolina which is a body politic existing under the laws of the State of North Carolina;
- (b) the Applicant has the power to execute and deliver the agreement; and to perform all acts required to be done by Applicant under said agreement.
- (c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform its duties under the grant agreement.

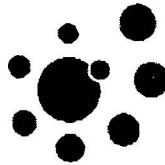
If you have questions, you may contact me at the address/telephone number shown below on the letterhead or via email at [wljenkins@uncfsu.edu](mailto:wljenkins@uncfsu.edu)

Sincerely,

Wanda L. Jenkins  
General Counsel

To whom it may concern,

Attached are letter of support for Fayetteville State University/Fayetteville Metropolitan Housing Authority Computer Center there are 6 letters attached.



**FAYETTEVILLE BUSINESS CENTER**

IN PARTNERSHIP WITH FAYETTEVILLE STATE UNIVERSITY

August 19, 2009

To Whom It May Concern:

If this proposal is funded, the Fayetteville Business Center commits to provide program support and personal development outreach services to program participants. The Fayetteville Business Center is classified as an incubator and was designed to nurture small start-up ventures by providing office and/or manufacturing space and consulting support via students and faculty of FSU's School of Business and Economics. The incubator was opened in the fall of 2001 and currently operates at peak capacity.

These services are available immediately.

Sincerely,

Floyd Shorter  
Director

Cc: Emily M. Dickens, Director of Community and Government Affairs



Toll Free: (888) 381-3720

Phone: (910) 323-3192

Fax: (910) 323-4990

SERVICE OF FAYETTEVILLE, NORTH CAROLINA

Email: [cccsfayetteville@mindspring.com](mailto:cccsfayetteville@mindspring.com)

Website: [www.ccap-inc.org/cccs.htm](http://www.ccap-inc.org/cccs.htm)

P.O. Box 2009 • 316 Green Street  
Fayetteville, North Carolina 28302

Neighborhood Financial Care Center  
People Who Care

**Main Office**

Fayetteville  
888-381-3720

**Branch Offices**

Goldsboro  
888-464-1060

Lumberton  
877-671-4502

Smithfield  
888-464-1060

Sanford  
877-686-2101

Southern Pines  
877-868-3288

Coastal Carolina  
877-261-8619

Kinston  
866-522-6792

Wilmington  
888-252-1629

Jacksonville  
888-381-3720

Nick Ganesan, Vice Chancellor  
Technology and Telecommunications  
Systems Department  
Fayetteville State University  
1200 Murchison Road  
Fayetteville, North Carolina, 28301

Dear Mr. Ganesan:

On behalf of Consumer Credit Counseling Service of Fayetteville (CCCSF), I am pleased to write a letter of support for the Fayetteville State University/ Fayetteville Metropolitan Housing Authority grant application under the Broadband Technology Opportunities Program. There is a great need for a public computer center committed to providing training and resources to our low income residents in Cumberland County.

For over thirty years CCCSF has delivered financial literacy education as well as housing education and counseling to this most vulnerable population. In as much, we have first hand insight into their lack of knowledge and awareness of broadband services. For most of our families opportunity is the incentive for change. The impact of having a one stop computer center where services are developed specifically to this population's needs is enormous. Coupled with the incentive of owning their own computer and having broadband services allow participants to understand the significant of broadband services as a tool for educating their children.

CCCSF is committed to working with Fayetteville State University, the Fayetteville Metropolitan Housing Authority, and other community agencies tasked with addressing the needs of our low income residents in Cumberland County through the concept of a public computer center.

I encourage you to give the grant application for the public computer center by the Fayetteville State University and The Fayetteville Metropolitan Housing Authority every consideration possible for funding.

Sincerely,

Patricia Tyson, MSM

Director of Consumer Credit Counseling Service of Fayetteville



A NON-PROFIT COMMUNITY SERVICE ORGANIZATION  
AN EQUAL OPPORTUNITY AGENCY







# COUNTY of CUMBERLAND

## *Public Library & Information Center*

August 19, 2009

Mr. Nick Ganesan  
Vice Chancellor for Information Technology and  
Telecommunication Services  
Fayetteville State University  
1200 Murchison Rd.  
Fayetteville, North Carolina 28301-4252

Dear Mr. Ganesan:

I wish to support your efforts in acquiring a grant for the purpose of increasing broadband access to our citizens and supporting the community institutions which serve our vulnerable populations.

As you know, Cumberland County Public Library & Information Center has provided public access computers to the public for many years through its seven facilities located throughout the county. Computer use has steadily increased each year at each facility.

Computer literacy is essential for most available jobs. The expense of owning and maintaining a computer prohibits many people from having one at home. Therefore, free access to a computer for job searching, developing skills, research, and homework assistance is essential to a significant part of our population. Job re-training is considered a standard part of work life in modern society, and the library assists in providing an option for people to develop new and additional computer skills.

