



**Broadband Non-Infrastructure Application
Submission to NTIA – Sustainable Broadband Adoption**

Submitted Date: 3/15/2010 4:47:47 PM	Easygrants ID: 5247
Funding Opportunity: Sustainable Broadband Adoption	Applicant Organization: NORTH CAROLINA CENTRAL UNIVERSITY
Task: Submit Application - Sustainable Broadband Adoption	Applicant Name: Mr. Gregory W Clinton Sr.

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A. General Application Information

1. Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	072026321
CCR # (CAGE)	8Z048
Legal Business Name	NORTH CAROLINA CENTRAL UNIVERSITY
Point of Contact (POC)	HAZELL REED, PHD 9195306931 Ext. hreed@nccu.edu
Alternate POC	KENDRA CARDWELL 9195307756 Ext. kcardwell@nccu.edu
Electronic Business POC	HAZELL REED, PHD 9195306931 Ext. hreed@nccu.edu
Alternate Electronic Business POC	KENDRA CARDWELL 9195307756 Ext. kcardwell@nccu.edu

2. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	Mr.
First Name	Gregory
Middle Name	W
Last Name	Clinton



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Suffix	Sr.
Telephone Number	919-530-7174
Fax Number	
Email	gclinton@nccu.edu
Title	Director, Information Technology

3. Additional Contact Information of Person to be Contacted on Matters Involving this Application:

Project Role	Name	Phone	Email
Secondary Point of Contact	Mrs. Kendra , Cardwell	9195307756	kcardwell@nccu.edu

4. Other Required Identification Numbers

Easygrants ID	5247
Funding Opportunity Number	500001
Catalog of Federal Domestic Assistance Number	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

5. Organization Classification

Type of Organization	State or State Agency
Is the organization a small business?	No
Does the organization meet the definition of a socially and economically disadvantaged small business concern?	No

6. Authorized Organizational Representative



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AOR	REED, HAZELL
Result	Notify

7. Project Title and Project Description

Project Title: NCCU School of Law Virtual Justice Broadband Project

Project Description: The NCCU School of Law Virtual Justice Broadband Project will increase broadband adoption by establishing fully immersive remote learning centers in four Historically Black Colleges and Universities (HBCUs), using videoconferencing and other broadband applications to provide critical legal resources to underserved populations across the state.

8. Other Applications

Is this application being submitted in coordination with any other application being submitted during this round of funding?

➤ Yes

Easygrants ID	Project Title
5789	Community Interactive Video Collaborative

If YES, please explain any synergies and/or dependencies between this project and any other applications.

There is great potential for participation and collaboration across the NCCU School of Law project and the University of North Carolina at Pembroke (UNCP) project. While the NCCU School of Law project will specifically work to promote preparation for careers in law and undergraduate institutions and extend legal education across the state, the Video Collaborative project will help to link those resources with other sectors. Through the UNCP project, NCCU School of Law will have greater access to individuals across the state in need of legal education and Virtual Justice. Likewise, UNCP will have the opportunity to promote an even stronger suite of services that includes Virtual Justice and legal education through broadband.

9. Is the Applicant exempt from the Department of Commerce requirements regarding individual background screening in connection with any award resulting from this Application?



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- Yes, Applicant is exempt because it is an accredited college or university

If the answer to the above question is "No," please identify each key individual associated with the Applicant who would be required to complete Form CD-346, "Applicant for Funding Assistance," in connection with any award resulting from this Application:

Name	Title	Employer

B. Executive Summary, Project Purpose and Benefits

Essay Question

10. Executive Summary of the proposed project:

The expansion of broadband access and connectivity is vital to the economic development and viability of families, institutions, businesses, and communities across North Carolina. According to census data from 2000, over 80 of the 100 counties in the state are defined as rural and represent un-served, under-served, and "hard to reach" locations for broadband infrastructure. In July 2009, the North Carolina state government released a broadband inventory map that documented broadband access and availability across the state. The inventory determined that while broadband service, at that time, was available to 92% of North Carolina households statewide, 241,000 households were being un-served by broadband providers. Regions of the state that showed the greatest need for broadband access and connectivity included the Western, Coastal Plain, and Southeastern/Sandhills parts of the state. State government and social services recognized the necessity of adopting broadband technology in order to remain economically competitive, while specific areas of education, legal justice, and health care are sited as especially impacted by lack of access to broadband.

State government has continued to prioritize broadband connectivity and adoption to respond to these challenges. North Carolina has seen key investments in the development of middle middle infrastructure, as a result. However, while the expansion of broadband infrastructure and networking has been made possible by projects like the Building a Sustainable Middle-Mile Network for Underserved Rural North Carolina project of MCNC, last mile initiatives are



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required in order to engage end-users in the available resources. Throughout North Carolina, the growing broadband infrastructure creates an opportunity for institutions like North Carolina Central University School of Law to craft inter-institutional and cross-regional programs that promote broadband adoption and meet critical needs in our communities.

The NCCU School of Law Virtual Justice Broadband Project will draw new and under-served users to broadband through a unique application of technology that provides legal education and resources to communities across the state. The project will respond to several key needs in North Carolina, by providing remote learning opportunities to low and median income students at HBCUs, offering pro bono legal resources via the Virtual Justice model, and encouraging broadband adoption through the innovative video telepresence design. NCCU School of Law will partner with Kontek Systems to custom-design a system for specific use in remote legal applications, at Elizabeth City State University, North Carolina Agriculture and Technology University, Fayetteville State University, and Winston-Salem State University. These anchor institutions will work with NCCU School of Law to provide distance learning opportunities in legal concepts, as well as pro bono legal education for low-income populations in each region.

The impact that poverty has on access to legal justice is great. In 2005, the North Carolina Supreme Court commissioned a study chaired by Chief Justice Sarah Parker to explore the need to expand civil legal representation for people of low income and modest means in the state. An initial report of the North Carolina Equal Access to Justice Commission in 2008, found that: “When they need assistance with a civil legal matter, over 80% of low-income people and people of modest means cannot afford to pay attorneys and are unable to secure representation from publicly funded attorneys or pro-bono volunteers.”

The Virtual Justice Broadband Project will respond to pressing legal issues facing low-income communities, particularly in Family, Veterans, and Civil Law. The project will concentrate both on low-income communities in the state and on institutions serving African-American populations. There is a significant geographic and demographic overlap between North Carolina regions under-served by broadband access, and those with high concentrations of poverty and minority populations. Of the counties currently being un-served or underserved by broadband, the majority are located in the Coastal Plain and Southeastern/Sandhills regions of the state, where many of the state’s poorest communities live. According to the North Carolina Rural and Economic Development Center, twenty-three counties in North Carolina had poverty rates over 18% in 2003. All of these counties are rural, and 19 of them are located in the Coastal Plain



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region. All of the 23 counties in which North Carolina's lowest income communities live are counties currently under-served by broadband. Finally, these persistently poor counties have the highest concentration of African-Americans in the state. While greater than 50% of the 560,000 rural people living in poverty are white, the poverty rate for rural blacks, which was 27% in 2003, is more than 1.5 times greater than the rate for rural whites. In 10 Coastal Plain counties, all of which are under-served by broadband access, more than a third of blacks live in poverty. Another region of focus for the project includes counties in the Southeast/Sandhills region, especially Pender, Robeson, and Columbus Counties, which also show significant concentrations of low-income African-Americans lacking in broadband access.

The universities that are participating in the project, particularly Elizabeth City State University and Fayetteville State University, serve as anchor institutions for these target populations. These institutions recognize the potential of broadband expansion to transform these communities for the better, by connecting low-income individuals with critical resources. NCCU School of Law is the ideal institution to design and coordinate the Virtual Justice Broadband application, given our commitment to incorporating technology and our proven approach to community legal education. NCCU School of Law is the only HBCU in the state and one of only two public institutions with a professional program in Law, and has been voted #1 Best Value in a law school education by National Jurist in 2009 and 2010 and is ranked 20th overall in the nation. Additionally, during the 2008-2009 academic year, 502 students participated in pro bono and clinical internships and externships at NCCU School of Law. These students provided 9,767 hours in free legal assistance to approximately 93 legal organizations, at a value of more than \$1.1 million in services.

The total budget of the NCCU School of Law Virtual Justice Broadband Project is \$2,832,426. The budget includes a 30.1% match of \$853,900, provided by in-kind and direct contributions from the project partners. Through this project, 7 new jobs will be created, three of those new positions at the NCCU School of Law, and one at each anchor institution.

11. Project purpose:

A growing application for broadband technology, telemedicine, has demonstrated the potential of broadband to connect vulnerable populations to vital social resources. The University of New Mexico School of Medicine, a leader in the nation in the adoption of telemedicine, conducted studies that demonstrate that the quality of their care has improved, while costs at the hospital have been reduced, as a result of applying telemedicine. These strategies, which include web-



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based professional consultation and image-sharing, have resulted in a major reduction in hospital costs. The Center for Telehealth and Cybermedicine Research at the University of New Mexico School of Medicine demonstrates the capacity of broadband technology to bring medical care to underserved populations more efficiently.

The Virtual Justice project will employ a similar strategy, using broadband technology for legal education and resources in underserved communities. The project will build on the existing use of broadband technology at each institution, by expanding video tele-presence and remote learning to the seven universities. By capitalizing on the Building a Sustainable Middle Mile Network for Underserved Rural North Carolina, a project of MCNC, NCCU School of Law will carry broadband access the last mile for anchor institutions that serve disadvantaged populations in North Carolina.

The NCCU School of Law is uniquely positioned to respond to these challenges, because of its accomplished academic program and clinical services, as well as the adoption of broadband-based learning. Voted #1 Best Value in law schools, and 18th in the nation in technology, NCCU School of Law has established its program as an effective model for technology adaptation in an educational setting.

Currently, the school employs 12 smart classrooms, which are fully equipped with a touch panel controlled A/V integration system to allow for fully immersive learning experiences for teachers and students. NCCU has also implemented a lecture capture system, which allows students to review recorded material via the web, including class meetings and special events. In less than three years time, the school has accomplished a 97% user-rate among faculty and a 38% user rate among students. Since implementation of this system the amount of recorded material made available for viewing has risen from 82 hours annually in 2007 to over 1,000 hours annually for 2010. Students may access recordings from both on and off campus and have viewed as much as 1,716 minutes including of 256 viewings over a 24-hour period. Popular courses frequently surpass 20,000 minutes of viewing time while the top 5 courses viewed average 5,607 minutes of viewership.

The project will respond to the purpose of this funding by providing training, equipment, and access, to educational institutions and end-users, in order to expand existing clinical legal programs and create undergraduate legal seminars at each university. Currently, NCCU School of Law administers a wide variety of clinical programs, including Family Law, Civil Litigation,



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and Veterans Law. The Law School participates in community-based legal education, which will serve as a model for one program area of the project. Clinical attorneys conduct face-to-face educational sessions with low-income individuals seeking knowledge about the law. These sessions do not provide legal representation, but rather, give consult- and advice-only guidance that empowers individuals to access legal justice by understanding law and pro-se, self representation.

NCCU School of Law Clinical Program will expand its proven, effective free service exponentially, and at less burden to individuals who participate. Rather than incurring the expense and challenges in order to participate in-person, individuals will access this education remotely. This will provide rural and low-income individuals access to legal resources that might not otherwise be available. Additionally, they will gain awareness and knowledge about broadband applications like video telepresence. For NCCU School of Law, the project represents an opportunity to develop its model of Virtual Justice through broadband adoption. Anchor institutions will enhance both the scope and purpose of their broadband access to meet the needs of low-income people across the state.

Legal seminars will be made available through this project to undergraduates at each of the anchor institutions. While NCCU is currently employing broadband-based learning, this project will add capabilities that do not exist in legal education in North Carolina. Students and Faculty will experience real-time, high-definition video telepresence that provides a state-of-the-art remote learning experience. Students will have access to technology, through broadband, that provides an immersive video-conference environment. In addition to gaining academic knowledge of legal concepts, students will experience invaluable exposure to broadband capabilities.

The project is consistent with the statutory purpose of the funding because it provides widespread opportunities, especially for youth and low-income individuals, to gain training and experience in the use of broadband technology and several dynamic applications. The project also focuses on underserved populations throughout North Carolina that have been identified as priority areas for improving broadband access and adoption.

12. Recovery Act and Other Governmental Collaboration:

The NCCU School of Law Virtual Justice Broadband Project will increase the impact of existing Middle Mile Network broadband expansion projects, by carrying this technology directly to



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endusers, while responding to other service needs in the state. The Building a Sustainable Middle-Mile Network for Underserved Rural NC project of MCNC, which was granted \$28,225,520 in Round 1 of BIP/BOP, funding has as its primary statutory goal, improving affordability and access for education, health care, community institutions, and last-mile providers.

Through that project, MCNC is able to provide middle mile broadband infrastructure to and connectivity across 37 North Carolina counties, with over 20 representing unserved and underserved populations. The project encompasses the communities of nearly half of the state's residents, and represents a vital step forward for broadband infrastructure, as well as education, economic development, and social services.

The NCCU School of Law Virtual Justice Broadband Project is responding to the opportunities presented by the MCNC project, to utilize the enhanced capacities at anchor institutions and provide state-of-the-art education and social service opportunities to the same underserved communities. As University of North Carolina schools, each of the anchor institutions are on the improved broadband networks provided through the MCNC project, and there is a significant overlap between the communities served by these institutions and the more robust and connected network built through the MCNC project.

The NCCU School of Law project provides an efficient opportunity to leverage those investments, as the existing anchor institutions are already supported by the network, and committed to expanding adoption and use of broadband capacity through their institutions. Kontek Systems, as the system integrator, will design an application unique to the project, with a special focus on Virtual Justice and legal education. Kontek Systems will work with North Carolina Research and Education Network (NCREN), if necessary, to ensure that each site will function efficiently, and at full capacity, toward the objectives set out in the project.

13. Technology Strategy:

The Virtual Justice project will establish video telepresence and synchronous education across the four anchor institutions. The project will require the expansion of existing capabilities at NCCU School of Law as well as the anchor institutions. Each anchor institution will acquire a complete high definition room telepresence system, configured to support both remote client/attorney legal clinic consultations and educational seminars. This equipment will include video network infrastructure upgrades to support secure firewall traversal and data encryption.



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NCCU School of Law, as the coordinating partner, will acquire a multi-screen video telepresence system that will serve both as the host room for faculty instruction and legal clinic consultations and as the control point for remote monitoring and management of the six remote systems. It will also acquire video network upgrades to support multi-site video calling and secure firewall traversal.

In order to coordinate the technical and programmatic aspects of the project, NCCU School of Law will hire three administrators at NCCU and one located at each anchor institution to manage the project. Project administrators at each institution will be charged with working with the NCCU technical staff to coordinate the use of videoconferencing, teleconferencing, remote learning and the other applications. Administrators will also work with faculty at each institution to implement the two program objectives: community clinics on law, and legal undergraduate seminars.

NCCU School of Law is developing a comprehensive marketing strategy to raise awareness about the capacity of broadband-based learning to improve the quality of education and access to legal justice. This public education campaign, which is being coordinated by the lead applicant and implemented by the partners statewide, will help each anchor institution identify project participants, both students and community members, most in need of broadband access and the opportunities presented by this project.

