

ANNUAL PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information

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| 1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration | 2. Award Identification Number 37-43-B10590 | 3. DUNS Number 072026321 |
| 4. Recipient Organization North Carolina Central University 1801 Fayetteville Street, Durham, NC 27707-3130 | | |
| 5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012 | 6. Is this the last Annual Report of the Award Period? <p style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </p> | |
| 7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents. | | |
| 7a. Typed or Printed Name and Title of Certifying Official Gregory W Clinton Director | 7c. Telephone (area code, number and extension) 919-530-7174 | |
| | 7d. Email Address gclinton@nccu.edu | |
| 7b. Signature of Certifying Official Submitted Electronically | 7e. Date Report Submitted (MM/DD/YYYY): 02-27-2013 | |

| PROJECT INDICATORS | | | | |
|---|---------------------------|--------------------------------|------------------------------|---|
| <p>1. Does your Sustainable Broadband Adoption (SBA) project foster a particular broadband technology or technologies? If so, please describe this technology (or technologies) (600 words or less). Yes, our project uses telepresence, HD videoconferencing, and desktop videoconferencing. All of the above are provided to individuals through broadband. There are several types of broadband technologies being used by this project that includes fiber, DSL and Cable. The Microelectronics Center of North Carolina (MCNC) serves as the ISP for all the university sites. Legal Aid of North Carolina (LANC) uses several different vendors for broadband, but they have developed a separate video network for this program. Because both LANC and the partner universities have separated their video traffic through broadband, stability and reliability of our videoconferencing sessions have been maintained. These videoconferencing sessions require large amounts of bandwidth to make the video and audio in these sessions stable, so that individuals feel that they are in the same room.</p> | | | | |
| <p>2a. Please list all of the broadband equipment and/or supplies you have purchased during the most recent calendar year using BTOP grant funds or other (matching) funds, including any customer premises equipment or end-user devices. If additional space is needed, please attach a list of equipment and/or supplies. Please also describe how the equipment and supplies have been deployed (100 words or less).</p> | | | | |
| Manufacturer | Item | Unit Cost per Item | Number of Units | Narrative description of how the equipment and supplies were deployed |
| NEC Display Solutions | Monitor | 706 | 1 | Monitor purchaed for Pisgah Legal Services' moble videoconferencing unit. |
| Totals | | 706 | 1 | |
| Add Equipment | | Remove Equipment | | |
| <p>2b. To the extent you distribute equipment/supplies to beneficiaries of your project, please describe the equipment/supplies you distribute, the quantities distributed, and the specific populations to whom the equipment/supplies are distributed (600 words or less). Each of the four remote sites received a 5-seat telepresence room system with a Polycom HDX high definition videoconference unit with a 70" LCD display. The telepresence room furnishings includes a custom credenza and front wall unit with equipment bays, custom videoconference meeting table, custom videoconference rear wall backdrop unit, and custom videoconference lighting package. The four sites are at Winston Salem State University, Fayetteville State University, Elizabeth City State University, and North Carolina Agricultural and Technical State University.</p> | | | | |
| <p>3. For SBA access and training provided with BTOP grant funds, please provide the information below. Unless otherwise indicated in the instructions, figures should be reported <u>cumulatively</u> from award inception to the end of the most recent calendar year. For each type of training (other than open access), please count only the participants who <u>completed</u> the course.</p> | | | | |
| Types of Access or Training | Number of People Targeted | Number of People Participating | Total Training Hours Offered | |
| Open Lab Access | 0 | 0 | 0 | |
| Multimedia | 0 | 0 | 0 | |
| Office Skills | 0 | 0 | 0 | |
| ESL | 0 | 0 | 0 | |
| GED | 0 | 0 | 0 | |
| College Preparatory Training | 0 | 0 | 0 | |
| Basic Internet and Computer Use | 0 | 0 | 0 | |
| Certified Training Programs | 0 | 0 | 0 | |
| Other (please specify): Legal education and workshops | 3,552 | 4,144 | 11,603 | |
| Total | 3,552 | 4,144 | 11,603 | |
| <p>4. Please describe key economic and social successes of your project during the past year, and why you believe the project is successful thus far (600 words or less). This year, as part of Technology Assisted Legal Instruction and Services (TALIAS) Project expansion, North Carolina Central University (NCCU) started its Justice in the Practice of Law Summer Certificate Program. The courses were taught from NCCU and students used a desktop videoconferencing client and broadband to connect to class. Students took the courses from North Carolina, South Carolina, Virginia, Florida, Mississippi and Louisiana. Last year, TALIAS launched its first videoconference undergraduate course to students at NCCU and our partner institutions. The</p> | | | | |

course helped to expand the diversity pipeline to the practice of law. This year, students from past courses gained admittance into NCCU School of Law.

5. Please estimate the level of broadband adoption in the community(ies) and/or area(s) your project serves, explain your methodology for estimating the level of broadband adoption, and explain changes in the broadband adoption level, if any, since the project began.

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| 5a. Adoption Level (%): | Narrative description of level, methodology, and change from the level at project inception (600 words or less). |
| 0 | For the purposes of our program, we are focused on the institutional adoption of broadband. Our goal was to create broadband usage for 27 different locations. To date, we have 27 locations. This project has caused an increase in the usage of broadband throughout the 27 locations. |

6. Please describe the two most common barriers to broadband adoption that you have experienced this year in connection with your project. What steps did you take to address them (600 words or less)?

We did not experience any barriers to broadband adoption this year. Last year, we were able to troubleshoot network issues and made the necessary repairs. Our calls are 98% stable.

7. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities. (150 words or less)

Not applicable.

8. Please describe any best practices / lessons learned that can be shared with other similar BTOP projects (900 words or less).

There was such an overwhelmingly great demand for the services offered by TALIAS, initially we did not have an expansion and sustainability plan in place. This year, we applied for several grants and funds that will allow us to continue the TALIAS project including staffing, equipment and expanding to new underserved locations.