Computer skills training classes at the public library are well-attended, again providing a free and accessible service.

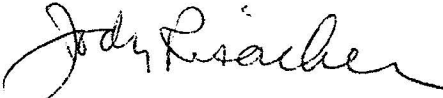
Headquarters is our main and largest facility and would be geographically closest to your proposed computer lab. Headquarters sustained 106,875 uses of its computers in FY08. There are many times during the day, and most certainly on weekends, when it is necessary for members of the public to wait for computer use.

An additional computer lab in the general area would be of great benefit to the population we serve. It would be within walking distance of many neighborhoods in the downtown area. And it would provide opportunities for the public library to collaborate with your organization to ensure that the users of the new lab could become familiar with the many free resources and services at the library. Library staff will be able to share computer skills training information with other trainers as well as offer some training at this site. This type of partnership strengthens both organizations' ability to serve a part of the population in need.

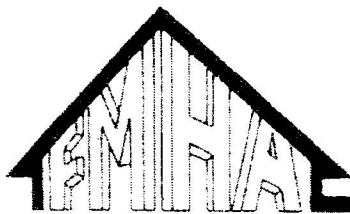
Please let me know if you need any further information. I look forward to your success in achieving this goal.

Mr. Nick Ganesan  
Vice Chancellor for Information Technology and  
Telecommunication Services  
Fayetteville State University  
August 19, 2009  
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read "Jody Risacher". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jody Risacher, Director  
Cumberland County Public Library & Information Center  
[jrisacher@cumberland.lib.nc.us](mailto:jrisacher@cumberland.lib.nc.us)



Established 1940

## FAYETTEVILLE METROPOLITAN HOUSING AUTHORITY

1000 Ramsey Street

Post Office Drawer 2349

Fayetteville, North Carolina 28302

Phone/TDD (910) 483-3648

DAWN DRIGGERS  
Executive Director

August 20, 2009

CALVIN POOLE  
Chairman

Nick Ganesan  
Fayetteville State University  
1200 Murchison Road  
Fayetteville, NC 28301

ROYCE FICKER  
Vice Chairman

Dear Mr. Ganesan:

MARGARET STANTON  
Commissioner

The Fayetteville Metropolitan Housing Authority is pleased to partner with Fayetteville State University in increasing broadband awareness and education through the development of the FSU/FMHA Computer Center. It is our goal to increase the availability and use of broadband for the residents of public housing in Cumberland County.

IRMA DUNN  
Commissioner

In order to assist in accomplishing these goals, the Housing Authority will provide:

CYNTHIA WILSON  
Commissioner

- \$10,000 in transportation vouchers for residents to travel to the Computer Center to be located on Murchison Road.
- The equivalent of \$5,000 in staff time to assist with outreach and case management functions to promote the use of the Computer Center

RICHARD HILLS  
Commissioner

ENTER DROMPSON  
Commissioner

The Housing Authority is committed to the ongoing sustainability of the Computer Center as an arena for training and education which supports economic self-sufficiency for the residents of public housing and other members of the public.

Sincerely,

Dawn Driggers  
Executive Director



August 19, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
HCHB, Room 1874  
1401 Constitution Avenue, NW  
Washington, DC 20230

To Whom It May Concern:

Fayetteville State University, in collaboration with Fayetteville Metropolitan Housing Authority proposes to (FSU/FMHA), enters into this initiative to offer access to broadband technology through the BTOP grant by establishing a Public Computer Center adjacent to the campus. In support of the Center, FSU's Division of ITTS will provide technical consulting, routine system maintenance, initial setup, software/hardware configuration, broadband workshop facilitators, faculty and student interns as tutors, mentors, and-- all of which total \$148,456.00 in kind from FSU.

FSU fully supports the mission of this program of providing broadband education, awareness, training, access, equipment and support to community anchor institutions, job-creating strategic facilities and vulnerable populations.

If you have questions, please contact Mr. Nick Ganesan, Vice Chancellor for Information Technology and Telecommunications Services, at 910-672-1898 or [nganesan@uncfsu.edu](mailto:nganesan@uncfsu.edu).

Sincerely,



James A. Anderson  
Chancellor

## North Carolina Cooperative Extension Service

**NC STATE UNIVERSITY**

Cumberland County Center  
North Carolina Cooperative Extension  
301 East Mountain Drive  
Fayetteville, North Carolina 28306  
Phone: (910) 321-6860  
Fax (910) 321-6883

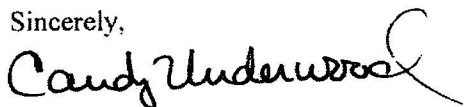
August 14, 2009

Mr. Nick Ganesan  
Vice Chancellor for  
Information Technology and Telecommunication Services  
Fayetteville State University  
1200 Murchison Rd.  
Fayetteville, NC 28301

Dear Mr. Ganesan,  
The Cumberland County Cooperative Extension Service wholeheartedly supports the Fayetteville State University/Fayetteville Metropolitan Housing Authority (FSU/FMHA) Computer Center proposal. In support of the Center we will provide the following at no cost to the project:  
Good House Cleaning Workshop  
Materials for each class participant who attend class or by way of our website:  
<http://cumberland.ces.ncsu.edu>

Our agency fully supports the mission of providing broadband education, awareness, training, access, equipment and support to community anchor institutions, job-creating strategic facilities and vulnerable populations.