14. Innovative Approach:

The Virtual Justice Project is an innovative approach to broadband adoption, because it expands the application of Virtual Justice to include remote learning and immersive video-conferencing capabilities through broadband technology.

Specifically, the project will encourage broadband adoption, at an institutional level, by offering a resource in legal education that is desperately needed in low-income communities. Participants will be drawn to the resource by a proven approach to group learning, and they will gain awareness and knowledge about broadband as a result. The high-resolution technology is ideal for this purpose as it is designed to allow participants a fully immersive experience, with real time communication and interaction, without requiring obtrusive or burdensome interaction with equipment. The system will be designed so that users can approach the technology, with little training, and interact directly with its video telepresence capabilities.



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Indirectly, users who participate in the project will have exposure to user-friendly broadband applications that will encourage them to pursue broadband access in their own homes and discover more applications. As awareness of these vast broadband applications grows, the demand for broadband access increases.

One major challenge to the Virtual Justice application, which relates to confidentiality and information integrity, is addressed in an innovative way by the project. Previously, when legal professionals used broadband video technology in their work, they required Integrated Services Digital Network (ISDN) communication lines in order to ensure secure transmission. Often the recurring monthly cost of these ISDN lines were cost-prohibitive for users serving low-income clientele.

This project will employ AES encryption technology, which allows secure communications over standard broadband IP networks and meets the requirements for HIPAA compliance, thus making Virtual Justice that much more accessible to vulnerable communities. This innovation is a key component of the project that is only made possible through the expanded adoption of broadband throughout the state.

15. Is the applicant seeking a waiver of the Buy American provision pursuant to section x.Q of the NOFA?

- No

16. Is the applicant delinquent on any federal debt?

- No

If Yes, justification for delinquency:

- .

17. Are you seeking a waiver of any requirement set forth in the NOFA that is not mandated by statute or applicable law?

- No

C. Partners



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18. Are you partnering with any other key institutions, organizations, or other entities for this project?

- Yes

If YES, key partners are listed below:

<p>Project Role: Contractor Name: Newman, Wes Email: info@kontek.com Address 1: 318 Holland Street Mall Address 2: Address 3: City: Durham State: North Carolina Zip Code: 27701 Organization: Kontek Systems Organization Type: For-profit Entity Small business: Yes Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Izod, Andrew Email: andrew.izod@polycom.com Address 1: 100 Minuteman Rd Address 2: Address 3: City: Andover State: Massachusetts Zip Code: 01801 Organization: Polycom, Inc. Organization Type: For-profit Entity Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Contractor Name: Rose, Tobias Email: tobias@komplekscreative.com Address 1: 1543 Cooper St Address 2: Ste C Address 3: City: Durham State: North Carolina</p>



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Zip Code: 27703
Organization: Kompleks Creative, Inc.
Organization Type: For-profit Entity
Small business: Yes
Socially and economically disadvantaged small business concern: Yes

19. Description of the involvement of the partners listed above in the project.

Kontek Systems is an audio/video systems integrator that specializes in systems design, programming, installation, and service support. In the pre-application phase, Kontek has lent in-kind administrative support to project development and planning. While the equipment will be supplied by Polycom, Kontek will custom-build each site to specifications unique to the technology application. Additionally, Kontek will provide project management and training of both facilitators and end-users at each site.

Polycom, Inc. is the supplier of equipment to be purchased for the project. Polycom has supplied pre-application support in the form of coordinating planning sessions and in-kind administrative support. Polycom will consult with Kontek to ensure that the right equipment is being acquired to suit the project needs.

Kompleks Creative, Inc. is working with NCCU School of Law to develop and implement a Marketing and Awareness plan that will draw underserved populations across North Carolina to the project. Kompleks will provide a marketing strategy that includes radio, television, print, and online media strategies.

D. Congressional Districts

20. Applicant Headquarters

- North Carolina

21. Project Service States

North Carolina



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22. Project Service Areas

- North Carolina - 1
- North Carolina - 2
- North Carolina - 4
- North Carolina - 7
- North Carolina - 12
- North Carolina - 13

23. Will any portion of your proposed project serve federally recognized tribal entities?

- No

24. Indicate each federally recognized tribal entity your proposed project will serve.

25. Have you consulted with each of the federally recognized tribal entities identified above?

No

E. Community Anchor Summary

26. Community Anchor Institution	
Schools (k-12)	0
Libraries	0
Medical and Healthcare Providers	0
Public Safety Entities	0
Community Colleges	0
Public Housing	0



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Other Institutions of Higher Education	5
Other Community Support Organization	0
Other Government Facilities	0
TOTAL COMMUNITY ANCHOR INSTITUTIONS	5
27. Minority Serving Institutions	
Historically Black colleges and Universities	5
Tribal Colleges and Universities	0
Alaska Native Serving Institutions	0
Hispanic Serving Institutions	0
Native Hawaiian Serving Institutions	0
TOTAL MINORITY SERVING INSTITUTIONS	5

F. Demographics

28. Will your proposed project be specifically directed to serve vulnerable population groups?

➤ Yes

If "Yes" which vulnerable population groups will your proposed project serve? Check as many as apply:
Black/African-American

Low Income

Youth



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Other:

29. Vulnerable Populations

The NCCU School of Law Virtual Justice Broadband Project will target three vulnerable populations in North Carolina: African-American, Low-income, and Youth.

Regions of the state currently un-served and under-served by broadband have high concentrations of low-income and African-American populations. The Coastal Plain and Southeast/Sandhills regions, which will be target areas for the project, show an overlap of lack of broadband access, persistent poverty, and African-Americans. According to a recent North Carolina government report on broadband connectivity, 241,000 rural households are currently un-served by broadband connectivity. And while greater than half of the rural poor are white, the poverty rate amongst African-Americans in those same regions is more than 1.5 times greater than the rate for whites.

30. Accessibility

In accordance with federal statutes (Section 504 of the Rehabilitation Act of 1973) and state statutes (North Carolina Gen. Stat. § 168A-7; Section 3) governing access in publicly funded institutions, each of the participating anchor sites is fully accessible to qualified participants with varying abilities. In order to ensure that the project is welcoming and accessible, project facilitators will be trained to present the technology in a manner consistent with accessibility, as set down in federal and state statutes.

31. Other Languages

- The programs available through the project will be offered primarily in English. Training and educational materials will be developed in English.

G. Project Budget



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32. Project Budget	
Federal Grant Request	\$1,978,526
Total Match Amount	\$853,900
Total Budget	\$2,832,426
Match Percent	30.1%

33. Projects Outside Recommended Funding Range:

- There are no project components outside of the recommended range.

34. Sustainability:

In March 2009, a bill entitled Broadband Technology Funds [House Bill 826 (S1002)] was introduced in the North Carolina House of Representatives to authorize a \$7.4 million matching funds pool to leverage federal funds through the American Recovery and Reinvestment Act for Broadband Technology Opportunity Grants for the purpose of mapping and deploying broadband technology in the State's rural communities. The State of North Carolina recognized its opportunity to leverage federal investment and greatly impact the existing broadband infrastructure and adoption in the state.

Currently, the legislation has been referred to an appropriations committee, and the funds have not yet been authorized. The Virtual Justice project meets multiple objectives of this funding priority, and one part of the sustainability strategy will be to pursue those state funds should the pool ever become authorized. The project partners will work to identify additional potential funding sources that are consistent with the scope and goals of the project. The project timeline includes several months of research and planning in order to identify such resources to sustain the project.

The Virtual Justice Project will also be sustained through program income and additional funding sources beyond the two-year grant period. The undergraduate seminars in legal concepts will generate revenue, via course tuition, at each anchor institution. This income will be applied towards equipment maintenance and administrative costs associated with each remote location.

North Carolina Central University developed an internal incentive program to encourage the adoption of distance education at the institution. Individual faculty are encouraged to develop



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online courses and, if enough courses are offered in a given unit, the university hires additional permanent faculty to support the unit. These financial incentives support the expansion of distance learning, which NCCU School of Law intends to benefit from. The adoption of remote learning seminars through this project will create incentive to expand the Law School faculty and increase its capacity to support the project.

The Virtual Justice model itself is sustainable, because it does not rely on major capital investments, or dedicated faculty and staff at the anchor institutions beyond the new positions.

35. Matching Funds	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Describe the matching contributions	<p>Matching Contributions</p> <p>\$34900 NCCU School of Law Pre-grant expenses</p> <p>\$120000 NCCU School of Law In-kind donation of space, network and system support, site maintenance</p> <p>\$75000 NCCU School of Law Year 2 Instructor</p> <p>\$144000 State of North Carolina In-kind salaries for attorneys</p> <p>\$120,000 Elizabeth City State University In-kind donation of space, network and system support, site maintenance</p> <p>\$120,000 Fayetteville State University In-kind donation of space, network and system support, site maintenance</p> <p>\$120,000 North Carolina A&T University In-kind donation of space, network and system support, site maintenance</p> <p>\$120,000 Winston-Salem State University in-kind donation of space for room installation</p>
Unjust enrichment	NCCU School of Law is not receiving and has not applied for federal support in the same proposed funded service area as this project.
Disclosure of federal and/or state funding sources	There is no additional federal or state funding received, or requested, for this project. Should the North Carolina State program Broadband Technology Funds House Bill 826, Senate bill S1002 funding become



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	authorized and funded, the applicant will seek to apply for matching state funding to support the project after the grant period.
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36. Budget Narrative

Budget narrative	<p>Total project cost is \$2,832,426. Total federal request is \$1,978,526, and match is \$853,900. Project costs include equipment purchase (\$999,403), installation (\$174,978), and systems support (\$89,745), personnel and fringe benefits (\$833,400), facility and network maintenance and support (\$600,000), training materials (\$25,000), marketing/awareness (\$75,000), pre-grant expenses (\$30,000) and grant writing (\$4900).</p> <p>Pre-grant expenses (\$30,000) include teleconferences and videoconferencing between partners, travel for meetings, staff for project development, and materials. The \$4,900 grant writing cost covered contracting a grant writer (Dannette Sharpley Consulting) to complete the federal request. Other First Quarter costs include equipment purchases for the NCCU hub and 4 remote sites. NCCU hub purchases include 1 Polycom RP4X (\$500,420), 1 Polycom Bridge Upgrade (\$99,327), and 1 VBP (\$7,076). Remote site purchases include 4 HD1X systems (\$91,069 per unit, or \$364,276 total) and 4 VBP (\$7,076 per unit, or \$28,304 total). Other First Quarter expenses include \$75,000 contract expenses (Kompleks Creative, Inc.) to launch Marketing Campaign and develop Assessment Tool. The cost will be spread out over the two-year grant period, with half paid upfront and the remaining half upon project completion.</p> <p>Other expenses to be spread over the grant period include hiring and training staff to implement the project, and system support by Kontek. Personnel expenses to include 1 Project Manager at NCCU (\$50,000 per year for two years), 1 Project Coordinator at NCCU (\$30,000 per year for two years) and 4 On-site Managers at anchor institutions (\$40,000 per year for two years). Eight staff attorneys at NCCU School of Law will staff the program part-time, over a 2-year period (\$9,000 per attorney per year, or \$144,000 total). Fringe benefits for all 6 new hires is \$134,400, which includes Project Manager</p>
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	<p>(\$28,000), Project Coordinator (\$16,800), and On-site Managers (\$22,400 each, or \$89,600 total). Kontek Systems will provide systems support and train each staff, and work with NCCU School of Law to develop training materials for end-users. Systems support costs over the 1 year include RP4X support (\$60,689), HD1X support (\$3,740), Bridge Upgrade support (\$17,996), and VBP support (\$7,320), \$89,745 total. Both the support and training (\$25,000) expenses will be incurred initially and spread out over the grant period (year 1 for support, and two years for training).</p> <p>In-kind contributions of \$120,000 per institution over a two year period include the donation and maintenance of one room to serve the project, and the use of broadband access, and network and systems support. This total project cost is \$600,000 over a 2-year period. Remaining project expenses include the hiring in year 2 of a Site Instructor at NCCU Hub to further develop and expand programming. The cost of that position is \$75,000 to be incurred in the 4th Quarter for year 2.</p>
Budget reasonableness	<p>The total installed cost of the each anchor institution telepresence system is \$106,249. In rationalizing the choice of Polycom over competitors, there are important features that justify the costs. Cisco markets a fully immersive telepresencing package that offers most of the same features as Polycom. However, the Cisco solution is less affordable and has limitations to adoptability, because it is an entirely proprietary closed system. The full information sharing functions, particularly security and resolution, are only accessible when Cisco products are “talking to each other”. These limitations, which are not an issue with Polycom, would severely hinder the ability to expand the use of the Virtual Justice program, particularly through the incorporation of a Polycom Converged Management Application. The CMA would allow end-users to participate from their homes, expanding the impact of broadband adoption and the project benefits exponentially.</p> <p>The University of New Mexico’s Center for Cyberhealth and Telemedicine has documented the cost savings and efficiency of</p>



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	<p>telemedicine. They developed a windshield time cost estimator that demonstrates the inefficiency when doctors and patients are routinely transferred across territory for services. A similar estimate can be developed to demonstrate the value of providing legal needs over broadband. In 2008-2009, the clinical program provided 9,767 hours of free legal service at a value of \$1.1 million. This figure doesn't factor in the cost to clients traveling from remote areas of the state. In the Virtual Justice project, the program will increase its offerings of free legal service to remote communities, with far less financial or environmental impacts due to travel.</p> <p>For low-income populations, gaining broadband access and experience, as well as qualified legal education is invaluable. Legal Aid of North Carolina published a report in 2003 assessing the legal needs in the state, and identified civil legal challenges as particularly difficult to overcome for low-income people. In many cases, without private legal representation, individuals have little to know access to courts, and have no opportunity to advocate for themselves in legal proceedings. Through the Virtual Justice project, the participating institutions will help to close the gap in legal representation between low-income populations and those with greater financial wealth.</p> <p>The project is also an extremely valuable investment in the potential of low-median income undergraduates. Students who participate in the seminar program and pursue careers in law will have an advantage in applying to law schools and succeeding in those programs. On average, degrees in law are worth between \$750,000 and \$1,000,000. The Virtual Justice Broadband Project is a wise investment in the potential of low-median income African-American college students who are currently under-represented in most professional careers, including law.</p>
Demonstration of need	<p>The NCCU School of Law would not be able to implement the Virtual Justice Broadband Project without the assistance of federal funding. In a year in which the state budget shortfall may reach \$4 billion, state budget cuts to the University of North Carolina system have required</p>



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	<p>austerity measures and allowed very few new projects to be funded. The annual budget for the NCCU School of Law does not allow for the incorporation of such an ambitious investment, despite the tremendous potential impacts this project will have not only in our institution, but in HBCUs across the state. The documentation below demonstrates the inability of NCCU School of Law to support the Virtual Justice Broadband Project without federal funding. Please see attached budget and additional information for further clarification.</p>
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37. Funds to States/Territories

States	Amount of Federal Grant Request
North Carolina	1,978,526

Funds to States/Territories Total: \$1,978,526

H. Historical Financials

38. Matching Funds			
	2007	2008	2009
Revenue	61,220,908	68,765,228	0
Expenditures	158,061,722	174,834,191	0
Net Assets	227,144,493	230,614,845	0
Change in Net Assets from Prior Year	14,333,495	967,214	0
Bond Rating (if applicable)			

I. Program Benefits



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39. Jobs	
How many direct jobs-years will be created from this project?	7
How many indirect jobs will be created from this project?	7
How many jobs will be induced from this project?	7

40. Methodology used to estimate jobs:

In order to ascertain an estimate of jobs creation, the direct jobs-years figure is based on the budgeted positions created by the funding. The other figures are derived from the Council of Economic Advisor's guide, per the grant recommendation.