Sincerely,



Extension Agent  
Family and Consumer Sciences

Broadband Technology Opportunities Program (BTOP)  
Department of Commerce  
Nick Ganesan/Dorothy Holmes (Pls)  
Budget Worksheet

Personnel	Projected 2010 Annual Salary	Percentage Release Time	FY10	FY11	FY12
Joseph Vittorelli, Program Director	\$ 88,092	20%	\$ 17,618	\$ 18,147	\$ 18,691
Coordinator, (Weekly Program)	\$ 36,000	100%	\$ 36,000	\$ 37,080	\$ 38,192
Total fulltime professional salaries	\$ -		\$ 53,618	\$ 55,227	\$ 56,884
Fringe Benefits @ 25.5 %			\$ 13,673	\$ 14,083	\$ 14,505
<b>Total fulltime prof. salaries expense</b>			<b>\$ 67,291</b>	<b>\$ 69,310</b>	<b>\$ 71,389</b>
Coordonator, (evening Program)	\$ 36,000	50%	\$ 18,000	\$ 18,540	\$ 19,096
Coordinator, (Weekend Program)	\$ 36,000	50%	\$ 18,000	\$ 18,540	\$ 19,096
Technical Support Analyst	\$ 30,000	50%	\$ 15,000	\$ 15,450	\$ 15,914
Office Assistant	\$ 22,000	50%	\$ 11,000	\$ 11,330	\$ 11,670
Total part time professional wages			\$ 62,000	\$ 63,860	\$ 65,776
Social Security expenses			\$ 4,743	\$ 4,885	\$ 5,032
<b>Ttl part-time wages and expenses</b>			<b>\$ 66,743</b>	<b>\$ 68,745</b>	<b>\$ 70,808</b>
<b>Total Salaries/Wages Expense</b>			<b>\$ 134,034</b>	<b>\$ 138,055</b>	<b>\$ 142,197</b>
<b>Travel Expenses</b>					
Airlines Fares			\$ 1,300	\$ 1,300	\$ 1,300
Ground Transportation			\$ 190	\$ 190	\$ 190
Conference Registration Fees			\$ 950	\$ 950	\$ 950
Lodging Expense			\$ 1,340	\$ 1,340	\$ 1,340
Per Diem expenses (10)			\$ 300	\$ 300	\$ 300
Parking Expenses			\$ 140	\$ 140	\$ 140
<b>Total Travel Expenses</b>			<b>\$ 4,220</b>	<b>\$ 4,220</b>	<b>\$ 4,220</b>
<b>Backend Data Center Equipment Expenses</b>					
Network					
Router			\$ 90,000		
Fire wall			\$ 7,000		
4 post rack			\$ 1,500		
Copper patch panel			\$ 300		
Fiber patch panel			\$ 500		
Wireless IOS AP			\$ 550		
Cables and Connector			\$ 500		
UPS (5000 KVA)			\$ 3,000		
<b>Total Backend Data Center Equipment Expenses</b>			<b>\$ 103,350</b>	<b>\$ -</b>	<b>\$ -</b>

Broadband Technology Opportunities Program (BTOP)  
Department of Commerce  
Nick Ganesan/Dorothy Holmes (Pls)  
Budget Worksheet

Sever Expenses  
Intel® Xeon® E5520 Processor  
**Total Sever Expenses**

\$	8,000
<b>\$</b>	<b>8,000</b>

**Classroom Equipment**

Core 2 Duo E8600 Computer Systems (35)  
Network Cabling (50)  
Network POE 48 Port Switch  
Network POE 24 Port Switch  
VoIP Telephones (4)  
Connector, Cables  
Classroom/Lab Furniture  
Furnishing: Physically challenged  
Smart Class Room® Equipment  
UPS (1000KVA)  
MFP, Black & White (2)  
MFP, Color  
laptop computers (50)  
electric typewriter  
office shredder

\$	38,500
\$	10,000
\$	7,000
\$	6,000
\$	1,400
\$	697
\$	9,600
\$	1,200
\$	15,000
\$	1,000
\$	3,200
\$	2,300
\$	24,750
\$	250
\$	150

**Total Classroom Equipment**

<b>\$</b>	<b>121,047</b>
-----------	----------------

**Total Equipment Expense**

<b>\$</b>	<b>232,397</b>
-----------	----------------

**Educational Supplies**

Software, Microsoft Office Professional® (35)  
Antivirus software (35)  
Software, Disability  
Other educational supplies