41. Adoption Metrics	
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?	2100
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?	0
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?	2800
What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user?	\$1,022.30

42. Measuring Adoption Impact:

Across 4 anchor institutions, we estimate the program will serve 35 groups of 5 per semester per year. For two years. That total amount is 2800. We estimate that 3/4 of those participating will adopt broadband access in order to continue participating in the resources beyond the initial course.

43. Broadband Training Programs	
If you intend to provide training or education, how many people in total will your program(s) reach?	2160



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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?	4
How many Full time employee (FTEs) instructors or facilitators will you employ for broadband and digital literacy training purposes?	6

44. Describe their qualifications (training and experience):

Julian Milano and Michael B. Juday of Kontek Systems are certified in the appropriately technology and engineering in the design team on the project. Please see attached resumes for further qualification information for the designated trainers.

45. Equipment Affordability Programs		
What is the total up-front cost of this equipment?	\$999,403.00	
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?	0	Households
	0	Businesses
	5	Institutions
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?	\$0.00	
How many broadband-related equipment units (e.g. computers, wireless devices) do you intend to purchase overall?	5	

46. Broadband Awareness Programs	
If you are conducting an awareness campaign, how many people do you expect your campaign will reach in total per year?	750000

47. Awareness Campaign Methods: Briefly describe the targeting, media, and messaging strategies your awareness campaign will employ.



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Kompleks Creative is developing a comprehensive marketing plan that will reach 500,000-1,000,000 individuals per year for the project. Kompleks will use a branded image approach by popularizing both the concept of Virtual Justice and the NCCU School of Law, in advertising the project opportunities.

The targeted outlets include the cities and surrounding areas of each anchor institution: Winston-Salem State University (Winston-Salem), North Carolina A&T University (Greensboro), NCCU School of Law (Durham), St. Augustine University (Raleigh), Elizabeth City State University (Elizabeth City), Fayetteville State University (Fayetteville), and UNC Pembroke (Lumberton).

The primary target population for this project includes low-to-median income individuals who have legal needs that they are not able to resolve through alternative legal services. Many North Carolinians living at or near the poverty level have gained legal support through non-profit Legal Aid and other pro bono resources. Individuals with sufficient income for private practice attorneys, tend to have adequate access to representation. This project will target those individuals who require education about legal concepts and resources, and either 1) do not qualify for Legal Aid due to income restraints, or 2) do not understand their right to access such services. While race and ethnicity vary widely in this income bracket, this marketing strategy will specifically target African-American and Native-American populations. Kompleks will primarily focus on radio strategies for reaching the project's target audience. They will also employ print media, online advertising, and television strategies for outreach and awareness. Direct-mail will be uniquely targeted toward legal aid networks with direct contact to those individuals in need; while strategically timed press activities will help to build a market before the project begins.

The secondary target population includes undergraduate students at each institution. These students are predominantly low-median income African-American and Native-American youth studying at Historically Black and Native-American Serving institutions. Kompleks will focus those strategies on poster and print media, online advertising, and Facebook-style social networking.

This marketing plan differs from conventional approaches in that it will not center its imaging on broadband technology and access, but rather on the Virtual Justice application. Recognizing that the target populations have been under-served by broadband and internet access, this approach will avoid confusing, intimidating, or alienating potential new users by highlighting the legal



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resources available, instead of the technology. Every media strategy will include talking points, which highlight broadband and distance learning as the vehicle for this program, but the campaign will rely on interest in the service to draw new users to the technology.

48. Measuring Campaign Impact: Describe how you will measure the impact of the awareness campaign.

Kompleks Creative, Inc. will employ a variety of strategies to measure the impact of the campaign. For the online strategies, a combination of online clicks and impressions tracking, google analytics and conversions will be used to gauge the impact of that aspect of the campaign. Kompleks will track the impact on users through sign-up and registration processes, as well as participant surveys, by asking questions about how individuals learned of the project and about participants who were new broadband users. Kompleks will provide period reports to assess and document the effectiveness of media strategies throughout the 2-year grant period.

J. Project Readiness

49. Licenses and Regulatory Approvals

There are no applicable licenses or regulatory approvals required for this project.

50. Organizational Readiness

NCCU School of Law is well-prepared to implement the project in coordination with the technology partners and anchor institutions, as a result of its experience with the broadband-based learning and academic programs. NCCU School of Law, as demonstrated by its investment in information technology facilities, is committed to promoting, supporting and integrating appropriate technology that is seamless, up-to-date, and user-friendly. Under the Federal Title III, Part B act "Strengthening Historically Black Colleges and Universities", the NCCU School of Law received funding to develop and strengthen its technological capacity to meet the needs of predominantly low-income students in a law program.

Some of the technology being utilized at the School of Law includes The West Educational Network (TWEN), which is a broadband-based online classroom management system. This system, similar in concept to BlackBoard, was designed specifically for use in law schools. Additionally, the facility has implemented an Audience Response System (APS-Clickers) for use in classrooms, that also has broadband-based capabilities. Because of the success of the Title III investment, the NCCU School of Law has fully developed and staffed the the information



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technology-based system and has transferred the maintenance for the operation to the North Carolina state budget, which now fully supports the management and facilities costs.

NCCU School of Law has been extremely successful at encouraging its faculty and students to understand and utilize the existing technology, demonstrating its ability to develop a project that will have lasting impact for the institution. Since incorporating the new technologies and broadband-based learning over a ten-year period, the institution has been very successful at creating incentives and engaging both students and faculty in using the technology. The institution has been recognized across the academic legal field for its strides in technology development and for the positive impact technology has had on providing a quality, cost-effective, and efficient education to its students.

This institutional knowledge and track record demonstrate the readiness of the NCCU School of Law to implement and sustain the project for which they are requesting funding. The technology partners, with whom the institution has worked throughout the 10-year period, provide comprehensive technology expertise and support to the project, while the anchor institutions are fully committed to implementing this network that will enhance both the capacity and the purpose of broadband at each institution.

51. Project Timeline and Challenges

- Qtr 1 October-December 2010 Launch Marketing/Awareness Campaign
 - Develop Marketing/Awareness Campaign Assessment Tool
 - Equipment Purchase for 5 rooms
 - Rooms 1-5 Site Surveys (CAD drawings, make ready deliverable)
 - Room 1, 2 Installation and Testing
 - Network Segment Testing on all sites
 - On-site Readiness Verification for all sites
 - Begin Hiring and Training Personnel
 - Begin Identifying Program Participants
 - Begin Tracking Impact/Usage

- Qtr 2 January-March 2011 Room 3, 4 Installation and Testing
 - Identify Program Participants
 - Implement Clinical Program



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- Qtr 3 April-June 2011 Room 5 Installation and Testing
Develop Synchronous Seminars to launch Spring 2012
- Qtr 4 July-September 2011 Identify Program Participants
Kontek Hand-off of VNOC to NCCU School of Law
- Qtr 5 October-December 2011 Finalize Synchronous Seminars
Begin developing sustainability plan, to include future funding
- Qtr 6 January-March 2012 Implement Synchronous Seminars
- Qtr 7 April-June 2012 Develop Sustainability Plan for project
- Qtr 8 July-September 2012 Begin Program Evaluation
Evaluate effectiveness of Marketing/Awareness campaign
Project Reporting

One major potential challenge to project implementation is the possibility that, for any of the anchor institutions, the statewide network infrastructure might not be sufficient to support the site. The design and technical support provided by Kontek Systems will include a thorough site analysis for each anchor institution to ensure the readiness and capacity of the broadband network to support the project. NCCU, as the lead applicant, will work with Kontek, anchor institutions, and the North Carolina Research and Education Network (NC REN) to mitigate any potential challenges related to network capacity.

52. SPIN Number

K. Environmental Questionnaire

53. Does the proposed action involve the procurement of materials? If so, will the materials be installed, stored or operated in an existing building or structure? If yes, please click "Add" to include the list of equipment and peripherals to be procured.

Yes



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Equipment will be installed, stored, and operated in existing rooms at each anchor institution. A list of equipment to be acquired:

- 1 Custom designed Room Systems to include Polycom RP4X
- 4 Room Systems to include Polycom HDX
- 1 Polycom Bridge Upgrade
- 4 Polycom Video Border Proxy

54. Does the proposed action involve procurement of electronic equipment? If yes, will the equipment be disposed of in an environmentally sound manner at the end of its useful life?

Yes

55. Does the proposed action involve construction, remodeling, or renovation? If so, will these activities be limited to only minor interior renovations to a structure, facility, or installation? If yes, click "Add" to include a description of the proposed renovations with your project summary.

Yes

The NCCU hub will require ceiling mounts to support the ceiling of the RPX. All Rooms will require the addition of data drops to house electrical and data cords.

56. Does the proposed action involve the production and/or distribution of informational materials, brochures, or newsletter?

Yes

57. Does the proposed action involve training, teaching, or meeting facilitation at an existing facility or structure? If yes, click "Add" to explain.

Yes

Each site will require training to be conducted by Kontek Systems, Inc. and will take place either on-site or remotely, via video telepresence.



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58. Does the proposed action involve ground or surface disturbance to accommodate new fiber optic cable? If yes, please click "Add" to include a description of the extent of service upgrade, a list of the permits required, and linear footage of underground fiber optic cabling required.

No

59. Does the proposed action involve an upgrade of broadband service to an existing facility or structure? If yes, please include a description of the extent of service upgrade, a list of the permits required, and linear footage of underground fiber optic cabling required?

No



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Uploads

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

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	NCCU School of Law Org Chart Admin 3.pdf	Clinton, Gregory	03/15/2010
Management Team Resumes and Organization Chart	Clinton Resume March 2010.pdf	Clinton, Gregory	03/15/2010
Management Team Resumes and Organization Chart	Resume Glean.pdf	Clinton, Gregory	03/15/2010
Government and Key Partnerships	UNCPNCCUVirtualJusticeBroadbandProject.pdf	Clinton, Gregory	03/14/2010
Government and Key Partnerships	NCCU Law BTOP Grant - Kontek letter of support 3-13-10.pdf	Clinton, Gregory	03/14/2010
Government and Key Partnerships	ECSU letter of support.pdf	Clinton, Gregory	03/15/2010
Government and Key Partnerships	nc fsu letter of support.pdf	Clinton, Gregory	03/15/2010
Government and Key Partnerships	nca&t letter of support.pdf	Clinton, Gregory	03/15/2010



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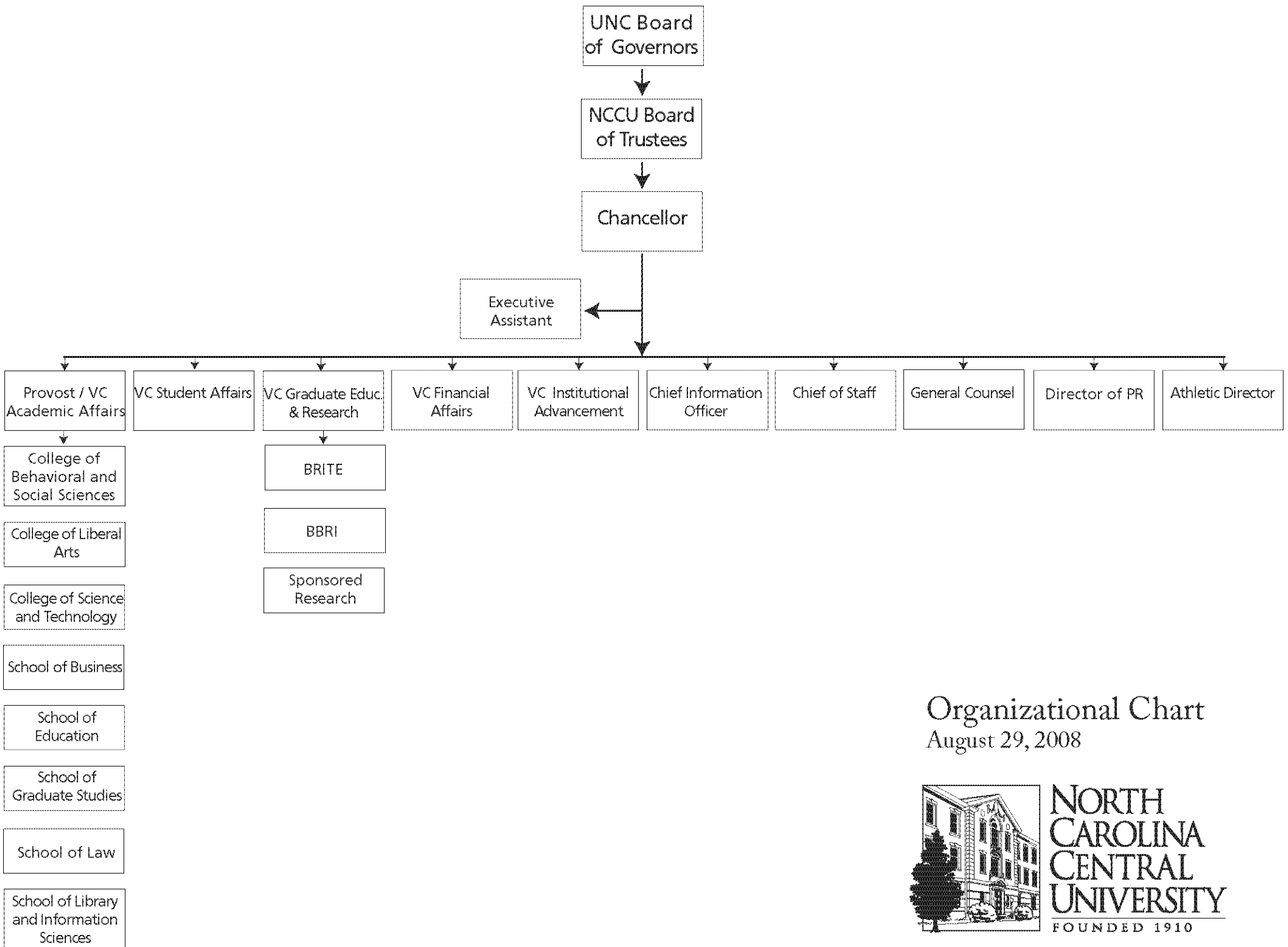
Government and Key Partnerships	WSSU_BTOP_LetterOfSupport.pdf	Clinton, Gregory	03/15/2010
Historical Financial Statements	NCCU_Audit_07_08.pdf	Clinton, Gregory	03/15/2010
Community Anchor Institutions Detail	NCCU Anchor Detail.xls	Clinton, Gregory	03/14/2010
BTOP Certifications	A and C.pdf	Clinton, Gregory	03/15/2010
Detailed Budget	budget detail.xls	Clinton, Gregory	03/12/2010
SF424 A Budget	SBA SF424A Form for NCCU.PDF	Clinton, Gregory	03/12/2010
SF424 A Budget	Budget_NCCU.pdf	Clinton, Gregory	03/15/2010
SF424 B Assurances - Non-Construction	Assurances.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	Polycom support for Greg Clinton.pdf	Clinton, Gregory	03/12/2010
Supplemental Information	Letter of Support Kompleks.PDF	Clinton, Gregory	03/12/2010



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Supplemental Information	Julian Milano-resume.3_12_10.pdf	Clinton, Gregory	03/12/2010
Supplemental Information	Michael Juday Resume.pdf	Clinton, Gregory	03/12/2010
Supplemental Information	Craig Kabatchnick Resume 2008.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	Davis Resume.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	Malhoit Resume.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	Potter Resume.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	NCCU School of Law MCNC.pdf	Clinton, Gregory	03/15/2010
Supplemental Information	NCCU School of Law Budget.pdf	Clinton, Gregory	03/15/2010



Organizational Chart
August 29, 2008



GREGORY WAYNE CLINTON, SR.

EDUCATION

BA, Business Administration

MOREHOUSE COLLEGE, Atlanta, GA

Cum Laude Graduate ■ Scholastic Achievement Award in Business Administration ■ Glee Club; President/Business Manager, Vice President and Librarian ■ Managed the production and distribution of The Morehouse College Glee Club's Album-"Atlanta's Children, Listen To The Lambs"

EXPERIENCE

Director of Information Technology & Facility Management

July, 2005 - Present

North Carolina Central University School of Law
Durham, NC

Responsible for maintaining and upgrading the Law School's facilities to provide a safe, secure and healthful environment for studying, teaching, and working. Manage contracts for janitorial, landscaping, and HVAC services. Manage security personnel to provide security for the interior and exterior of the Law School building consistent with the use of the building. Responsible for directing computing operations and expanding technology capabilities to meet the current and future needs of the Law School's students, staff and faculty; Develop and implement short-term and long-term strategies that will continue to enhance the integration of information technology capabilities into all aspects of teaching and research; Work as a pro-active agent for change, taking the lead in assessing needs and organizing resources to achieve desired change; Monitor the law school technology environment, manage the resolution of problems, and ensure effectiveness of technology staff; Develop smart classrooms and implement strategy for utilization; Provide for a seamless integration of technology throughout the Law School and Law Library; Provide a user friendly support system that maximizes the use of technology.

Director of Information Technology

April, 2002 - July, 2005

Responsible for directing computing operations and expanding technology capabilities to meet the current and future needs of the Law School's students, staff and faculty; Develop and implement short-term and long-term strategies that will continue to enhance the integration of information technology capabilities into all aspects of teaching and research; Work as a pro-active agent for change, taking the lead in assessing needs and organizing resources to achieve desired change; Monitor the law school technology environment, manage the resolution of problems, and ensure effectiveness of technology staff; Develop smart classrooms and implement strategy for utilization; Provide for a seamless integration of technology throughout the Law School and Law Library; Provide a user friendly support system that maximizes the use of technology.

Computer Systems Administrator II

January, 2000 - April, 2002

Responsible for the installation, selection, maintenance and operation of the Law Schools faculty, staff and student computing equipment and technological resources. Supervised student workers, computer technician, and outsourced vendors; Provided consultation, training and troubleshooting for Law School constituents; Assessed information technology equipment and software and potential automation of processes and functions; Deployed staff and services to meet computing needs of the Law School; Supervised and worked with consultants, vendors and campus technology support personnel to provide technological resources to the law school community.

Computer Systems Administrator I

July, 1998 - December, 1999

Responsible for the Law School's computer system and equipment; duties included hardware and software management, troubleshooting, coordination of software needs, resolution of equipment, communication problems, and user training on system capabilities and software.

Consultant

February, 1991 - Present

GREG CLINTON CONSULTING

Durham, NC (March, 1996- Present)

Montgomery, AL (February, 1991 - March, 1996)

Responsible for obtaining clients; recommending computer hardware, software and networks to achieve efficiency through technology; managing the installation of networks and professional staff, providing on-site training and installation; maintaining financial records for reporting and management purposes; providing interpretative analysis of financial data; evaluating new business ventures and making recommendations to clients or potential investors; the developing and updating business plans; providing short term management and marketing assistance; assisting in the development and implementation of short-term and long-term goals; assisting clients in determining their strengths, weaknesses and market opportunities; and project management. Provided value added consulting services to small and mid-size companies.

President

July, 1988 - July, 2004

CLINTON-WILLIAMS CORPORATION

Atlanta, GA

Responsible for the development, publishing and marketing of 5 editions of The Childcare Guide - A comprehensive guide to childcare facilities located within the Metro Atlanta Area. Established a corporation to provide concise, comprehensive and practical information to aid in family care decisions.

Marketing Manager

November, 1989 - July, 1990

WSKN/1410 RADIO STATION

Montgomery, AL

Responsible for marketing an AM Radio Station, maintained sales records, wrote reports, created radio programs, promotions and advertisement. Positioned an AM radio station as "The Community Based Radio Station."

Instructor /Marketing Representative

June, 1986 - August, 1987

JOB SEEKING SKILLS, INC.

Montgomery, AL

Responsible for developing and implementing marketing plans for Job Seeking Skills, Inc.'s new acquisition Acousti-Brite. Responsible for teaching economically disadvantaged students marketable sales skills, developing their motivation and obtaining job placement. Designed and implemented marketing plans for Acousti-Brite Operation securing three key accounts.

Neighborhood Office Agent

October, 1984 - April, 1986

ALLSTATE INSURANCE COMPANY

Chapel Hill, NC

Responsible for the organization, development, and management of a Neighborhood Sales Office. Achieved exposure for the company in the commercial market. Led Allstate Insurance Company's 14th District in Life and Commercial Sales.

Registered Representative

September, 1983 - September, 1984

FIRST INVESTORS CORPORATION

Durham, NC

Responsible for obtaining and servicing clientele, offered financial planning to new and existing clients, and recruited other registered representatives. Ranked #80th nationally and #40th regionally out of 2500 Registered Representatives in Investment Sales.

Major Accomplishments, Presentations and Recognitions at North Carolina Central University School of Law**Accomplishments**

- Created an user friendly technology environment where over 90% of the full-time faculty use technology for instructional purposes
- Initiated and launched a Laptop Loaner Program, whereas a laptop was made available to every first year

student

- ❑ Managed and directed the design, renovations and construction of class, group study and meeting rooms
- ❑ Served on the School of Law 2005 Addition and Renovation Project Team
- ❑ Managed the School of Law 2003 Temporary Relocation to the North Carolina Mutual Life Insurance Building
- ❑ Maintained a Technology Friendly Environment for the School of Law 18 month stay in the North Carolina Mutual Life Insurance Building

Presentations

- ❑ CALI Conference 2009 - "IT and Faculty as Partners in Education- Basic Tools For Change"
- ❑ CALI Conference 2003- "Faculty As End-users of Technology"
- ❑ CALI Conference 1999- "Getting Professors to do What Comes Naturally"

Recognitions

- ❑ EDTECH Magazine article on NCCU School of Law 's Technology Program- "Raising the Bar"- March/April 2007
- ❑ Ranked 18th in Technology amongst Law School by the National Jurist Magazine - January. 2005

PAMELA STANBACK GLEAN

OBJECTIVE

To provide excellent leadership to a department that provides quality legal services to the underserved general public by educating law students in the substantive, practical, and human aspects of the law.

EXPERIENCE

2004 - Present **North Carolina Central University School of Law, Durham, NC**

Director, Clinical Legal Education Program

- Chief Administrator for clinical program. Coordinate all activities for nine existing clinical programs; liaison between clinic faculty and law school administration. Served as Interim Director from 2004-2005. Served as a consultant to **Campbell University School of Law, Washington St. Louis School of Law, and Charlotte School of Law** on development and structure of clinical programs.

1997-Present **North Carolina Central University School of Law, Durham, NC**

Supervising Attorney and Clinical Professor

- Taught various clinical subjects including Appellate Advocacy, Trial Advocacy, Family Law Clinic, Alternative Dispute Resolution Clinic, Mediation, and Mediation Advocacy (present). Also taught Family Law in 1997 and 2002.
- Supervised the Family Law Clinic, where third year law students represent low-income clients in matters involving family issues. Began a **File It Yourself Clinic** that educates the general public about laws regarding custody and visitation, and assists them with representing themselves in custody and visitation matters with a goal toward mediation.
- Coached the nationally recognized Trial Advocacy Team in competitions with other law-school teams across the nation.

2000- 2007 **National Institute for Trial Advocacy, Southeastern Region, Chapel Hill, NC**

Assistant Team Leader

- Served as paid consultant as Assistant Team Leader for week-long training sessions for attorneys from across the nation on basic and advanced trial advocacy skills.

1997-2003 **Principals Executive Program, The University of North Carolina at Chapel Hill, NC**

Instructor

- Conducted seminars in Juvenile Justice for principals and assistant principals of schools across the state of North Carolina.

1995-1996 **The Center for Child and Family Health, A Co-operative Program between North Carolina Central University, Duke University, and The University of North Carolina at Chapel Hill, Durham, NC**

Attorney

- First attorney for this innovative, multi-disciplinary center which addresses the medical, social, and legal problems of abused and neglected children.
- Assisted in developing the job description and responsibilities of the attorney in addressing the myriad of legal problems of abused and neglected children and their families.

1993-1995 **Durham County Attorney's Office, Durham, NC**

Assistant County Attorney

- Represented the Child Welfare Division of the Department of Social Services, and the Children and Family Services Division of the Mental Health Department.
- Petitioned and represented these agencies in court for the removal of abused and neglected children from their homes, and for services to be afforded these families as the county deemed appropriate.

1980-1993 **Stanback and Stanback Attorneys, Greensboro, NC**

Attorney

- Engaged in the general practice of law. Served as Managing Partner 1985-1993.

EDUCATION

- 2007 Superior Court Mediation Certification Training
- 2002 Certified Family Financial Mediator for the State of NC
- 1999 National Institute for Trial Advocacy Teaching Advocacy Skills
- 1980 North Carolina Central University School of Law
 - *Juris Doctorate*
- 1977 Duke University
 - *Bachelor of Arts, Economics*

COMMUNITY AND PROFESSIONAL

Durham County Department of Social Services Board of Directors; appointed by the Durham County Commissioners in 2002. Appointed Chair, 2005- 2008

North Carolina Bar Foundation, Modest Means Access Committee, 2007.

North Carolina Bar Association, Dispute Resolution Council, 2005-2007.

Planned Parenthood of NC, Member of the Board of Directors 2003-2008.

NC Legal Education Assistance Fund Board of Directors, 1997- present.

Court Improvement Program; Appointed in 1995 by Chief District Court Judge Kenneth C. Titus to study and fund innovative programs for reform of the state juvenile justice system. Served until 1999.

NC Institute of Government, trainer for District Court Judges in Juvenile Justice. 1995.

UNIVERSITY SERVICE

Present: NCCU School of Law Curriculum Committee, Budget and Finance Committee, Long Range Planning Committee, Student Scholarship and Professional Development Committee (Chair), Evaluation and Assessment Committee, Facilities and Technology Planning Committee. Faculty Advisor to Outlaw Alliance.

Past: NCCU Faculty Senate Representative, NCCU Graduation Committee. Law School Dean Search Committee.

Programs & CLE'S

4/1996- Protecting Our Children: Intervention, Counseling and Advocacy (Children Within the Jurisdiction of the Court), North Carolina Central University School of Law, The Children's Rights Committee of the ACLU-NC, National Association of Social Workers-NC;

4/1997-Statewide Conference on Child Abuse and Neglect (Are You Ready for Trial?), Prevent Child Abuse-NC;

5/1997- Juvenile Judge Certification Training, (Child Abuse and Neglect), Institute of Government;

10/1998- Representing Victims of Domestic Violence (Ethical Issues In Domestic Violence Cases), Orange County Domestic Violence Task Force;

9/2001- "What is it Good For-War: What's America's Next Move" (The Effect of War on Our Children), North Carolina Central University, Delta Sigma Theta Sorority;

3/2002-"Women's Month: Domestic Abuse", North Carolina Central University Faculty Fireside Chat;

5/2002- Educating to End Domestic Violence, Panel Member on Clinical Programs, North Carolina Central University School of Law and The American Bar Association

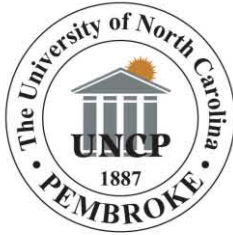
6/2002- Mediating Family Issues, North Carolina Association of Black Lawyers;

10/2002- "Know Your Rights", Panel Member, Durham's Partnership for Children;

10/2003- Ethics for Guardians Ad Litem, North Carolina Guardian Ad Litem Program State Conference

11/2003 – Conflict Management, Center for Child and Family Health

6/2004 - Legal Options for Fathers, Statewide Men Are Nurturers 2 Conference



Office of the CIO
Division of Information Technology
One University Drive
PO Box 1510
Pembroke, NC 28372-1510
(910) 775-4355
fax: (910) 775-4333

Mr. Gregory Clinton
School of Law
North Carolina Central University
640 Nelson Street
Durham, NC 27707

Dear Mr. Clinton,

Please accept this letter as one of support for your BTOP grant application to reach underserved populations with courses and informational programming through the NCCU School of Law Virtual Justice Broadband Project.

At the University of North Carolina at Pembroke, we have worked with our community partners including UNCP's Regional Center for Economic, Community, and Professional Development, Cape Fear Valley Medical Center, and Community Colleges; Sandhills, Bladen, Brunswick, Robeson, and Central Carolina to submit our BTOP application to create the Community Interactive Video Collaborative, Easygrant application number 5789. We are excited about the possibilities this Collaborative will provide for furthering the educational obtainment for individuals in our region.

The Community Interactive Video Collaborative creates interactive video facilities at community partner sites for the delivery of degree programming, informal type activities, and valuable information sharing and educational opportunities to underserved populations within our region. There are many synergies between the NCCU project and the UNCP led project. I am please to write and offer our support for your efforts.

We hope both applications are successful as we may share programming activities and work collaboratively to service the collective needs of so many under-served areas of North Carolina. These areas are badly in need of additional educational opportunities. Furthering the education obtainment of the citizens of North Carolina is critical for a successful state future and a healthy economy.

Best regards,

Robert L. Orr
Associate Vice Chancellor for Information Resources and CIO



March 12, 2010

Mr. Gregory Clinton
North Carolina Central University
School of Law
1512 South Alston Avenue
Durham, NC 27707

Dear Mr. Clinton:

Kontek Systems is pleased to support your application to the National Telecommunications and Information Administration for the Broadband Technology Opportunities Program. We believe that NCCU's Virtual Justice initiative represents a unique opportunity to extend the University's proven legal clinic services and educational programs to under-served communities in North Carolina, using the power of broadband video technology.

We are very proud of Kontek's ten year history of collaboration with NCCU in helping build a nationally recognized law school technology program, and are looking forward to serving as your audio/video systems integration partner for the Virtual Justice project.

We are confident that North Carolina Central University will be successful with your Broadband Technology Program application and we gladly extend our support to you in this endeavor.

Sincerely,

A handwritten signature in black ink that reads "Wes Newman".