\$	15,750
\$	4,200
\$	1,000
\$	3,570

**Total Educational Supplies**

<b>\$</b>	<b>24,520</b>
-----------	---------------

**Consumable Supplies**

\$	3,800	\$	3,800	\$	3,800
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**Total Supplies Expense**

<b>\$</b>	<b>28,320</b>	<b>\$</b>	<b>3,800</b>	<b>\$</b>	<b>3,800</b>
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Broadband Technology Opportunities Program (BTOP)  
Department of Commerce  
Nick Ganesan/Dorothy Holmes (PIs)  
Budget Worksheet

**Other Costs**

Rental Expense @\$1300/mo	\$ 15,600	\$ 15,600	\$ 15,600
Utilities (to include telephone)	\$ 7,000	\$ 7,000	\$ 7,000
Consultations Fees	\$ 2,000	\$ 2,000	\$ 2,000
College application fees for participants (100)	\$ 2,500	\$ 2,500	\$ 2,500
Printing expenses	\$ 500	\$ 500	\$ 500
Awards luncheon (participants)	\$ 600	\$ 600	\$ 600
Network connection	\$ 8,400	\$ 8,400	\$ 8,400
Postage	\$ 405	\$ 405	\$ 405
Domain Registration fee (annual)	\$ 75	\$ 75	\$ 75
<b>Total Other Costs</b>	<b>\$ 37,080</b>	<b>\$ 37,080</b>	<b>\$ 37,080</b>
 Total Annual Direct Costs	 \$ 436,051	 \$ 183,155	 \$ 187,297
Total Indirect costs	\$ 71,038	\$ 73,169	\$ 75,364
Total Annual Costs	<b>\$ 507,089</b>	<b>\$ 256,324</b>	<b>\$ 262,661</b>
Total Program Costs	<b>\$ 1,026,074</b>		



## BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 4040-0006  
Expiration Date 04/30/2008

## SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Public Computer Center and Sustainable Broadband		\$	\$	\$ 1,012,401.00	\$ 262,605.00	\$ 1,275,006.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 1,012,401.00	\$ 262,605.00	\$ 1,275,006.00

## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) Federal	(2) Non-Federal (Matching Portion)	(3)	(4)	
a. Personnel	\$ 441,000.00	\$ 202,500.00	\$	\$	\$ 643,500.00
b. Fringe Benefits	92,610.00	42,525.00			135,135.00
c. Travel	4,220.00				4,220.00
d. Equipment	217,397.00	700.00			218,097.00
e. Supplies	24,520.00	0.00			24,520.00
f. Contractual	123,100.00	12,880.00			135,980.00
g. Construction	0.00				0.00
h. Other	3,900.00	4,000.00			7,900.00
i. Total Direct Charges (sum of 6a-6h)	906,747.00	262,605.00	0.00	0.00	\$ 1,169,352.00
j. Indirect Charges	105,654.00				\$ 105,654.00
k. TOTALS (sum of 6i and 6j)	\$ 1,012,401.00	\$ 262,605.00	\$ 0.00	\$ 0.00	\$ 1,275,006.00
7. Program Income	\$	\$	\$	\$	\$

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Standard Form 424A (Rev. 7-97)  
Prescribed by OMB (Circular A-102) Page 1A

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. Broadband Initiative Program 0572-ZA01	\$ 232,605.00	\$	\$ 30,000.00	\$ 262,605.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 232,605.00	\$ 0.00	\$ 30,000.00	\$ 262,605.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 500,000.00	\$ 400,000.00	\$ 35,000.00	\$ 30,000.00	\$ 35,000.00
14. Non-Federal	\$ 23,880.00				
15. TOTAL (sum of lines 13 and 14)	\$ 523,880.00	\$ 400,000.00	\$ 35,000.00	\$ 30,000.00	\$ 35,000.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.	\$ 500,000.00	\$ 256,201.00	\$ 256,201.00	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16 - 19)	\$ 500,000.00	\$ 256,201.00	\$ 256,201.00	\$ 0.00	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:	\$ 906,747.00	22. Indirect Charges:	\$ 105,654		
23. Remarks:					

## BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 4040-0006  
Expiration Date 04/30/2008

## SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Broadband Initiative Program: 0572-ZA01	10.787	\$ 1,026,074.00	\$ 0.00			\$ 1,026,074.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 1,026,074.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,026,074.00

## SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$ 115,618.00	\$ 119,087.00	\$ 122,660.00	\$	\$ 357,365.00
b. Fringe Benefits	18,416.00	18,968.00	19,537.00		56,921.00
c. Travel	4,220.00	4,220.00	4,220.00		12,660.00
d. Equipment	232,397.00				232,397.00
e. Supplies	28,320.00	3,800.00	3,800.00		35,920.00
f. Contractual	24,600.00	24,600.00	24,600.00		73,800.00
g. Construction					0.00
h. Other	12,480.00	12,480.00	12,480.00		37,440.00
i. Total Direct Charges (sum of 6a-6h)	436,051.00	183,155.00	187,297.00	0.00	\$ 806,503.00
j. Indirect Charges	71,038.00	73,169.00	75,364.00		\$ 219,571.00
k. TOTALS (sum of 6i and 6j)	\$ 507,089.00	\$ 256,324.00	\$ 262,661.00	\$ 0.00	\$ 1,026,074.00
7. Program Income	\$	\$	\$	\$	\$

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Standard Form 424A (Rev. 7-97)  
Prescribed by OMB (Circular A -1 02) Page 1A

SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ 0.00
9. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
10. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
11. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00
12. TOTAL (sum of lines 8-11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 507,089.00	\$ 400,000.00	\$ 35,696.33	\$ 35,696.33	\$ 35,696.34
14. Non-Federal	\$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	\$ 507,089.00	\$ 400,000.00	\$ 35,696.33	\$ 35,696.33	\$ 35,696.34

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. <input type="text"/>	\$ <input type="text"/>	\$ 256,324.00	\$ 262,661.00	\$ <input type="text"/>
17. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20. TOTAL (sum of lines 16 - 19)	\$ 0.00	\$ 256,324.00	\$ 262,661.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: <input type="text"/>	22. Indirect Charges: <input type="text"/>
\$806,503.00	\$219,571.00
23. Remarks: <input type="text"/>	
Indirect cost rated is based upon USDHHS negotiated rate effective April 30, 2008.	



August 13, 2009

Assistant Secretary  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
Washington, D.C. 20230

**Re:** Fayetteville State University/Fayetteville Metropolitan Housing Authority  
Computer Center

Dear Sir/Madam:

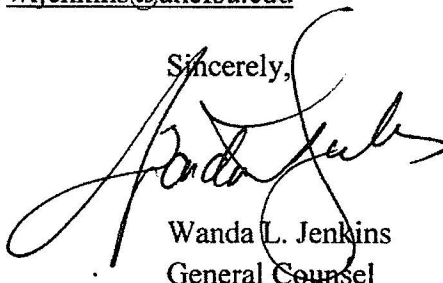
I am the General Counsel for Fayetteville State University, (the "Applicant."). In such a capacity, I have acted as counsel to the Applicant in connection with its ability to apply to the Broadband Technology Opportunities Program and in the review of the grant agreement, as referenced in the Notice of Funds Availability.

I am of the opinion that:

- (a) the Applicant is a constituent institution of the University of North Carolina which is a body politic existing under the laws of the State of North Carolina;
- (b) the Applicant has the power to execute and deliver the agreement; and to perform all acts required to be done by Applicant under said agreement.
- (c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform its duties under the grant agreement.

If you have questions, you may contact me at the address/telephone number shown below on the letterhead or via email at [wljenkins@uncfsu.edu](mailto:wljenkins@uncfsu.edu)

Sincerely,



Wanda L. Jenkins  
General Counsel

**Detailed Budget Template**  
Department of Commerce

Easy Grants ID: 2700  
Applicant: Arasu T. Ganesan - Fayetteville State University  
Project Title: Public Computer Centers and Sustainable Broadband Adoption

SF-424A Object Class Category	General				Detail			
a. Personnel - List position, number of staff, annual salaries, % time spent on project	Position ( For Three Years)	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Total
	Center Director	\$ 67,500.00	\$ -	\$ 67,500.00	1	\$ 90,000.00	25%	\$67,500.00
	Weekly Program Coordinator	\$ 108,000.00		\$ 108,000.00	1	\$ 36,000.00	100%	\$108,000.00
	Evening & Weekend Coordinator	\$ 108,000.00		\$ 108,000.00	2	\$ 36,000.00	50%	\$108,000.00
	Technical Support Analyst	\$ 63,000.00	\$ 27,000.00	\$ 90,000.00	1	\$ 60,000.00	50%	\$90,000.00
	Instructors & Facilitators	\$ 63,000.00	\$ 126,000.00	\$ 189,000.00	30	\$ 70,000.00	3%	\$189,000.00
	Network Support Technician	\$ -	\$ 36,000.00	\$ 36,000.00	1	\$ 60,000.00	20%	\$36,000.00
	Office Assistant	\$ 31,500.00	\$ 13,500.00	\$ 45,000.00	1	\$ 30,000.00	50%	\$45,000.00
<b>Subtotal</b>		<b>\$ 441,000.00</b>	<b>\$ 202,500.00</b>	<b>\$ 643,500.00</b>				<b>\$643,500.00</b>