Wes Newman
President

www.kontek.com

(919) 680-4321

Durham, North Carolina 27702

PO Box 3812

318 Holland Street Mall



WILLIE J. GILCHRIST
CHANCELLOR

TEL: (252) 335-3228
FAX: (252) 335-3731
EMAIL: WJGILCHRIST@MAIL.ECSU.EDU

March 12, 2010

Broadband Technology Opportunities Program
National Telecommunications and Information Administration
U.S. Department of Commerce
HCHB, Room 4812
1401 Constitution Avenue, NW
Washington, DC 20230

Dear Sir/Madame:

This letter is being submitted in support of the **NCCU School of Law Virtual Justice Broadband Project**. As a participating anchor institution, Elizabeth City State University (ECSU) is excited about the potential of this project to increase broadband adoption, enhance technological capacity, and strengthen programs at the university. ECSU is working to complete a Memorandum of Understanding, indicating our intention to participate in the broadband expansion in the following ways: 1) dedicating a learning space that will be used for legal seminar courses and pro-bono clinical services; and 2) implementing an undergraduate seminar in legal concepts to be taught remotely by NCCU School of Law participants.

Currently, our institutional broadband access consists of 100 megabits per second speed connection. Participation as an anchor institution will improve our broadband access usage by bringing in additional programs that will benefit the community we serve, and enhance our ability for future education and research growth. This project is important to our institution, as we educate and serve a community that to-date has not had free access to the technology and resources provided by broadband internet access. The demographics served by our institution are predominantly rural students of color from low-income communities.

According to US Census data and telephone surveys in 25 block groups within the seven census tracts of Pasquotank County, within which ECSU is located, 255 out of 850 households in block group 2 are without broadband connectivity. Though the group has the county's sixth highest median income at \$33,529 due in large part to the presence of the university, it is well below the national median income of \$52,029 (2008 US Census Bureau figures). This initiative is particularly important to them and our university.

Many local residents, as well as those from neighboring communities in Hertford, Gates, Chowan, Perquimans Currituck, Bertie, Halifax, Northampton, Washington, and Nash receive a wide-range of specialized services from the staff and faculty at Elizabeth City State University, including access to the University Drug Information Center. The university currently provides

information about chronic diseases and medication to the community through its Drug Information Center ran by the School of Pharmacy. It is a resource center that provides information about prescription and non-prescription medications including vitamins, minerals, dietary supplements and alternative therapies to people in the community. It also provides relevant, accurate, and unbiased drug information to healthcare professionals and communities in north eastern North Carolina and south eastern Virginia. There is no charge for any its services, and general health consultations are available with a pharmacist by appointment. A high-speed broadband connectivity to this facility will improve communications with the public while reducing operational cost for this center.

Our university will contribute in-kind services in the form of learning spaces and staff and administrative support to implement the project. We will also contribute funds and help to sustain the project by providing the NCCU School of Law with a percentage of the income earned through undergraduate seminar registration fees. We believe there is a demand for this service and are encouraged by the results of a similar partnership we have with UNC Chapel Hill School of Pharmacy.

The Virtual Justice project brings multiple statewide priorities, including broadband adoption, distance learning, and legal justice into focus. With the support and participation of our institution, this project can make a significant impact on the rural communities in the northeast part of the state of North Carolina.

In addition to the in-kind contribution of space, our institution is also providing broadband access, network and systems support, and facility maintenance to support the site that will be utilized for this project. The approximate value of our in-kind contribution, over a two-year period, is \$120,000.

The University has full confidence in the level of dedication and expertise that NCCU School of Law will bring to this project, and we look forward to lending our resources towards making the project a success. We are hopeful about the impact that this project will have on the broadband capacity and competitiveness of our institution, and we will work to support this project in every way possible.

Sincerely,

A handwritten signature in black ink, appearing to read "Willie J. Gilchrist". The signature is fluid and cursive, with a large initial "W" and "G".

Willie J. Gilchrist, Ed.D.



March 15, 2010

Broadband Technology Opportunities Program
National Telecommunications and Information Administration
U.S. Department of Commerce
HCHB, Room 4812
1401 Constitution Avenue, NW
Washington, DC 20230

To whom it may concern:

The Information Technology & Telecommunication Services division of Fayetteville State University is happy to submit this letter in support of the **NCCU School of Law Virtual Justice Broadband Project** being considered for funding through the Federal BTOP program. As a participating anchor institution, our university is excited about the potential of this project to increase broadband adoption, enhance technological capacity, and strengthen programs at the university.

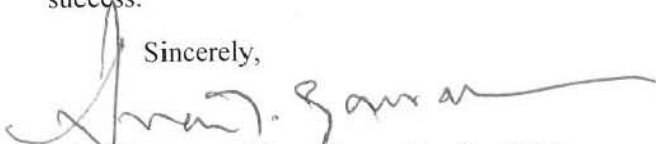
Our university is not only committed to providing the best-possible education to our students, but we value the role we play as an anchor and resource to our local community. We share North Carolina's commitment to broadband connectivity, because we recognize the potential of broadband to link students to educational opportunities, and individuals to vital social resources. The Virtual Justice project offers our undergraduates invaluable exposure to legal concepts and preparation for careers in law. Likewise, through our institution, the NCCU School of Law clinical program will greatly magnify its impact on legal representation for low-median income individuals.

The Virtual Justice project brings multiple statewide priorities, including broadband adoption, distance learning, and legal justice into focus. With the support and participation of our institution, this project can make a significant impact on the state of North Carolina.

In addition to the in-kind contribution of space, our institution is also providing broadband access, network and systems support, and facility maintenance to support the site that will be utilized for this project. The approximate value of our in-kind contribution, over a two-year period, is \$120,000.

As the Chief Information Officer and Vice Chancellor at Fayetteville State University, I have full confidence in the level of dedication and expertise that NCCU School of Law will bring to this project, and we look forward to lending our resources towards making the project a success.

Sincerely,



Nick Ganesan, Vice Chancellor for ITTS



NORTH CAROLINA AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY

THE DIVISION OF INFORMATION
TECHNOLOGY AND TELECOMMUNICATIONS

March 15, 2010

Broadband Technology Opportunities Program
National Telecommunications and Information Administration
U.S. Department of Commerce
HCHB, Room 4812
1401 Constitution Avenue, NW
Washington, DC 20230

To whom it may concern:

The North Carolina A&T State University, Greensboro, a constituent institution of the University of North Carolina is happy to submit this letter in support of the **NCCU School of Law Virtual Justice Broadband Project** being considered for funding through the Federal BTOP program. As a participating anchor institution, our university is excited about the potential of this project to increase broadband adoption, enhance technological capacity, and strengthen programs at the university.

Our university is not only committed to providing the best-possible education to our students, but we value the role we play as an anchor and resource to our local community. We share North Carolina's commitment to broadband connectivity, because we recognize the potential of broadband to link students to educational opportunities, and individuals to vital social resources. The Virtual Justice project offers our undergraduates invaluable exposure to legal concepts and preparation for careers in law. Likewise, through our institution, the NCCU School of Law clinical program will greatly magnify its impact on legal representation for low-median income individuals.

The Virtual Justice project brings multiple statewide priorities, including broadband adoption, distance learning, and legal justice into focus. With the support and participation of our institution, this project can make a significant impact on the state of North Carolina.

In addition to the in-kind contribution of space, our institution is also providing broadband access, network and systems support, and facility maintenance to support the site that will be utilized for this project. The approximate value of our in-kind contribution, over a two-year period, is approximately \$60,000.

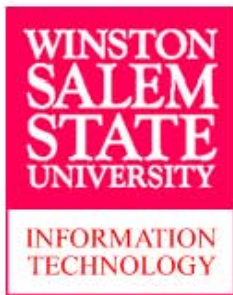
The North Carolina A&T State University has full confidence in the level of dedication and expertise that NCCU School of Law will bring to this project, and we look forward to lending our resources towards making the project a success.

Sincerely,

A handwritten signature in black ink that reads "Jim Kelly".

A Land-Grant University and A Constituent Institution of the University of North Carolina

Dowdy Administration Building, Suite 307 • 1601 East Market Street • Greensboro, NC 27411 • (336) 256-0543 • Fax (336) 256-1236



Office of Information Technology
1205 Elva Jones Computer Science Building
Winston-Salem State University
Winston-Salem, NC 27110

Broadband Technology Opportunities Program
National Telecommunications and Information Administration
U.S. Department of Commerce
HCHB, Room 4812
1401 Constitution Avenue, NW
Washington, DC 20230

To whom it may concern:

Winston-Salem State University's Information Technology is happy to submit this letter in support of the **NCCU School of Law Virtual Justice Broadband Project** being considered for funding through the Federal BTOP program. As a participating anchor institution, our university is excited about the potential of this project to increase broadband adoption, enhance technological capacity, and strengthen programs at the university.

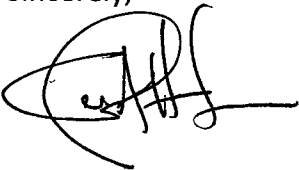
Our university is not only committed to providing the best-possible education to our students, but we value the role we play as an anchor and resource to our local community. We share North Carolina's commitment to broadband connectivity, because we recognize the potential of broadband to link students to educational opportunities, and individuals to vital social resources. The Virtual Justice project offers our undergraduates invaluable exposure to legal concepts and preparation for careers in law. Likewise, through our institution, the NCCU School of Law clinical program will greatly magnify its impact on legal representation for low-median income individuals.

The Virtual Justice project brings multiple statewide priorities, including broadband adoption, distance learning, and legal justice into focus. With the support and participation of our institution, this project can make a significant impact on the state of North Carolina.

In addition to the in-kind contribution of space, our institution is also providing broadband access, network and systems support, and facility maintenance to support the site that will be utilized for this project. The approximate value of our in-kind contribution, over a two-year period, is \$120,000.

We have full confidence in the level of dedication and expertise that NCCU School of Law will bring to this project, and we look forward to lending our resources towards making the project a success.

Sincerely,

A handwritten signature in black ink, appearing to read 'Glen A. Holmes', with a large, stylized flourish on the left side.

Glen A. Holmes
Associate Provost for Information Technology and
Chief Information Officer

BTOP Sustainable Broadband Adoption Community Anchor Institution Detail Template

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly involved in or benefit from the project. Add rows as necessary. All community anchor institutions should be given a specified list. A Community Anchor Institution is considered a minority-serving institution post-secondary educational institution with enrollment of minority students exceeding total enrollment. The "Role" column only requires a word or two, or a short phrase, not an explanation. A detailed explanation of the role of project partners and community anchor institutions should be provided in the essay portions of the application.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF upload. Additionally, applicants should not modify the format of this file.

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BTOP Public Computer Center and Sustainable Broadband Detailed Budget

Please complete the Detailed Budget, breaking out individual line items under each category heading (add rows to each section as necessary to accommodate your line items). Please ensure line item total columns in the "General" and "Detail" sections are equal for each line item (a cell with a yellow highlight indicates an inconsistency). Also, you may utilize the provided space for additional notes, if desired (there is also a Budget Narrative question in the application in which you will provide narrative detail on this budget).

Specifics needed for each cost category line item:

Personnel: For each position, list the number of positions, the location or geography of position, the job/task responsibilities for the position, the annual salary, and the percent of time a person filling the position will spend working on the proposed BTOP project. For lines with more than one position, the Quarters Employed field should represent number of quarters per person (e.g., for two employees each working for one year, Quarters Employed should be 4 rather than 8).

Fringe: For each position, note the number of positions, the annual salary, the percent of time a person filling this position will spend working on the proposed BTOP project, and the fringe rate applicable to the position. For lines with more than one position, the Quarters Employed field should represent number of quarters per person (e.g. for two employees each working for one year, Quarters Employed should be 4 rather than 8).

Equipment: List all equipment units required for the project and provide program purpose. For each line item, note the number of units and the unit cost. The multiple of these two factors will yield the total for that line item. For example, an Applicant planning to buy 100 laptops at \$500/laptop would have a total line item cost of \$50,000. Again, although unit costs may include cents, once multiplied by the number of units, the result must be rounded to the nearest whole dollar. Clearly separate Applicant equipment and user equipment, as indicated in the detailed budget template. When providing the unit cost indicate whether the unit cost has been impacted by a discount and for software equipment list specific package names.

Travel: For each trip list the program purpose of the trip, destination city and the number of people traveling. For each line item (e.g., trip), note the number of trips and the cost per trip. The multiple of these two factors will yield the total for that line item. For example, if the Applicant was accounting for 10 trips at \$25 per trip, the total cost would be \$250. The cost per trip should be justified on its own, *not* derived by dividing the line item total by the number of trips. Such a calculation will prompt further inquiry from the reviewers about justification for the trip cost. Rather, the *total* trip cost should be derived from the number of trips *times* the justifiable cost per trip.

Supplies: Separate supplies by item type, describing the program purpose or use. For each line item, note the number of units and the unit costs. The multiple of these two factors will yield the total for that line item. For example, an Applicant planning to buy 20 boxes of printer paper at \$30/box would have a total line item cost of \$600. Again, although unit costs may include cents, once multiplied by the number of units, the result must be rounded to the nearest whole dollar.

Other: Separate item types; for awareness program cost items, such as ads, separate ad types (radio, newspaper, etc) and include geography in which they will run.

Contractual: For each line item, identify the contractor and note the number of contracted hours of service.

and hourly rate, if applicable. For example, an Applicant planning to hire a technology consultant for 100 hours at a rate of \$40/hour would have a total line item cost of \$4,000.

Indirect: Provide the indirect rate and basis used. In the space provided at the bottom of the page, briefly explain the calculation used to derive the indirect costs (including the indirect rate and basis included in the basis). If a negotiated indirect cost rate agreement exists and is being used, please identify the cognizant agency.

The category subtotals for this Detailed Budget should correspond to the data provided in your SF-424A, and both the SF-424 budget and this Detailed Budget should match the Federal Grant Request and Total Match Amount provided on the Project Budget page of the application. Please review both budget uploads, the budget narrative in the application, and the Project Budget page for consistency before submitting the application. If you are submitting a PCC project with a SF-424C instead of an SF-424A, the sections of this Detailed Budget will not align directly with the categories of the SF-424C, but you should complete this Detailed Budget, allocating costs to the appropriate cost categories.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Additionally, applicants should not modify the format of this file.

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BTOP Public Computer Center and Sustainable Broadband Adoption
Detailed Budget Template

Easy Grants ID: 5247
 Applicant: NCCU School of Law
 Project Title: NCCU School of Law Virtual Justice Broadband Project

SF-424A Object Class Category	General				Detail				
	Position	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Quarters Employed	Total
a. Personnel - List position, number of staff, annual salaries, % time spent on project									
Project Manager	Oversee Project Coordination from NCCU	\$100,000.00	\$0.00	\$100,000.00	1	\$50,000.00	100%	8.00	\$100,000.00
Project Coordinator	Support Project Coordination from NCCU	\$60,000.00	\$0.00	\$60,000.00	1	\$30,000.00	100%	8.00	\$60,000.00
On-site Manager	Manage Project at Anchor Institution	\$320,000.00	\$0.00	\$320,000.00	4	\$40,000.00	100%	8.00	\$320,000.00
Staff Attorney	Provide legal services from NCCU	\$0.00	\$144,000.00	\$144,000.00	8	\$45,000.00	20%	8.00	\$144,000.00
Instructor	Year 2 Program Development Staff from NCCU	\$0.00	\$75,000.00	\$75,000.00	1	\$75,000.00	100%	4.00	\$75,000.00
				\$0.00					\$0.00
				\$0.00					\$0.00
				\$0.00					\$0.00
Subtotal		\$480,000.00	\$219,000.00	\$699,000.00					

b. Fringe Benefits - Include salaries and fringe rate.	Position	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Quarters Employed	Fringe Rate	Total
Project Manager	Oversee Project Coordination from NCCU	\$28,000.00		\$28,000.00	1	\$50,000.00	100%	8.00	28.00%	\$28,000.00
Project Coordinator	Support Project Coordination from NCCU	\$16,800.00		\$16,800.00	1	\$30,000.00	100%	8.00	28.00%	\$16,800.00
On-site Manager	Manager Project at Anchor Institution	\$89,600.00		\$89,600.00	4	\$40,000.00	100%	8.00	28.00%	\$89,600.00
				\$0.00						\$0.00
Subtotal		\$134,400.00	\$0.00	\$134,400.00						

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
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$0.00	\$0.00	\$0.00			

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
<i>Applicant Equipment</i>							
Polycom RPX 4-Screen Room	Room System for NCCU School of Law Hub	\$500,420.00	\$0.00	\$500,420.00	1	\$500,420.00	\$500,420.00
Polycom HDX 1-Screen Room	Remote Site Room System	\$364,276.00	\$0.00	\$364,276.00	4	\$91,069.00	\$364,276.00
Polycom Bridge Upgrade	NCCU School of Law Hub	\$99,327.00	\$0.00	\$99,327.00	1	\$99,327.00	\$99,327.00
Polycom Video Border Proxy	For VBP units	\$35,380.00	\$0.00	\$35,380.00	5	\$7,076.00	\$35,380.00
<i>User Equipment</i>							
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$999,403.00	\$0.00	\$999,403.00			

e. Supplies - List costs associated with materials/printing, curriculum, translations, and other supplies	Description	Federal Support	Matching Support	Total	#Units (If Applicable)	Unit Cost (If Applicable)	Total
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$0.00	\$0.00	\$0.00			

f. Contractual - List contractors with purpose of contract, hourly rate or total fixed rate.	Contractor	Federal Support	Matching Support	Total	# Hours (If Applicable)	Hourly Rate (If Applicable)	Total Contract
Polycom RPX 4-Screen yr 1 service support	Kontek Systems, Inc.	\$60,689.00	\$0.00	\$60,689.00			\$0.00
Polycom HDX 1-screen yr 1 service support	Kontek Systems, Inc.	\$3,740.00	\$0.00	\$3,740.00			\$0.00
Polycom Bridge Upgrade yr 1 service support	Kontek Systems, Inc.	\$17,996.00	\$0.00	\$17,996.00			\$0.00
Polycom Video Border Proxy yr 1 service support	Kontek Systems, Inc.	\$7,320.00	\$0.00	\$7,320.00			\$0.00
Grant Writing	Dannette Sharpley Consulting	\$0.00	\$4,900.00	\$4,900.00			\$0.00
Marketing/Awareness Campaign	Kompleks Creative Solutions	\$75,000.00	\$0.00	\$75,000.00	1,200	\$62.50	\$75,000.00
			\$0.00	\$0.00			\$0.00
			\$0.00	\$0.00			\$0.00
Subtotal		\$164,745.00	\$4,900.00	\$169,645.00			

g. Construction - If applicable, list construction costs	Description	Federal Support	Matching Support	Total
Polycom RPX 4-screen installation	Kontek Systems, Inc.	\$90,763.00	\$0.00	\$90,763.00
Polycom HDX 1-screen installation	Kontek Systems, Inc.	\$56,980.00	\$0.00	\$56,980.00
Polycom Bridge Upgrade	Kontek Systems, Inc.	\$11,500.00	\$0.00	\$11,500.00
Polycom Video Border Proxy installation	Kontek Systems, Inc.	\$15,735.00	\$0.00	\$15,735.00
Subtotal		\$174,978.00	\$0.00	\$174,978.00

h. Other - List costs associated with grant subrecipients as well as other costs not listed above such as rent, technology (website hosting, internet connection), advertising (TV, radio, online), etc.	Description	Federal Support	Matching Support	Total	#Units (If Applicable)	Unit Cost (If Applicable)	Total
Facility Space and maintenance	In-kind space, network and system support, and site maintenance	\$0.00	\$600,000.00	\$600,000.00	5	\$120,000.00	\$600,000.00
Pre-application expenses	Teleconferencing and Travel for partners	\$0.00	\$30,000.00	\$30,000.00			\$0.00
Training materials	Print and digital materials for instructors and participants	\$25,000.00	\$0.00	\$25,000.00	5	\$5,000.00	\$25,000.00
				\$0.00			\$0.00
Subtotal		\$25,000.00	\$630,000.00	\$655,000.00			

i. Total Direct Charges (sum of a-h)	\$1,978,526.00	\$853,900.00	\$2,832,426.00
j. Indirect Charges			\$0.00
Total Eligible Project Costs	\$1,978,526.00	\$853,900.00	\$2,832,426.00
Match Percentage	30.1%		

Explanation of Indirect Charges

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Additional Budget Notes

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BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

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. BTOP	11.557	\$	\$	\$ 1,978,526.00	\$ 853,900.00	\$ 2,832,426.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 1,978,526.00	\$ 853,900.00	\$ 2,832,426.00
SECTION B - BUDGET CATEGORIES						
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)
	(1)	(2)	(3)			
a. Personnel	\$ 480,000.00	\$ 219,000.00				\$ 699,000.00
b. Fringe Benefits	134,400.00					134,400.00
c. Travel						0.00
d. Equipment	999,403.00					999,403.00
e. Supplies						0.00
f. Contractual	164,745.00	4,900.00				169,645.00
g. Construction	174,978.00					174,978.00
h. Other	25,000.00	630,000.00				655,000.00
i. Total Direct Charges (sum of 6a-6h)	1,978,526.00	853,900.00		0.00	0.00	2,832,426.00
j. Indirect Charges						0.00
k. TOTALS (sum of 6i and 6j)	\$ 1,978,526.00	\$ 853,900.00		\$ 0.00	\$ 0.00	\$ 2,832,426.00
7. Program Income		\$ 75,000.00		\$	\$	\$ 75,000.00

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

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. BTOP	\$ 229,900.00	\$ 144,000.00	\$ 480,000.00	\$ 853,900.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 229,900.00	\$ 144,000.00	\$ 480,000.00	\$ 853,900.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
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 BTOP	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:		22. Indirect Charges:			
23. Remarks:					

BTOP Public Computer Center and Sustainable Broadband Adoption
Detailed Budget Template

Easy Grants ID: 5247
 Applicant: NCCU School of Law
 Project Title: NCCU School of Law Virtual Justice Broadband Project

SF-424A Object Class Category	General			Detail					
	Position	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Quarters Employed	Total
a. Personnel - List position, number of staff, annual salaries, % time spent on project									
Project Manager	Oversee Project Coordination from NCCU	\$100,000.00	\$0.00	\$100,000.00	1	\$50,000.00	100%	8.00	\$100,000.00
Project Coordinator	Support Project Coordination from NCCU	\$60,000.00	\$0.00	\$60,000.00	1	\$30,000.00	100%	8.00	\$60,000.00
On-site Manager	Manage Project at Anchor Institutior	\$320,000.00	\$0.00	\$320,000.00	4	\$40,000.00	100%	8.00	\$320,000.00
Staff Attorney	Provide legal services from NCCU	\$0.00	\$144,000.00	\$144,000.00	8	\$45,000.00	20%	8.00	\$144,000.00
Instructor	Year 2 Program Development Staff from NCCL	\$0.00	\$75,000.00	\$75,000.00	1	\$75,000.00	100%	4.00	\$75,000.00
				\$0.00					\$0.00
				\$0.00					\$0.00
				\$0.00					\$0.00
Subtotal		\$480,000.00	\$219,000.00	\$699,000.00					

b. Fringe Benefits - Include salaries and fringe rate	Position	Federal Support	Matching Support	Total	# of Positions	Salary	% Time Spent on Project	Quarters Employed	Fringe Rate	Total
Project Manager	Oversee Project Coordination from NCCU	\$28,000.00		\$28,000.00	1	\$50,000.00	100%	8.00	28.00%	\$28,000.00
Project Coordinator	Support Project Coordination from NCCU	\$16,800.00		\$16,800.00	1	\$30,000.00	100%	8.00	28.00%	\$16,800.00
On-site Manager	Manager Project at Anchor Institutior	\$89,600.00		\$89,600.00	4	\$40,000.00	100%	8.00	28.00%	\$89,600.00
				\$0.00						\$0.00
Subtotal		\$134,400.00	\$0.00	\$134,400.00						

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
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$0.00	\$0.00	\$0.00			\$0.00

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
<i>Applicant Equipment</i>							
Polycom RPX 4-Screen Room	Room System for NCCU School of Law Hub	\$500,420.00	\$0.00	\$500,420.00	1	\$500,420.00	\$500,420.00
Polycom HDX 1-Screen Room	Remote Site Room System	\$364,276.00	\$0.00	\$364,276.00	4	\$91,069.00	\$364,276.00
Polycom Bridge Upgrade	NCCU School of Law Hub	\$99,327.00	\$0.00	\$99,327.00	1	\$99,327.00	\$99,327.00
Polycom Video Border Proxy	For VBP units	\$35,380.00	\$0.00	\$35,380.00	5	\$7,076.00	\$35,380.00
<i>User Equipment</i>							
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$999,403.00	\$0.00	\$999,403.00			

e. Supplies - List costs associated with materials/printing, curriculum, translations, and other supplies	Description	Federal Support	Matching Support	Total	#Units (If Applicable)	Unit Cost (If Applicable)	Total

				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
				\$0.00			\$0.00
Subtotal		\$0.00	\$0.00	\$0.00			

f. Contractual - List contractors with purpose of contract, hourly rate or total fixed rate	Contractor	Federal Support	Matching Support	Total	# Hours (If Applicable)	Hourly Rate (If Applicable)	Total Contract
Polycom RPX 4-Screen yr 1 service support	Kontek Systems, Inc.	\$60,689.00	\$0.00	\$60,689.00			\$0.00
Polycom HDX 1-screen yr 1 service support	Kontek Systems, Inc.	\$3,740.00	\$0.00	\$3,740.00			\$0.00
Polycom Bridge Upgrade yr 1 service support	Kontek Systems, Inc.	\$17,996.00	\$0.00	\$17,996.00			\$0.00
Polycom Video Border Proxy yr 1 service support	Kontek Systems, Inc.	\$7,320.00	\$0.00	\$7,320.00			\$0.00
Grant Writing	Dannette Sharpley Consulting	\$0.00	\$4,900.00	\$4,900.00			\$0.00
Marketing/Awareness Campaign	Kompleks Creative Solutions	\$75,000.00	\$0.00	\$75,000.00	1,200	\$62.50	\$75,000.00
			\$0.00	\$0.00			\$0.00
			\$0.00	\$0.00			\$0.00
Subtotal		\$164,745.00	\$4,900.00	\$169,645.00			

g. Construction - If applicable, list construction costs	Description	Federal Support	Matching Support	Total
Polycom RPX 4-screen installation	Kontek Systems, Inc.	\$90,763.00	\$0.00	\$90,763.00
Polycom HDX 1-screen installation	Kontek Systems, Inc.	\$56,980.00	\$0.00	\$56,980.00
Polycom Bridge Upgrade	Kontek Systems, Inc.	\$11,500.00	\$0.00	\$11,500.00
Polycom Video Border Proxy installation	Kontek Systems, Inc.	\$15,735.00	\$0.00	\$15,735.00
Subtotal		\$174,978.00	\$0.00	\$174,978.00

h. Other - List costs associated with grant subrecipients as well as other costs not listed above such as rent, technology (website hosting, internet connection), advertising (TV, radio, online), etc.	Description	Federal Support	Matching Support	Total	#Units (If Applicable)	Unit Cost (If Applicable)	Total
Facility Space and maintenance	In-kind space, network and system support, and site maintenance	\$0.00	\$600,000.00	\$600,000.00	5	\$120,000.00	\$600,000.00
Pre-application expenses	Teleconferencing and Travel for partners	\$0.00	\$30,000.00	\$30,000.00			\$0.00
Training materials	Print and digital materials for instructors and participants	\$25,000.00	\$0.00	\$25,000.00	5	\$5,000.00	\$25,000.00
				\$0.00			\$0.00
Subtotal		\$25,000.00	\$630,000.00	\$655,000.00			

i. Total Direct Charges (sum of a-h)	\$1,978,526.00	\$853,900.00	\$2,832,426.00
j. Indirect Charges	\$254,572.00		\$254,572.00
Total Eligible Project Costs	\$2,233,098.00	\$853,900.00	\$3,086,998.00
Match Percentage	27.7%		

Explanation of Indirect Charges:	26% MTDC
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Additional Budget Notes

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Mr. Gregory Clinton

North Carolina Central University
School of Law
1512 South Alston Ave.
Durham, NC 27707

Dear Mr. Clinton:

Polycom is excited that you are moving forward to provide advanced telejustice, education and consultation services to your communities. North Carolina Central University is versed in the efficacy and efficiency of legal consult, education and services through telecommunications. We are confident that you will embark on unsurpassed legal services to at risk, vulnerable and underserved communities throughout North Carolina.

We have witnessed the impact of real-time judicial, education and health service delivery in other states and understand the impact it has for vulnerable community members. Your application to the National Telecommunication Information Association for the Broadband Technology Program/ Sustainable Broadband Program, directly addresses the BTOP objectives of improving access to broadband services to consumers residing in underserved areas of the country and improve access to education. North Carolina Central University will create an enormous impact for the vulnerable communities they are reaching out to through the use of technology and telecommunications that will leverage MCNC's broadband deployment.

It is a privilege to work with North Carolina Central University and participate in their project to strengthen and serve both underserved and vulnerable communities across North Carolina. Polycom is confident that North Carolina Central University will be successful with their Broadband Technology Program application and we gladly extend our support to them.

Sincerely-

Jennifer Messinger
Polycom, Inc.



Mr. Gregory Clinton

North Carolina Central University
School of Law
1512 S. Alston Ave.
Durham, NC 27707

Dear Mr. Clinton,

Kompleks Creative would like to take this opportunity to extend a letter of support to NCCU's School of Law for the development of their tele-justice program. We are excited because of the progressive nature of this program and the opportunities it will provide to students and the community throughout North Carolina.

The NCCU School of Law has proved time and time again its dedication to providing quality education to students in the pursuit of legal studies. It's always great to be a part of anything the NCCU School of Law does to improve their impact throughout the community. This program's direct and innovative approach will prove to be an asset to each university and community involved. There are many people in our state who could be classified as underserved. Unfortunately, these people are often overlooked or not effectively targeted. The methods described by the university to target these vulnerable demographics will create a positive impact.

We are confident the NCCU School of Law will be successful in the implementation and execution of this program. Kompleks Creative will proudly support the growth and implementation of this program. It is too important to the people of North Carolina and they deserve the innovation, consultation and education this program will provide.

Sincerely,

Tobias Rose,
Principal and Creative Director
Kompleks Creative, Inc.

Julian Milano

E-mail: jmilano@kontek.com

FUNCTIONAL SUMMARY

- Over twelve years experience with electronic systems implementation and support.
- Excellent communication skills with co-workers, customers and vendors.
- Proven ability to work alone or on a team while maintaining a high level of precision and quality.
- CTS certification - InfoComm International
- Crestron - Essentials of programming certification
- Extron - Global Configuration certification
- Polycom - VSG Infrastructure certification

EMPLOYMENT

11/09-Present	Kontek Systems, Inc.	Durham, NC
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Design Engineer

- Provides account management of client groups.
- Consults with client about design ideas and possible solutions to facilitate a proposal.
- Works closely with vendors, architects and building trades through system installation.
- Consults with client about user interface design and implementation.
- Coordination of internal departments for planning and commissioning.
- Provides training and support to client and staff personnel.

2/09-10/09	Kontek Systems, Inc.	Durham, NC
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Lead Installer

- Job site coordination of upgrades and installations through final checkout.
- Programming and testing of various controls, audio and video conferencing systems.
- Coordination of internal departments for final commissioning.
- Provided training for installation crews on products and services.

10/05-1/09	Kontek Systems, Inc.	Durham, NC
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Service Engineer

- Provided technical evaluations to resolve hardware and software issues.
- Provided ongoing, preventative maintenance of A/V systems.
- Provided on-site training to new users.

- Worked closely with vendors to expedite equipment repairs.
- Provided event support to clients, including control room operations.
- Provided field support to Crestron department, utilizing the Crestron software suite.

7/03-10/05

Brink's Home Security

Chesapeake, VA

Technical Manager

- Provided technical support to 18 installation and service technicians.
- Handled customer care issues on-site and over the phone.
- Used a Windows based PC on a daily basis to track employee utilization and productivity.
- Maintained an inventory program for ordering, tracking defectives and reconciliation of errors found.
- Local representative for job fairs and recruitment activities.

1/98-6/03

Brink's Home Security

Raleigh, NC

Installation and Service Technician

- Handled on-site customer service in both residential and commercial environments.
- Installed all aspects of structured wiring, audio/video and CCTV.
- Setup and installed security systems, hard wired and wireless networks.
- Troubleshoot network and security component problems.

8/96-10/97

Residential Technologies

Raleigh, NC

Installation Technician

- Setup and installed security systems, automation components, audio/video equipment and business telephone systems.
- Implementation of new equipment on a regular basis, upgrading to newer technologies as made available.
- Provided cutting edge technology and services to homes ranging in size from 6,500 to 15,000 sq. ft.

2/94-7/96

Hatteras Yacht

New Bern, NC

Electrical / Mechanical Installer

- Installation of core components including engines, generators and electrical control panels.
- Skilled in reading and interpreting blueprints and schematics.
- Precision work in fast paced assembly line environment of high-end yacht manufacturing.

Michael B. Juday, CTS-I

mjuday@nc.rr.com

- Objective** To obtain a position as an audio visual design engineer that utilizes my ingenuity, project management experience, creativity and ability to coordinate multiple projects as well as my technical skills in the design and implementation of audio visual systems.
- Education** **Indiana University, B.A. Telecommunications, 1992**
B.S. Psychology, 1992
Minors in Economics and Sociology
- Employment** **System Design Engineer, Kontek Systems- Durham, NC**
March 2008 to Present
This position entails coordination of all engineering aspects of the job including working with architects, clients, general contractors, trades and installation crews. Responsible for meeting with customers for initial design concepts and creating an engineered solution. Responsible for the programming and configuration of audio software, Extron control software and Crestron control systems. Final commissioning of audio, video, conferencing, lighting and control systems. Creation of punch lists, system designs, and pre-installation design reviews. Develop installer training program and lead in-house training classes. Projects designed and engineered include WakeMed Simulation Lab, WakeMed Cath and EP Labs, Hospice of Wake County, Campbell University School of Pharmacy distance learning classrooms, and various projects within the Duke University Medical Center.
- Lead Field Engineer, Kontek Systems- Durham, NC**
September 2004 to March 2008
This position entails coordination of all aspects of the job including working with architects, clients, general contractors, trades and oversight of installation crews. Responsible for the programming and configuration of audio software, Extron control software and Crestron control systems. Final commissioning of audio, video, conferencing, lighting and control systems. Creation of punch lists, system designs, pre-installation site assessments and pre-installation design reviews. Develop installer training program and lead in-house training classes. Projects supervised include Nasher Museum of Art, Duke Hospital Operating Rooms, Duke School of Law, Duke Fuqua School of Business, Motricity World Headquarters, and McKinney Advertising's Headquarters.
- Lead Technician/ Level III, Digital Roads Inc- Denver, CO**
August 2003 to September 2004
This position entailed site supervision of all A/V installations in the medical, educational and corporate environments. Troubleshooting and remedy of system configuration and site engineering. Some of the projects included network operations centers, classrooms, medical research facilities, and command and response vehicles. Customers included National Jewish Hospital, University of Colorado School of Medicine, Newmont Mining, Key Finance and SVI Trucks.
- Project Manager/ Technician(Control System Specialist), LVW Electronics- Denver, CO**
June 2001 to August 2003
This position entailed the coordination of commercial AV installations which involved inventory tracking, labor scheduling, and working with other contractors. Rack building, cable pulling and termination, system troubleshooting, shop stock upkeep, speaker rigging and updating CAD drawings to as built status. Responsible for all computer and software driven products. Performed the following AMX related duties: System design, Installation, Programming, Touch panel design, System configuration and troubleshooting on the Axxess and Netlinx AMX platforms. AMX certified in Axxess Installer, Netlinx Installer, Netlinx design, AMX Programming I and AMX Programming II. Completed Crestron Programming I. Projects included Reds Rocks Museum, Invesco Field, Pepsi Center, Coors Field, US Olympic Training Center Visitors' Center, Colorado School of Mines School of Mines Center for Technology and Learning Media, and Starz/Encore Corporate Headquarters.
- Classroom Media Operations Supervisor, Colorado State University- Ft. Collins, CO**
July 1997 to June 2001
This position entailed the maintenance, scheduling and daily operation of a campus cable system that broadcasted via fiber optic and coax cable. Maintained the head end equipment which consisted of Blonder Tongue modulators, Pesa and Utah Routers, AMX control equipment, video test equipment, ADC patch panels and synergy software. Responsible for the operation and training of classroom media equipment which consisted of internet connections, computer interfaces, video projectors, DVD players and AMX control equipment. Responsible for the operation and maintenance of digital and analog satellite uplink and downlink equipment, inventory and archiving of videotape. Served as support staff for television productions.
- Audio Technician, Shaped Music- Ft. Collins, CO**
March 1999 to May 2001
Freelance work setting up audio equipment ranging from instrument back line, stage wiring, full PA installation and lighting installation in a concert and staging environment. Artists included but are not limited to Leftover Salmon, Maceo Parker, String Cheese Incident, Bruce Hornsby, and Bela Fleck.

**Head Uplink Technician, National Technological University- Ft. Collins, CO
August 1994 to July 1997**

Responsible for the daily operation of broadcast equipment for a 13 channel educational network. This entailed the maintenance and operation of Utah routers, VHS, SVHS, BETA SP, U-Matic tape machines and digital satellite broadcasting equipment.

**Basic
Software**

Proficient with the following software titles: AutoCAD, Stardraw, Windows XP, MS Word, Power Point, MS access, Excel.

**Audio and
Video
Software/
Hardware
Certification**

Biamp Audia, Polycom Conference Composer, Polycom RMX2000/4000, Polycom CMA, Polycom RSS2000, Polycom VMC, Polycom DMA, Lectrosonics: LecNet and LecNet2, Peavey Media Matrix, BSS Soundweb, Avid, Crestron Digital Media, Crestron Programming Level 2, Extron Global Configurator.

Craig M. Kabatchnick

North Carolina Central School of Law
Veteran's Law Clinic

(919) 530-6605 (NCCU)

Email: ckabatchnick@nccu.edu

Education:

- **Juris Doctorate**, George Washington University of Law, Washington, DC
- **Bachelor of Science- Political Science**, University of Scranton, Scranton, PA

Prior Employment:

- NCCU School of Law Veterans Law Program, Durham, NC 2007-Present
Director and Supervising Attorney
- Everett & Everett Law Firm, Durham, NC 1998-2008
Of Counsel
- Patton Boggs, L.L.P. Greensboro, NC 1995-1997
Senior Associate
- Office of the VA General Counsel, Washington, D.C. 1990-1995
Senior Appellate Attorney and Associate Special Assistant
- Law Offices of Kabatchnick & Kabatchnick 1983-1985
Senior Partner

Publications:

- Kabatchnick, Craig, *After the Battles: The Veteran's Battle with the V.A.*, *ABA Human Rights Magazine*, published by the ABA Section on Individual Rights and Responsibilities, Spring 2008, Pg. 13-16.
- Kabatchnick, Craig, *The NCCU School of Law Clinic: Students Learning to Help Veterans* *ABA Human Rights Magazine*, published by the ABA Section on Individual Rights and Responsibilities, Spring 2008, Pg. 14.
- Neil B. Kabatchnick and Craig M. Kabatchnick, *Practice Before the Boards for Correction of Military Records Within the Various Military Departments*, *Federal Bar News & Journal*, January 1986, Vol. 31 No. 1 [Cited as a reference in 10 U.S.C.A. 1552a]

Works in Progress:

PTSD, Homelessness, Suicide, Drug/Alcohol Abuse, Criminal Behavior, & Capital Punishment: Issues Affecting Elderly, Minority, and Women Veterans, *Marquette University School of Law (Elder's Advisory Law Review)*. Ready for publication in spring 2009.

Emerging Issues Involving all Aspects of the VA Claims Adjudication Process, *Marquette University School of Law (Elder's Advisory Law Review)*. Being prepared for publication in fall 2009.

NAKIA C. DAVIS

E-mail Address: ndavis@ncceu.edu

EDUCATION:

1998 – 2001

North Carolina Central University; Durham, North Carolina - Juris Doctorate

1993 – 1997

University of North Carolina at Chapel Hill; Chapel Hill, North Carolina - B.A. Communication Studies

PROFESSIONAL LICENSE AND ACTIVITIES:

Admitted to the **North Carolina** State Bar in 2002

Board of Directors of the Durham County Bar Association **2002-2008**

President of the Durham County Family Bar **2004-2005**

Tuancy Court Judge- Durham County – Rogers –Herr Middle School **2006 –Present**

Board of Directors of Empowering Girls In Real Life Situations- **9/2007-Present**

Faculty Advisor of the Black Law Student Association (BLSA)-**3/2008-Present**

North Carolina Bar Association- NCBA Minorities in the Profession Committee 9/2008-Present

LEGAL EMPLOYMENT:

08/2006-Present **Supervising Attorney of the Family Law Litigation Clinic and Director of the General Externship Program – North Carolina Central University School of Law**

- Educated students on the daily practice of family law (client intakes, the importance of attorney/client relationship and management of your daily schedule and time management and firm management)
- Educated students on various pleadings used in state and county family law litigation
- Educated students on the importance of courtroom policy, practice and etiquette
- Supervised and advised students during client intake at the Legal Aid of North Carolina, Durham, North Carolina
- Supervised and assisted students as with the preparation and litigation of various cases, including but not limited to custody actions and estate planning
- Supervised student and assisted with the File It Yourself Clinic- Custody Actions in Wake County and directly education participants that attended in Durham County
- Assisting students with obtaining externship placements with numerous judges and practitioners throughout the country
- Educating and preparing students for externships in various fields of law

12/2005-07/07 **Owner/Attorney- The Law Office of Nakia C. Davis, Durham, North Carolina**

- Representation of retained and indigent clients in the area of family law.
- Litigation of all domestic issues, included but not limited to, child support, child custody, and equitable distribution.
- Extensive drafting of separation agreements, pleadings, discovery documents, motions, and legal memoranda.
- Consult with clients in the areas of family law
- Firm Management

8/2005 – 12/2005 **Associate Attorney - Law Office of John C. Fitzpatrick, P.L.L.C.; Durham, North Carolina**

- Represent retained and indigent clients in criminal district court and traffic court.
- Litigate child support and show cause motions filed by Durham County Department of Social Services.
- Litigate domestic actions, primarily in the area of child custody.
- Draft separation agreements, pleadings, discovery documents, motions, and legal memoranda.
- Consult with clients in the areas of family law, criminal law and traffic infractions/violations.

5/2005 – 8/2005 **Associate Attorney - Burton and Ellis, PLLC; Durham, North Carolina**

- Drafted pleadings, responsive pleadings and motions in the area of family law.
- Prepared and analyzed discovery for litigation, particularly in equitable distribution and child custody actions.
- Conducted numerous domestic consultations.
- Conducted extensive legal research on various domestic issues.

8/2004 – 4/2005 **Associate Attorney - Browne, Flebotte, Wilson, Horn & Webb, PLLC; Durham, North Carolina**

- Drafted and executed separation agreements.
- Negotiated settlement agreements, particularly in the areas of consumer finance and landlord-tenant law.
- Extensive telephone consultations in various areas of the law, particularly family law.
- Represented clients on various domestic issues, particularly absolute divorces.

NAKIA C. DAVIS

8175 Willowglen Drive, Raleigh, North Carolina 27616 / (919) 824-3973
E-mail Address: ndavis@nccu.edu

INTERESTS: Cooking, Reading, Traveling and Exercising

REFERENCES: Available upon request

Gregory C. Malhoit

919-530-7463 (W)

Email: gmalhoit@nccu.edu

EDUCATION AND BAR ADMISSION

Undergraduate: Midland College; B.A. History, 1970.

Law: University of Nebraska, College of Law, J.D., 1973.

Licensed to Practice Law: North Carolina, United States Supreme Court, Fourth Circuit Court of Appeals and various federal judicial districts.

EXPERIENCE

Clinical Instructor and Supervising Attorney, North Carolina Central University, School of Law, Durham, NC (July 2005-Present)

I teach upper-level practical skills elective courses in Civil Litigation, Trial Practice, Appellate Advocacy. I also have taught the course in Education Law. In my clinical role, I serve as the Supervising Attorney with NCCU's Civil Litigation Clinic. The Civil Litigation Clinic provides third-year law students with practical training and experience in the field of civil litigation. Under my supervision, Clinic Interns carry their own caseload and represent low-income clients that have civil legal problems. Clinic Interns are able to practice law during their final year in law school under North Carolina's Third Year Practice Rule. I serve on various University and Law School Committees. I also serve as Faculty Advisor to the NCCU Law School Moot Court Board.

National Rural Education Finance Center (REFC), Raleigh, N.C., (May 2001-July 2005)

Founding Director of the REFC, a national legal and policy center based in Raleigh, N.C., that assists lawyers, schools and communities across the nation in obtaining the financial resources needed to provide equal educational opportunities for children attending rural schools. Provided:

- Legal research and assistance in litigation challenging the constitutionality of state school funding systems;
- In depth policy analysis on key issues involving school funding; and
- Planning and technical assistance for lawyers, school leaders and grassroots activists seeking to improve the quality of education for rural students.

Adjunct Instructor, N. C. Central University, School of Law, Durham, N.C. (1985-1991; and 2004)

Taught courses in Civil Litigation (1985-91); Consumer Law (1991); and Education Law (Fall 2004).

Executive Director, N.C. Justice and Community Development Center, Raleigh, N.C. (1991 - 2001)

The Justice Center is a statewide organization whose mission is to promote policies and programs that improve the lives of poor and working-poor North Carolinians. To achieve its objectives, the Justice Center uses four strategies: litigation, policy analysis, grassroots training/organizing, and applied research. At the Justice Center my work included:

- As the founding Executive Director of the Justice Center, I developed the Center's mission and organization structure; raised funds for the Center's operations; and led a diverse and talented staff of twenty-five persons including lawyers, policy analysts, researchers, public policy advocates and grassroots organizers.
- Created and led the *N.C. Education and Law Project* to improve the quality of education for low-income and minority students attending public school.
- Established and oversaw a series of special projects within the Justice Center dedicated to substantive areas of public policy and law including: *the N.C. Health Access Coalition; the N.C. Budget and Tax Center; the N.C. Living Income Project; the N.C. Immigrants Legal Assistance Project; and the N.C. Consumer Action Network.*
- Led and managed the Center's research, public policy and litigation agenda which resulted in major gains for low income citizens in the areas of education, access to health care, housing, public benefits, consumer, employment and domestic violence.
- In the field of education, published major reports on a wide range of public policy issues including: the achievement gap and school discipline.
- Litigated in the courts and lobbied in the N.C. General Assembly for education reforms to improve education programs for minority and at-risk students.
- Co-founded the Covenant with North Carolina's Children, a coalition of over 100 groups advancing the interests of children in the public policy arena.

Executive Director, East Central Comm. Legal Services, Raleigh, N.C. (1974 - 1991)

Executive Director of legal aid program serving 100,000 low-income clients living in the capital area of North Carolina. Led the work of 12 lawyers and 10 other staff. While serving as Executive Director, I also engaged in law reform litigation and provided legal services to individual clients.

Major litigation:

- *Leandro v. State of North Carolina*, 488 S.E. 2d 249 (N.C. 1997) (Filed numerous *amicus curiae* briefs).
- *Hoke County Board of Education v. State of North Carolina*, 599 S.E.2d 365 (2004) (Filed numerous *amicus curiae* briefs).

- *Lassister v. Department of Social Services*, 452 U.S. 18 (1981). Co-counsel in case establishing indigent parents' right to appointed counsel in termination of parental rights proceedings.
- *In re Humana Hospital Corp.*, N.C. Court of Appeals (1983). Successfully contested construction of private hospital facility on the ground that indigent patients would be denied health care at the facility.
- *Carrington v. Townes*, 293 S.E. 2d 95 (1982). Indigent defendants' right to appointed counsel in State-initiated civil paternity cases.
- *Jolly v. Wright*, 300 N.C. 83 (1980). Indigent defendants' right to appointed counsel in civil contempt proceedings.
- *Baugh, et al. v. Woodard, et al; Sweezy, et al. v. Jones*, Cases Nos. 81-132-CRT and 76-0158-CRT, E.D.N.C. Established right of prison inmates to refuse psychotropic medication and due process rights regarding transfer of inmates to mental health population.

PUBLICATIONS

- G. Malhoit & D. Black, *The Power of Small Schools: Achieving Equal Educational Opportunity Through Academic Success and Democratic Citizenship*, Nebraska Law Review, Vol. 82, No. 1, December 2003.
- G. Malhoit, Etr., *Symposium Revisited: Equitable and Adequate School Funding—Practice Perspectives*, 83 Nebraska Law Review 830, 2005.
- G. Malhoit, *Providing Rural Students with a High Quality Education: The Rural Perspective on the Concept of Educational Adequacy*, Rural School and Community Trust, (2005), [http: www@ruraledu.org](http://www@ruraledu.org) .
- G. Malhoit and J. Johnson, *Best Fiscal Management Practices for Rural Schools*, Rural School and Community Trust, (2005), Rural School and Community Trust, (2005), [http: www@ruraledu.org](http://www@ruraledu.org) .
- G. Malhoit and A. McColl, *State Policies that Provide Students with an Environment to Promote Learning*, Rural School and Community Trust, Rural School and Community Trust, (2005), [http: www@ruraledu.org](http://www@ruraledu.org) .
- Planned and edited a two volume special edition of the Journal of Education Finance devoted to emerging legal and policy issues involving funding for public schools. See, Journal of Education Finance, Vol. 29, Numbers 2 and 3 (Fall 2003 & Winter 2004).

PROFESSIONAL MEMBERSHIPS

- N.C. Bar Association; N.C. Academy of Trial Lawyers; 10th Judicial District Bar Assn., American Bar Association

OTHER LAW ACTIVITIES

- Board Member, Land Loss Prevention Program 1999-2008.
- Instructor, National Institute of Trial Advocacy (NITA).
- Trainer and speaker on a broad range of topics including: constitutional law, civil litigation, education policy and law, and complex litigation.

HONORS AND AWARDS

- Dream of Achievement Award, Presented by the Wake County M. L. King Task Force (2001).
- Excellence in Education Equity Award, Presented by the N.C. Assn. of Educators (2000).
- W.W. Finlator Award, Presented by the Wake County Civil Liberties Union (1999).
- Outstanding N.C. Legal Services Attorney, Presented by the N.C. Bar Association (1986).
- Fellow, National Endowment for the Humanities (Summer, 1985).

ELIZABETH PAGE POTTER

EXPERIENCE

North Carolina Central University School of Law 2002-2005

Pro Bono Coordinator/Academic Support Specialist

Responsible for promoting law student awareness and involvement in pro bono activity and public interest law. Initiated contacts with public interest law organizations and publicized volunteer opportunities to students. Assisted students seeking pro bono opportunities by arranging placements with local public interest and legal services organizations. Arranged speakers, panels to raise awareness and recognition events for students' pro bono service. Arranged public interest and pro bono field placements through the Pro Bono Clinic. Developed curriculum for law-related education partnership with local public middle and high schools and arranged field placements for law students with public school teachers through the Street Law course. Assisted in formation of NCCU Innocence Project and served as co-adviser. Provided public interest career advising. As Academic Support Specialist assisted with orientation, study skills workshops for first and second year students, supervising the tutorial program, and providing individual assistance to students.

Young, Moore & Henderson, Raleigh, North Carolina

Research Attorney Part-time, 2001

Researched and wrote memoranda and briefs for senior litigation attorneys with practice emphasis in construction, commercial, and insurance coverage disputes.

Research Triangle Institute, Research Triangle Park, North Carolina

Recruiter/Telephone Surveyor Part-time, 2000-2002

Assisted with large-scale survey research and data collection projects for the U.S. Department of Education.

Meredith College, Raleigh, North Carolina

Director, Legal Assistants Program 1987 - 2000

Managed graduate-level paralegal certificate program enrolling 50-75 students yearly. Taught one course per semester and supervised internships. Responsible for program administration including recruiting and marketing; admissions and student services; recruiting and hiring adjunct instructors; developing budgets and schedules; liaison with external advisory board and outreach to state and local legal community; program evaluation and development; maintaining program's ABA-approved status. Accomplishments include:

- Increased average yearly program enrollment by 52% over 12 year period
- Achieved graduate placement rates consistently above 85%
- Initiated and developed internship program and new Corporate curriculum track
- Led program through three successful ABA reapprovals

Durham Technical Community College, Durham, North Carolina

Adjunct Instructor, Paralegal Program 1986-87

Taught Real Estate, Wills and Estates, and Law Office Management.

Wake Technical Community College, Raleigh, North Carolina

Adjunct Instructor, Business Administration Program 1985-86

Taught Business Law I and II.

Harlow & Corvette, P.A., Durham, North Carolina

(Harlow, Reilly, Derr & Stark, now merged with Moore & Van Allen)

Associate Attorney

1983-85

General business and commercial litigation practice in four-lawyer firm with emphasis in intellectual property, construction and environmental law.

Illinois Supreme Court, Chicago, Illinois

Law Clerk to Justice William G. Clark

1981-82

Researched and wrote draft opinions in appeals from the lower courts of Illinois.

Phoenix Associates, Inc., Washington, DC

Research Assistant

1977-78

Research assistant with economic consultant specializing in international development economics.

EDUCATION

Duke University School of Law, Durham, North Carolina

J.D. 1981

University of Vienna, Vienna, Austria

M. Phil., German, 1975

Vassar College, Poughkeepsie, New York; Major: German; minor: music

PROFESSIONAL LICENSES

Admitted to North Carolina State Bar, 1983; Illinois State Bar, 1981

PROFESSIONAL MEMBERSHIPS AND SERVICE

North Carolina Bar Association "Justice 4 All" Task Force, 2007

North Carolina State Bar Paralegal Committee, 1992-2000

North Carolina Bar Association, 1996-2001

Law Practice Management Section Council, 1997-2000

General Curriculum Committee, 2001

Wake County Bar Association 1991-2000

American Association for Paralegal Education, 1989-2000

Legislative, Textbook Review, and Scholarship Committees

GRANTS

Street Law Diversity Pipeline Project Grant, December 2006-December 2008

SELECTED PRESENTATIONS AND PROFESSIONAL ACTIVITIES

Panelist for NCBA Pro Bono Coordinator's Institute, November 2006

Panelist, "Pro Bono for Paralegals", NCBA Legal Assistants Division Annual Conference, April 2006

Panel moderator, "Associate Compensation and Retention," NCBA Law Practice Management Section seminar, March 2000

Co-course planner and manuscript editor, "Creating, Building and Managing a Law Practice," NCBA Law Practice Management Section Seminar, November 1998

Co-author, continuing legal education training video, "Ethics for Law Office Support Staff," North Carolina Bar Association, 1997-98

American Bar Association site visit team member for 1998 reapproval of Christopher Newport University paralegal studies program

Guest lecture, "Role of the Legal Assistant: Practical and Ethical Considerations," North Carolina Central University School of Law, April 1995

Panel Presentation, "Alternatives to Private Practice," Duke Law School Office of Career Development, October 1992

Panel Presentation, "Ethics and Timekeeping," Raleigh-Wake Paralegal Association Seminar, March 1995

"The Paralegal's Role in Law Firm Marketing," Smith, Debnam, Hibbert & Pahl; Greensboro Paralegal Association, 1994

"Finding a Job as a Paralegal," North Carolina Paralegal Association Annual Seminar, April 1993

"Professional Development and Job Satisfaction for Legal Assistants," North Carolina Paralegal Association Mid-Year Seminar, 1992; Poyner & Spruill, Raleigh, 1992

Panel Presentation, "Alternative Careers for Lawyers: Resources for Career Changers," North Carolina Bar Foundation Seminar ("Issues Facing Corporate Counsel"), September 1991

Review of proposed paralegal studies curriculum for North Carolina Department of Community Colleges, 1991

Consultant on ABA approval process, Greensboro College, 1991

ARTICLES

"Of Counsel" article on Calvin Murphy

Of Counsel articles on public interest law alums

"Recruiting Qualified Paralegals: Evaluating Paralegal Education Programs," *Practice Management*, NCBA Law Practice Management Section newsletter, March 1998

“The Job Search: Your Personal Marketing Campaign,” *NCPA Forum*, Winter 1996

“Paralegals and Corporate Law: A Multicompany Perspective,” with Deborah Lawrence, *The Business Lawyer*, NCBA Corporate Counsel Section newsletter, April 1994

“Paralegals: Untapped Potential for Performance and Profit,” *North Carolina State Bar Quarterly*, Summer 1993

“CLE Course For Paralegals Enhances Intellectual Property Practice Skills,” *IP Links*, NCBA Intellectual Property Section newsletter, June 1991

COMMUNITY INVOLVEMENT

Durham Lakewood YMCA Board of Managers, 1999-2002

Eno River Unitarian Universalist Fellowship, Music Committee 2002-07

Sierra Club, Headwaters Group Outings Leader

Raleigh Oratorio Society Board of Directors, 1995-98; Vice President for Marketing, 1998



MCNC

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www.mcnc.org

March 15, 2010

Mr. Gregory Clinton
North Carolina Central University
School of Law
1512 South Alston Avenue
Durham, NC 27707

Dear Mr. Clinton:

As you are aware, MCNC was successful at securing round one Broadband Technology Opportunities Program (BTOP) Funds of \$28.2M to build our \$40M NCREN broadband project. We expect this award will be a tremendous boost for education and economic development in the rural southeastern and western parts of North Carolina that are directly impacted.

As we and your staff have noted, four areas of the state remain significantly underserved in their access to broadband technologies. Community Anchor Institutions across education, government, healthcare and research in these areas find themselves offering a lower level of digital services to their constituents. Consumers and small businesses find it difficult to participate in the growing digital economy.

I am writing to offer my encouragement and support for North Carolina Central University's leadership in submitting a round two BTOP Sustainable Broadband application that would build the NCCU School of Law Virtual Justice Broadband Project, a regional interactive video collaborative for all of North Carolina. This project lies squarely in the path of our BTOP 1 proposal, and immediately adjacent to our North Carolina Rural Broadband Initiative BTOP 2 proposal that covers the counties in Northeastern North Carolina, North Central North Carolina, South Central North Carolina and far Northwestern North Carolina. These geographic regions contain almost one-half of the counties in the State. These counties are beset by high unemployment, low incomes and a high incidence of health related maladies. MCNC is happy to support your proposal because of the positive impact that your project will have on broadband adoption and telejustice in North Carolina.

As a leading advocate for broadband expansion and adoption, MCNC recognizes the vital resource broadband represents for families and communities across the state. Through the expansion of the North Carolina Research and Education Network (NCREN), MCNC has created better access to distance learning, telehealth, economic development, and other social benefits for North Carolinians. The Virtual Justice Project that you have developed will leverage MCNC efforts, by extending adaptable technology and broadband awareness into underserved communities, and by expanding distance learning and legal justice opportunities to communities in need.

Because of the tremendous potential of the Virtual Justice Project, it is a privilege to support your application to the National Telecommunication Information Association for the Broadband Technology Opportunities Program/ Sustainable Broadband Adoption Program. Should the project move forward, I will look forward to the opportunity discuss ways in which MCNC can support your efforts to bring legal justice through broadband access.

Sincerely,

John Killebrew
Vice President
NCREN Community Support

School of Law - 2009-2010 State Budget

Account	FY'09 Adjusted Balance	FY'09 Base Budget Reduction	FY'10 Budget 10% Reduction
201194	\$ 6,783,292	\$ 7,077,779	\$ 6,457,879
215940	\$ 284,586		\$ 44,817
215450	\$ 2,374,866	\$ 2,628,678	\$ 2,183,422
216710	\$ 52,992	\$ 60,000	\$ 60,000
215940	\$ 3,285,981	\$ 2,791,460	\$ 2,606,220
	\$ 12,781,717	\$ 12,557,917	\$ 11,352,338

<i>Budget Reduc</i>	\$	11,352,338
<i>Tuition incr</i>	\$	600,000
<i>New base bud</i>	\$	11,952,338 *

* The School of Law 2009-2010 State Budget represents income from the state and is completely offsetted by expenditures from salaries and operations.