b. Fringe Benefits - Include salaries and fringe rate.	Position	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Fringe Rate	Total
	Center Director	\$ 14,175.00	\$ -	\$ 14,175.00	1	\$ 108,000.00	25%	\$0.21	\$ 17,010.00
	Weekly Program Coordinator	\$ 22,680.00	\$ -	\$ 22,680.00	1	\$ 36,000.00	100%	\$0.21	\$ 22,680.00
	Evening & Weekend Coordinator	\$ 22,680.00	\$ -	\$ 22,680.00	2	\$ 36,000.00	50%	\$0.21	\$ 22,680.00
	Technical Support Analyst	\$ 13,230.00	\$ 5,670.00	\$ 18,900.00	1	\$ 60,000.00	75%	\$0.21	\$ 28,350.00
	Instructors & Facilitators	\$ 13,230.00	\$ 26,460.00	\$ 39,690.00	30	\$ 70,000.00	3%	\$0.21	\$ 39,690.00
	Network Support Technician	\$ -	\$ 7,560.00	\$ 7,560.00	1	\$ 60,000.00	20%	\$0.21	\$ 7,560.00
	Office Assistant	\$ 6,615.00	\$ 2,835.00	\$ 9,450.00	1	\$ 30,000.00	60%	\$0.21	\$ 11,340.00
<b>Subtotal</b>		<b>\$ 92,610.00</b>	<b>\$ 42,525.00</b>	<b>\$ 135,135.00</b>	<b>1</b>				<b>\$149,310.00</b>

c. Travel - For significant costs, include details such as number and purpose of trips, destinations.	Purpose of Trip	Federal Support	Matching Support	Total	# of Trips	Cost per Trip	Total
	Technology Conference (Community Outreach)	\$ 1,600.00		\$ 1,600.00	1	\$ 1,600.00	\$ 1,600.00
	Technology Education Training	\$ 2,620.00		\$ 2,620.00	2	\$ 1,310.00	\$ 2,620.00
				\$ -			\$ -
				\$ -			\$ -
<b>Subtotal</b>		<b>\$ 4,220.00</b>	<b>\$ -</b>	<b>\$ 4,220.00</b>			<b>\$ 4,220.00</b>

d. Equipment Costs - List equipment with # of units and unit costs. Distinguish between equipment intended for applicant use versus equipment for the end user.	Equipment Description	Federal Support	Matching Support	Total	#Units	Unit Cost	Total
<b>Applicant Equipment</b>		\$ -	\$ -	\$ -			
<b>User Equipment</b>	Network Router, Dual Supv Mgmt Mod, 24 & 8 Fib Port	\$ 90,000.00		\$ 90,000.00	1	\$ 90,000.00	\$ 90,000.00
	Firewall Appliance	\$ 7,000.00		\$ 7,000.00	1	\$ 7,000.00	\$ 7,000.00
	4 Post equipment rack	\$ 1,500.00		\$ 1,500.00	1	\$ 1,500.00	\$ 1,500.00



	Copper patch panel	\$ 300.00		\$ 300.00	1	\$ 300.00	\$ 300.00
	Fiber Patch Panel	\$ 500.00		\$ 500.00	1	\$ 500.00	\$ 500.00
	Wireless IOS Access Point	\$ 550.00		\$ 550.00	1	\$ 550.00	\$ 550.00
	Misc Connector Cable Spool	\$ 497.00		\$ 497.00	1	\$ 497.00	\$ 497.00
	Uninterrupted Power Supply (3000 KVA or > )	\$ 4,000.00		\$ 4,000.00	2	\$ 2,000.00	\$ 4,000.00
	Large Form Factor Server	\$ 8,000.00		\$ 8,000.00	1	\$ 8,000.00	\$ 8,000.00
	Core Duo Desktop personal computer	\$ 38,500.00		\$ 38,500.00	35	\$ 1,100.00	\$ 38,500.00
	Network POE Switch	\$ 12,000.00		\$ 12,000.00	2	\$ 6,000.00	\$ 12,000.00
	VoIP Phone Sets	\$ 1,400.00		\$ 1,400.00	4	\$ 350.00	\$ 1,400.00
	Misc.Connectors and Cables		\$ 700.00	\$ 700.00	1	\$ 700.00	\$ 700.00
	Classroom & Lab Furnitures	\$ 9,600.00			32	\$ 300.00	\$ 9,600.00
	Furnitue for Disabled	\$ 1,200.00			2	\$ 600.00	\$ 1,200.00
	Smart Classroom Projector	\$ 3,000.00		\$ 3,000.00	1	\$ 3,000.00	\$ 3,000.00
	Smart Classroom Podium (Controls & Sympodium)	\$ 4,500.00		\$ 4,500.00	1	\$ 4,500.00	\$ 4,500.00
	Smartboard for the classroom	\$ 3,000.00		\$ 3,000.00	1	\$ 3,000.00	\$ 3,000.00
	Electronic Screen	\$ 1,200.00		\$ 1,200.00	1	\$ 1,200.00	\$ 1,200.00
	Multi-Function Printers (Black & White)	\$ 3,200.00		\$ 3,200.00	2	\$ 1,600.00	\$ 3,200.00
	Multi-Function Printer Color	\$ 2,300.00		\$ 2,300.00	1	\$ 2,300.00	\$ 2,300.00
	Netbooks (mini laptops)	\$ 24,750.00		\$ 24,750.00	50	\$ 495.00	\$ 24,750.00
	Electric Typewriter	\$ 250.00		\$ 250.00	1	\$ 250.00	\$ 250.00
	1 Shredder	\$ 150.00		\$ 150.00	1	\$ 150.00	\$ 150.00
				\$ -			\$ -
	<b>Subtotal</b>	<b>\$ 217,397.00</b>	<b>\$ 700.00</b>	<b>\$ 218,097.00</b>			<b>\$ 218,097.00</b>

<b>e. Supplies</b> - List costs associated with materials/printing, curriculum, translations, and other supplies	<b>Description</b>	<b>Federal Support</b>	<b>Matching Support</b>	<b>Total</b>	<b>#Units (If Applicable)</b>	<b>Unit Cost (If Applicable)</b>	<b>Total</b>
	Microsoft Office Professionals	\$ 15,750.00		\$ 15,750.00	35	\$ 450.00	\$ 15,750.00
	Antivirus Software	\$ 4,200.00		\$ 4,200.00	35	\$ 120.00	\$ 4,200.00
	Disability Software (Jaws, Braille Reader etc..)	\$ 1,000.00		\$ 1,000.00	2	\$ 500.00	\$ 1,000.00
	Scriptographic Booklet on Pers.Dev and Careers	\$ 1,500.00		\$ 1,500.00	100	\$ 15.00	\$ 1,500.00
	Career Planning Guide	\$ 30.00		\$ 30.00	1	\$ 30.00	\$ 30.00
	Computer Guides & Handbooks	\$ 500.00		\$ 500.00	50	\$ 10.00	\$ 500.00
	Index of College Majors	\$ 40.00		\$ 40.00	1	\$ 40.00	\$ 40.00
	Other Educational Software	\$ 1,500.00		\$ 1,500.00	10	\$ 150.00	\$ 1,500.00
	<b>Subtotal</b>	<b>\$ 24,520.00</b>	<b>\$ -</b>	<b>\$ 24,520.00</b>			<b>\$ 24,520.00</b>

<b>f. Contractual</b> - List contractors with purpose of contract, hourly rate or total fixed rate.	<b>Contractor</b>	<b>Federal Support</b>	<b>Matching Support</b>	<b>Total</b>	<b># Hours (If Applicable)</b>	<b>Hourly Rate (If Applicable)</b>	<b>Total Contract</b>
	Smart Classroom Installation Service (Advance Communications)	\$ 3,500.00		\$ 3,500.00			\$ 3,500.00
	Program Evaluation Consultant Fee	\$ 2,000.00		\$ 2,000.00			\$ 2,000.00
	Consultant's Travel Expenses	\$ 600.00		\$ 600.00			\$ 600.00
	Network and Electrical Wiring for the Center		\$ 10,000.00				
	<b>Bronco Square Rental Contract (36 Months)</b>	\$ 46,800.00		\$ 46,800.00			\$ 46,800.00
	MCNC Network Connections ( 36 months * \$700)	\$ 25,200.00		\$ 25,200.00			\$ 25,200.00
	Utilities (Power, Water, & Sewer 36 mon * \$500) - Fayetteville PWC	\$ 18,000.00		\$ 18,000.00			\$ 18,000.00
	Telephone Service ( 36 months * \$80) - Fayetteville State University		\$ 2,880.00	\$ 2,880.00			\$ 2,880.00
	Tek Systems training contract for (Work Force Dev)	\$ 27,000.00		\$ 27,000.00			\$ -
	<b>Subtotal</b>	<b>\$ 123,100.00</b>	<b>\$ 12,880.00</b>	<b>\$ 135,980.00</b>			<b>\$ 98,980.00</b>

<b>g. Construction</b> - If applicable, list construction costs not included in the SF-424C							
	<b>Description</b>	<b>Federal Support</b>	<b>Matching Support</b>	<b>Total</b>			
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
				\$ -			\$ -
<b>Subtotal</b>		\$ -	\$ -	\$ -			\$ -

<b>h. Other</b> - List costs associated with subrecipients and other costs not listed above such as technology (website hosting, internet connection), advertising (TV, radio, online), etc.							
	<b>Description</b>	<b>Federal Support</b>	<b>Matching Support</b>	<b>Total</b>	<b>#Units (If Applicable)</b>	<b>Unit Cost (If Applicable)</b>	<b>Total</b>
	Website Development & Hosting		\$ 4,000.00	\$ 4,000.00			\$ -
	Awards Luncheon (Participants)	\$ 900.00		\$ 900.00			\$ -
	Brochure Printing Expenses	\$ 1,000.00		\$ 1,000.00			\$ -
	Local newspaper advertising of the program	\$ 1,500.00		\$ 1,500.00			
	Postage	\$ 500.00		\$ 500.00			\$ -
	Mass Transit Travel Vouchers			\$ -			\$ -
<b>Subtotal</b>		\$ 3,900.00	\$ 4,000.00	\$ 7,900.00			\$ -

<b>i. Total Direct Charges (sum of a-h)</b>		\$ 906,747.00	\$ 262,605.00	\$ 1,169,352.00			
<b>j. Indirect Charges</b>	<b>Indirect Rate 19.8%</b>						
	19.8% of salaries	\$ 87,318.00		\$ 87,318.00			
	19.8% of Fringe Benefits	\$ 18,336.00		\$ 18,336.00			
<b>Total Eligible Project Costs</b>		\$ 1,012,401.00	\$ 262,605.00	\$ 1,275,006.00			
<b>Federal Share Requested</b>		\$ 1,012,401.00		\$ -			
<b>Applicant Share</b>			\$ 262,605.00	\$ 262,605.00			

## CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

### LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

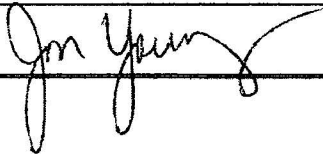
As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

### Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
Fayetteville State University	FSU/FMHA Computer Center
PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Jon Young, Ph.D., Provost and Vice Chancellor for Academic Affairs	
SIGNATURE	DATE
	8/20/09

# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

<b>1. Type of Federal Action:</b> <input checked="checked" type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance		<b>2. Status of Federal Action:</b> <input checked="checked" type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award		<b>3. Report Type:</b> <input checked="checked" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____	
<b>4. Name and Address of Reporting Entity:</b> <input checked="checked" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Fayetteville State University 1200 Murchison Road Fayetteville, NC 28301 Congressional District, if known: _____			<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> Not Applicable Congressional District, if known: _____		
<b>6. Federal Department/Agency:</b> Not Applicable			<b>7. Federal Program Name/Description:</b> CFDA Number, if applicable: _____		
<b>8. Federal Action Number, if known:</b>			<b>9. Award Amount, if known:</b> \$ _____		
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): Not Applicable			<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI):		
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.			Signature: <u>Jon Young</u> Print Name: <u>Jon Young, Ph.D.</u> Title: <u>Provost and Vice Chancellor for Academic Affairs</u> Telephone No.: <u>(910) 672-1460</u> Date: _____		
<b>Federal Use Only:</b>					Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

## ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

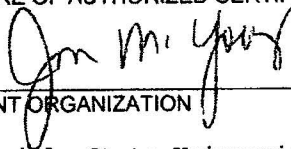
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a -1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	* TITLE Provost & VC for Academic Affairs
* APPLICANT ORGANIZATION Fayetteville State University	* DATE SUBMITTED



## ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

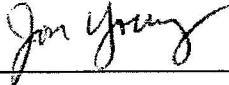
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
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18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

<p>* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>Completed on submission to Grants.gov </p>	<p>* TITLE</p> <p>Provost + Vice Chancellor - Acad Affs</p>
<p>* APPLICANT ORGANIZATION</p> <p>Fayetteville State University</p>	<p>* DATE SUBMITTED 11/4/10</p> <p>Completed on submission to Grants.gov</p>



## 9. Certifications Requirements for BTOP

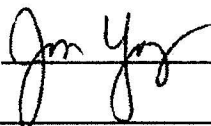
### Certifications

*(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.*

*(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.*

*(iii) I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the DOC Pre-Award Notification, published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); DOC American Recovery and Reinvestment Act Award Terms (April 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award."*

Authorized Representative's Signature



Date

8/20/09

Name: Jon Young, Ph.D.

Title: Provost and Vice Chancellor for Academic Affairs

Certification Requirements for BTOP

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**U.S. Department of Commerce**  
**Broadband Technology Opportunities Program**

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I certify that I am the duly authorized representative of the applicant organization, and that I have been authorized to submit the attached application on its behalf. A copy of the applicant organization's authorization for me to submit this application as its official representative is on file in the applicant's office, and I am identified as the applicant organization's Authorized Organization Representative (AOR) in the Central Contractor Registration database. By signing this certification, I certify that the statements contained in the application are true, complete, and accurate to the best of my knowledge, and that if an award is made, the applicant organization will comply with all applicable award terms and conditions.

1/14/10  
(Date)

  
(Authorized Representative's Signature)

Robert L. Botley  
Name:

Vice Chancellor for Business & Finance  
Title: