

The logo for UC2B is contained within a blue-bordered square. At the top, the letters "UC2B" are written in a blue, sans-serif font. Below the text is a stylized orange graphic consisting of a large rectangle with a smaller rectangle inside it, and several horizontal lines, resembling a ladder or a set of steps.

UC2B

Urbana-Champaign
Big Broadband
Public Computing Centers
On-Line Application Narratives



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

Submitted Date: 8/20/2009 3:22:10 PM	Easygrants ID: 2964
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: University of Illinois Urbana Champaign
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Kathy Young

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A. General Application Information

1. Applicant Information	
1-A. Name, Address, and Federal ID for Applicant	
i. Legal Name:	University of Illinois Urbana Champaign
ii. Employer/Taxpayer Identification Number (EIN/TIN):	376000511
Street 1:	c/o Office of Sponsored Programs and Research Administration
Street 2:	1901 S. First Street, Suite A
City:	Champaign
County:	Champaign
State:	IL
Country	United States
Zip/Postal Code:	61820-7406
1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix:	
First Name:	Kathy
Middle Name:	
Last Name:	Young
Suffix:	
Telephone Number:	217-333-2187
Fax Number:	
Email:	geraldmcworter@gmail.com
Title:	Director of OSPRA
1-C. Other Required Identification Numbers	



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i. Organizational DUNS:	04-154-4081
ii. CCR # (CAGE):	4B808
iii. Funding Opportunity Number:	2
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

1-D. Organization Classification

Local, State, or Other Government Entity

1-E. Applicant Federal Debt Delinquency Explanation

Is the **Applicant** Delinquent On Any Federal Debt?
No

Federal debt delinquency Explanation:

1-F. Congressional Districts of:

Applicant: Illinois - 15

Program/Project
Illinois - 15

2. Project Title and Project Description

2-A. Project Title : Urbana-Champaign Big Broadband Above Ground PCC (UC2B Public Computer Centers)

2-B. Project Description: UC2B is an intergovernmental consortium of the University of Illinois and the cities of Urbana and Champaign providing fiber-optic broadband connectivity to the community's anchor institutions, fiber-to-the-home connectivity in underserved neighborhoods, improved access/support to



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public computer centers, and a sustainable adoption and educational outreach program for vulnerable populations.

3. Project Type

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

Project Type: Public Computer Center

Project ID: 2

4. Application ID for Multiple Submissions for Identified Service Areas

There are three linked submissions from the Urbana-Champaign Big Broadband Consortium. They inform and enable each other and provide an integrated solution for the Identified Service Area.

BTOP Infrastructure:

Urbana-Champaign Big Broadband - Below Ground (UC2B Middle Mile & Last Mile Infrastructure)

BTOP Public Computing Center:

Urbana-Champaign Big Broadband - Above Ground PCC (UC2B Public Computing Centers)

BTOP Sustainable Broadband Adoption:

Urbana-Champaign Big Broadband - Above Ground SA (UC2B Sustainable Broadband Adoption)

5. Estimated Funding (\$):

Estimated Funding (\$):	
Federal	992,173
Applicant	105,358
State	
Local	158,037



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Other	
Program Income	
Total	1,255,568

B. Eligibility Factors

6. Eligibility Factors.

The application must be completed fully, and all required supplemental documentation must be attached.
Applicants must commit to substantially completing their Project (as defined in the NOFA) within two years of the award date, and completing the Project within three years of the award date.
Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.
Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.
The budget for the project must be reasonable and all costs must be eligible.

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

Yes

Matching Fund Waiver Request Explanation



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C. Executive Summary

7. Executive Summary of Overall Proposal:

A. Statement of problem/need with regard to improving broadband adoption rates.

UC2B Below Ground will bring needed big broadband to community anchor institutions and to homes in underserved areas. The complementary need and solution addressed in this UC2B Public Computer Center proposal is to stimulate broadband demand by helping people in those areas and other vulnerable populations use a reliable and cutting-edge set of big-broadband-based tools and services. This includes hardware, software, people, and social arrangements. In July, UC2B carried out a door-to-door household survey which found census block groups of <40% broadband takeup, exactly aligned with the lowest income and highest social isolation (joblessness, lower education, lack of access to services, and so on).

B. Overall approach to addressing the need.

Our overall approach is bottom-up, locally rooted cultural and entrepreneurial innovation, facilitated by North Champaign-Urbana's own social capital together with UC2B's structures and resources. The set of big-broadband-based tools and services mentioned above is centered on:

1. a self-organized network of 46 public computer centers, with technology both comprehensive and cutting edge, and a uniformly educated and mobilized support staff of 31 core staff (including 17 cybernavigators—local people helping and teaching);
2. 50 student interns (high school, community college, university) rolling through a three-course sequence on big broadband, community institutional transformation, and big-broadband-based entrepreneurship, culminating in start-up awards to each year's five best projects; and
3. a hub public computer center featuring three locally relevant technology foci and called the Mad Lab (for Music, Access, Digitization).

C. Areas to be served, population of the areas with demographics, estimated number of users of



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public computer centers.

UC2B will serve Champaign and Urbana, Illinois. This encompasses a population of 113,000, 15.6% African American, 4.5% Latino, and 27% living below the poverty level, according to the 2005-2007 American Community Survey. We estimate the annual number of users of UC2B's network of public computer centers to be 22,000 individuals.

D. Applicant qualifications.

UC2B's public computer center work builds on the last 15 years of activity by community informatics scholars/professionals at the University of Illinois (<http://www.cii.illinois.edu>). As demonstrated by our record of publications/presentations, this has involved:

1. establishing, operating, and/or studying more than 100 public computer centers;
2. IT-enabling and/or studying more than 500 community groups and institutions; and
3. convening and steering 15 plus conferences on the topic of technology and community (Job?Tech, CTCNeT, Ending Poverty/Day of Discovery, Paseo/Community as Intellectual Space, and eChicago).

The university's community informatics team has worked in Champaign-Urbana, East St. Louis, Oak Park, and Chicago, Illinois; Toledo, Ohio; Ann Arbor, Michigan; Manchester, England; and São Tomé (Africa). At a close-up, in-community level, for 15 plus years we operated the community network Prairienet (<http://prairienet.org>), the only TOP grant that NTIA awarded to a university's library and information science program and a W. K. Kellogg grantee. At the large-scale dataset level, we created an archive of the physical and digital records of the Technology Opportunities Program (<http://hdl.handle.net/2142/5139>) and initiated the collective study of the 606 projects, all of which used technology to solve problems in underserved areas/among vulnerable populations. This work has built the largest community informatics program in the country, graduating professionals and Ph.D.-level researchers.

E. Ability to implement the project, achieve its intended results.



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City and university managers steering the UC2B intergovernmental consortium have personally collaborated on no less than four generations of successful campus–community computer networking: PLATO (begun 1960), the first public access point to a university’s online library catalog (1984), Champaign County Network (ccnet, 1993), Prairienet (1994), and now UC2B. This expertise is on top of the campus community informatics expertise described above. Important off-campus initiatives include the Champaign-Urbana Community Wireless Network (CUWiN), begun in 2000, funded by the National Science Foundation and the Open Society Initiative, and the Urbana Champaign Independent Media Center (2001), an anchor of global Indymedia and one of the 46 public computer centers in UC2B.

The University of Illinois unit leading the UC2B public computer center proposal is the Graduate School of Library and Information Science (GSLIS), which has long ranked number one in the U.S. News and World Report rankings. Research, teaching, and service projects have received major funding from such sources as the Andrew W. Mellon Foundation, the Library of Congress, Institute of Museum and Library Services, and the National Science Foundation.

The hallmark of UC2B is its sustainability, especially with regard to job creation and big broadband adoption. Of the 81 jobs created, the bulk of the payroll is in 31 positions which will be supported by UC2B for years 4 and 5 of the project. As for big broadband adoption, the three-pronged transformational strategy is aimed at a cultural shift whereby social and work lives in underserved areas/vulnerable populations are converted from offline to a seamless combination of off- and online, much like the area’s higher-income population who already use little broadband, and clamor for big.

F. Jobs to be saved or created: 81.

G. Overall cost of project: UC2B Above Ground: \$5,000,000. (This includes Public Computer Centers and Sustainable Broadband Adoption.) UC2B Public Computer Centers: \$1,255,568.

D. Project Purpose

Project Purpose: Recovery Act & BTOP Objectives



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8. Project Purpose

A. Problem significance: overcoming broadband inequality in a public university technopole.

The significant problem we are addressing is persistent, deepening digital inequality in a particular type of North American community that is found in all 50 states around our public institutions of higher education. There are 1,700 such communities, where (as in C-U) some people are using, and even creating, the world’s most powerful hardware and software. Others are using a mouse for the first time. The University of Illinois has been a world center for computing innovation, from PLATO (1960), the first public computer system, to Blue Waters (2011), which will be the most powerful supercomputer in the world when it comes online for open scientific research.

But off campus, many residents of C-U (and other similar higher-education-hub communities) are facing a computer screen, keyboard, and mouse for the first time, because all applications for the jobs, housing, and social services they need have migrated online. And other residents fall somewhere along a spectrum between the two extremes. C-U has the same social dislocations and proportion of marginalized people as any other city in this period of economic crisis. Getting online is mandatory to apply for jobs (at Google or McDonalds), education, housing, and social services. While some in C-U are integrated into the big-broadband-connected world (through televisits with family in China or ongoing collaborations with German researchers, for example), as a community we are far behind high-speed-internet societies in Asia and Europe.

B. Effective solution: build a unified network of existing/planned public computer centers, bring them to a technology standard including big broadband, provide local IT support.

The most advanced public computer center in town, with 72 applications available on each machine, users empowered to download more, and constant education and reinforcement in new uses of big broadband, is a lab exclusively for U of I computer science majors. Meanwhile at community computer centers, tight budgets and short staffs often limit instruction and support to browsing and word processing, without even the games that teach newbies mouse skills or keyboarding. UC2B Public Computer Centers’s solution has three parts:

1. organizing 45 existing or planned public computer centers (all serving underserved areas and



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vulnerable populations) into a unified network for sharing best practices and collaborating;

2. bringing their technology to a standard, including big broadband; and
3. providing IT support to the 45 centers out of a 46th hub public computer center, the Mad Lab.

This dovetails with the UC2B Sustainable Broadband Adoption proposal, which aims at:

4. 17 cybernavigators teaching/helping users of those 46 centers;
5. using the Mad Lab to help local residents and institutions create big broadband content via digitizing community materials; music, video, and other cultural production; and teleconferencing near and far; and
6. recruiting 50 people a year (university, community college, high school students, community members) to a year-long study-action program culminating in a UC2B Big Broadband Entrepreneurship competition for \$50,000 in startup funds (5 awards of \$10K each) for locally rooted big-broadband-based businesses or social entrepreneurs.

Taken together, these activities will move local residents and institutions to big-broadband-based living and working and result in higher levels of big broadband access and use.

C. Replicable solution: The UC2B solution relies on a strategy available to 1700 communities nationwide which have public institutions of higher education. That solution is to link on-campus resources and technology approaches with local community technology leaders in order to level the local broadband playing field. Part of making this solution replicable is embedded in UC2B, namely, sharing our successes and educating other cities and towns as we go.

D. Advancing job creation along with BTOP statutory purposes.

The UC2B Public Computer Center and Sustainable Broadband Adoption proposals save/create 81 jobs and advance 4 of the 5 statutory purposes of BTOP:



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1. Increasing broadband takeup in underserved areas (currently evidencing <40% broadband takeup). The Mad Lab will be located in the largest underserved area as surveyed by UC2B in July 2009.

2. Increasing broadband awareness/access and providing broadband training, equipment, and support to anchor institutions and vulnerable populations. Some public computer centers are located in underserved areas (also the lowest-income neighborhoods in Champaign-Urbana); others serve vulnerable populations. The 17 cybernavigators will work in the 46 centers and with community anchor institutions in 12 sectors: education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture, and seniors.

3. Expanding broadband for public safety agencies: One center is the Youth Detention Center serving 500 youth per year. Another serves ex-offenders at a homeless shelter.

4. Stimulating broadband demand: As local residents and institutions are supported in big broadband innovation based on cultural production, digitization of their own materials, and entrepreneurship, their lives will move online. Sustained big broadband demand will result.

E. Reinforcing other BTOP program objectives (Infrastructure and Sustainability).

The 46 public computer centers, 81 UC2B workers, and locally oriented digitization, cultural production, and entrepreneurship will mobilize vulnerable populations, anchor and grassroots organizations, and residents of underserved areas to new ways of living and working with big broadband. This will generate demand for the infrastructure and provide the basis for the sustainability mentioned above.

9. Recovery Act and Other Governmental Collaboration.

The UC2B infrastructure proposal increases the big broadband connectivity of three partners in the Illinois Rural Health Network, which has received a \$21 million grant from the Federal Communications Commission to improve the connectivity to rural medical facilities. Carle and Provena Hospitals in Urbana are both in the UC2B Last Mile proposed funded service area and both are teaching hospitals for University of Illinois medical students. Both hospitals and the University support rural health programs, and with UC2B fiber they will have low-cost, high-bandwidth connectivity to the emerging state network that the FCC grant is



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funding. The UC2B fiber will be an enabler for their telemedicine programs as well.

On the state level, Public Act 096-0038, which was signed into law on July 13, provides \$50 million in state funds for grants for broadband deployment projects in the state of Illinois. The combined UC2B projects have secured \$3.5 million from this program, subject to NTIA approval of the UC2B BTOP grant applications. The commitment email from the State of Illinois is attached to the UC2B BTOP applications and the \$3.5 million is shown in the summary of matching funds.

On a local level, the discussions leading up to the creation of the UC2B Consortium by the University and the cities of Urbana and Champaign have increased the awareness of the need for fiber conduits in the public works departments of both cities. While there is a new state law that mandates the placement of conduits for fiber optic networks on new state road projects, the local public works directors are now factoring conduit into their future road building and repairing plans. We believe these are the sort of efficiencies that the Recovery Act anticipates and encourages.

Three examples explain the diverse local government commitment to UC2B.

1. The Champaign-Urbana Mass Transit District operates an award-winning bus system. They want access to fiber connections in order to deliver wifi access and bus arrival times to off-campus bus shelters just as they already do at on-campus bus stops.
2. The Urbana-Champaign Sanitary District operates two main waste treatment plants and seven pumping stations. They want big broadband to synchronize the pumping stations better with the treatment plants. This application gives an entirely new meaning to the term “critical institution.”
3. METCAD handles the county’s 911 calls and dispatches first responders. It becomes a public safety concern whenever their interagency and first responders radio system fails. They want UC2B’s fiber to provide a backup system for their lifesaving radio towers.

The letters in the supplemental information indicate all the solutions that our 137 critical partners (anchor institutions, public computer centers, and other partners) are ready to implement with big broadband.



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

UC2B seeks to improve the quality of life of the community it will serve, in terms of health care, education, and the well-being of its children. It will partners with experienced institutions in each of these areas to do so. This will include building web resources for 12 sectors, including an extensive listing of useful websites, listservs to link professional organizations with the broad populations in need of their services, and digital content coming from the collaborations between UC2B and local individuals and organizations.

Health Care: One of our most important activities will be to fill the need for reliable health information by building a web portal that will expand via a FAQ process from public meetings and a UC2B listserv. UC2B will install/support/teach at workstations in CU public health clinics and bring big broadband to numerous health-related anchor institutions.

Education: Along with bring big broadband to education-related anchor institutions, UC2B will install/support/teach at workstations in the local adult education center. The cybernavigators and summer interns will be a teaching corps for all the community. They will make it the “in thing” to be computer literate and enjoy social networking and content moved across big broadband. By working with the community and drawing on various standards for computer literacy, we hope to have a community-sanctioned set of standards ranging from beginner to expert so that our network of labs will be able to credential itself. This process will in turn impact all local educational institutions and processes.

Children: UC2B’s work with children will focus on their extensive use of three library centers and take into account families as well as children. For example, Champaign’s Main Library has a special area for computer use by children. Adults can sit near them but not use the computers. Patrons have clamored for and UC2B will provide laptop computers that parents can check out and use while with their children. At Douglass Branch Library in the core underserved area, a lower-income, mainly African American community, UC2B will double the number of workstations from 10 to 20 and add 5 laptops as well. The area’s Head Start classrooms for children 3 to 5 years old each have one or two older computers; UC2B will upgrade most with one new workstation, big broadband, and appropriate software.

The University of Illinois is a national center for implementing Squeak programming language



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for children. UC2B will engage these developers in outreach to children in all 46 public computer centers, in the homeless shelters and elsewhere. A pilot carried out in Douglass Library drew a packed house. This will be a dynamic aspect of outreach/service to children.

11. Small and Disadvantaged Business Involvement

UC2B’s small and disadvantaged business involvement takes three forms.

1. An agreement in principle to contract with a socially/economically disadvantaged small business to clean/sanitize the machines at all 46 public computer centers. This is important in the era of H1N1 flu. UC2B is proud to have found a business to take this on.

2. Relating to infrastructure and aided by UC2B’s entrepreneurship-building aspects, UC2B and interested individuals from the local disadvantaged population have mapped out a two-step business development plan. This is necessary because small business concerns as defined by section 8a of the SMA 15 USC paragraph 637 are not evident in our area. Step one includes union electrician training for members of underrepresented and disadvantaged populations. (See letter from Champaign Telephone Company for their commitment to conducting this training program.) Step two is to carry out business formation and planning among those trained individuals. This is part of our plans for the sequence of classes in big broadband entrepreneurship and for big broadband business incubation at the Mad Lab. The result will be a newly operational big-broadband-based small business as defined by section 8a of the SMA 15 USC paragraph 637.

3. UC2B will emphasize big broadband entrepreneurship opportunities that advance underrepresented groups in Champaign-Urbana.

E. Project Benefits

E-1 – Expanding Broadband Public Computer Center Capacity

Public Computer Center Capacity, Including Areas and Populations Served

12. Public Computer Centers Availability

The UC2B network of public computer centers across the two cities will offer near-open availability of big-broadband-connected hardware and software. This is because it is a network



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that includes general access centers as well as more limited access centers serving a specific vulnerable population. None of the public computer centers charge specifically for use of computers or broadband, although some are part of programs that require applications and fees such as rent (e.g., senior housing).

General comprehensive access: We will have direct participation from all three public library locations: the Champaign Public Library, Champaign’s Douglass Branch Library, and the Urbana Free Library. In addition there are two major community centers that are generally open to all members of the community: Boys and Girls Clubs and the Independent Media Center.

Limited public access: The majority of the public computing opportunities are limited access to specific groups. This access is suited to the vulnerable populations they serve. The Developmental Services Center serves only disabled people of all types. The two women’s centers are safe houses for women in distress and their children. Head Start is limited to enrolled children. The Youth Detention Center public computers are only for residents, the same for senior housing. Many of the sites also allow use by visiting family members. The homeless facilities are open to the public, but are primarily used by residents of these respective facilities.

A third dimension of availability is home computer/big broadband access that complements the social spaces of public computer centers. In the UC2B proposal development process, local forces were able to open a long-desired channel for recycling computers out of the university into the homes of low-income and other vulnerable populations. Local public computer centers already recycle computers with great success and this will boost this activity, very important for securing big broadband adoption.

13. Restrictions on Public Computer Center Use

The main use restrictions of the UC2B public computing network will be specific to the rules of each host institution. Within the UC2B network all public computer centers require the usual deportment in public spaces, but in every case privacy and freedom of use is also an important standard. In every case the viewing of pornography is discouraged, but no public computer center practices active surveillance unless someone in the area complains or there is danger that adult content will be exposed to children.



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14. Public Computer Centers Accessibility

UC2B's open, accessible network philosophy includes accessibility for people with disabilities. We will work to make the full scope of information technology engagement available to all of our residents. Our team has expertise with every aspect of accessibility, from building computer technology center facilities that can be used by people with wheelchairs to providing helpdesk, software, and training services to enable people with vision, hearing, or motor impairments to use computers effectively. The university was one of the first wheelchair-accessible campuses in the nation decades ago, and today is a national leader in accessible web and software technology. That commitment extends to UC2B.

One of the 46 public computing centers is the Developmental Services Center. Its mission is to “enhance the lives of individuals with disabilities by providing services and supports which enable them to live, work, learn, and participate in their communities.” It was created in 1972 by the merger of four community organizations devoted to serving individuals with developmental disabilities and serves 1,400 individuals each year in Champaign and Ford counties. Its public computer center is just part of its larger program, and it has special equipment—hardware and software—for their clientele. They specialize in the area of accessibility and will be able to advise all of the other centers regarding this special needs population.

Most of the public computer centers have been involved at some stage in receiving public funding and have been required to meet standards for handicapped accessibility. In general we will have no center in the network that is not accessible to the disabled.

All of the senior centers have accessible facilities, as do the centers for homeless and women in distress. Every library and other public buildings are accessible for everyone as well.

While the buildings are accessible, over time we will have to make sure that other aspects of the public computing spaces can be fully useable as well. For people in wheelchairs we will have to make sure that they can easily move chairs so they can get access, and that the tables or desks do not prevent them from getting as close as they need to for computing. If there are residents and users of the labs who have other special needs we will have to work with their specific PCC in order to work out a reasonable solution.



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

PCC - Center Locations & Center Capacity & Size and Scope of Target Audience.
<p>Public Computer Center: A Womans Place IT Center Address Line 1: 1304 E Main St Address Line 2: City : Urbana State: IL Zip: 61802</p> <p>Computer Center Name /Type: A Womans Place IT Center Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 1 Proposed # of Broadband Workstations: 2 Current Facility Broadband Connection Speed (MBps): .26 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: A Womans Place IT Center Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 15 # of Persons served per 48-hour weekend (current): 15 # of Persons served per 120-hour business week (proposed target): 30 # of Persons served per 48-hour weekend (proposed target): 30</p>
<p>Public Computer Center: Parkland on Mattis Digital Divide CTC Address Line 1: 1307 N. Mattis Address Line 2: City : Champaign State: IL Zip: 61821</p> <p>Computer Center Name /Type: Parkland on Mattis Digital Divide CTC Average Hours Open to Public Per 120-hour Business Week: 48 Average Hours Open to Public Per 48-hour Weekend: 0 Current # of Broadband Workstations: 19 Proposed # of Broadband Workstations: 19 Current Facility Broadband Connection Speed (MBps): 11.47 Proposed Facility Broadband Connection Speed (MBps): 100.00</p>



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

Computer Center Name: Parkland on Mattis Digital Divide CTC
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 30
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 60
 # of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: The Urbana Free Library
 Address Line 1: 210 West Green Street
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61801

Computer Center Name /Type: The Urbana Free Library
 Average Hours Open to Public Per 120-hour Business Week: 57
 Average Hours Open to Public Per 48-hour Weekend: 13
 Current # of Broadband Workstations: 65
 Proposed # of Broadband Workstations: 81
 Current Facility Broadband Connection Speed (MBps): 3.17
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: The Urbana Free Library
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 1140
 # of Persons served per 48-hour weekend (current): 260
 # of Persons served per 120-hour business week (proposed target): 2280
 # of Persons served per 48-hour weekend (proposed target): 520



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

Public Computer Center: Developmental Services Center
 Address Line 1: 1304 West Bradley Ave
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61821

Computer Center Name /Type: Developmental Services Center
 Average Hours Open to Public Per 120-hour Business Week: 40
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 200
 Proposed # of Broadband Workstations: 2
 Current Facility Broadband Connection Speed (Mbps): .49
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: Developmental Services Center
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 50
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 100
 # of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Urbana Adult Education
 Address Line 1: 211 N. Race Street
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61801

Computer Center Name /Type: Urbana Adult Education
 Average Hours Open to Public Per 120-hour Business Week: 32
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 40
 Proposed # of Broadband Workstations: 56
 Current Facility Broadband Connection Speed (Mbps): 1.42
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: Urbana Adult Education
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 185
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 370



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: The Center for Women in Transition
 Address Line 1: 508 E Church Street
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: The Center for Women in Transition
 Average Hours Open to Public Per 120-hour Business Week: 120
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 13
 Proposed # of Broadband Workstations: 19
 Current Facility Broadband Connection Speed (MBps): 1.47
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: The Center for Women in Transition
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 48
 # of Persons served per 48-hour weekend (current): 49
 # of Persons served per 120-hour business week (proposed target): 96
 # of Persons served per 48-hour weekend (proposed target): 96



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

<p>Public Computer Center: Bethel Church Address Line 1: 401 East Park Address Line 2: City : Champaign State: IL Zip: 61820</p> <p>Computer Center Name /Type: Bethel Church Average Hours Open to Public Per 120-hour Business Week: 20 Average Hours Open to Public Per 48-hour Weekend: 20 Current # of Broadband Workstations: 2 Proposed # of Broadband Workstations: 4 Current Facility Broadband Connection Speed (MBps): .83 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: Bethel Church Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 30 # of Persons served per 48-hour weekend (current): 30 # of Persons served per 120-hour business week (proposed target): 40 # of Persons served per 48-hour weekend (proposed target): 60</p>
<p>Public Computer Center: Canaan Church Address Line 1: 404 West Main Address Line 2: City : Urbana State: IL Zip: 61801</p> <p>Computer Center Name /Type: Canaan Church Average Hours Open to Public Per 120-hour Business Week: 20 Average Hours Open to Public Per 48-hour Weekend: 20 Current # of Broadband Workstations: 2 Proposed # of Broadband Workstations: 4 Current Facility Broadband Connection Speed (MBps): 1.79 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: Canaan Church Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 30 # of Persons served per 48-hour weekend (current): 20 # of Persons served per 120-hour business week (proposed target): 40</p>



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 40

Public Computer Center: Church of the Brethren
 Address Line 1: 1210 N Neil St
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: Church of the Brethren
 Average Hours Open to Public Per 120-hour Business Week: 50
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 9
 Proposed # of Broadband Workstations: 13
 Current Facility Broadband Connection Speed (MBps): .63
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Church of the Brethren
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 10
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 15
 # of Persons served per 48-hour weekend (proposed target): 0



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

Public Computer Center: Salem Church
 Address Line 1: 500 East Park Street
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: Salem Church
 Average Hours Open to Public Per 120-hour Business Week: 20
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 4
 Proposed # of Broadband Workstations: 4
 Current Facility Broadband Connection Speed (MBps): .75
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Salem Church
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 15
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 20
 # of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Boys and Girls Club
 Address Line 1: 201 East Park
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: Boys and Girls Club
 Average Hours Open to Public Per 120-hour Business Week: 75
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 21
 Proposed # of Broadband Workstations: 21
 Current Facility Broadband Connection Speed (MBps): .43
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Boys and Girls Club
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 150
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 150



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Urbana-Champaign Independent Media Center
 Address Line 1: 202 South Broadway
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61801

Computer Center Name /Type: Urbana-Champaign Independent Media Center
 Average Hours Open to Public Per 120-hour Business Week: 30
 Average Hours Open to Public Per 48-hour Weekend: 12
 Current # of Broadband Workstations: 13
 Proposed # of Broadband Workstations: 17
 Current Facility Broadband Connection Speed (MBps): 1.00
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Urbana-Champaign Independent Media Center
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 220
 # of Persons served per 48-hour weekend (current): 140
 # of Persons served per 120-hour business week (proposed target): 220
 # of Persons served per 48-hour weekend (proposed target): 140



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

Public Computer Center: Head Start
 Address Line 1: 809 North Neil
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61822

Computer Center Name /Type: Head Start
 Average Hours Open to Public Per 120-hour Business Week: 40
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 6
 Proposed # of Broadband Workstations: 6
 Current Facility Broadband Connection Speed (Mbps): 1.83
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: Head Start
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 60
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 60
 # of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: CU Public Health
 Address Line 1: 201 W. Kenyon Rd
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: CU Public Health
 Average Hours Open to Public Per 120-hour Business Week: 40
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 2
 Proposed # of Broadband Workstations: 4
 Current Facility Broadband Connection Speed (Mbps): 3.71
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: CU Public Health
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 200
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 200



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Catholic Worker House
Address Line 1: 317 South Randolph
Address Line 2:
City : Champaign
State: IL
Zip: 61820

Computer Center Name /Type: Catholic Worker House
Average Hours Open to Public Per 120-hour Business Week: 120
Average Hours Open to Public Per 48-hour Weekend: 48
Current # of Broadband Workstations: 1
Proposed # of Broadband Workstations: 2
Current Facility Broadband Connection Speed (MBps): 1.12
Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Catholic Worker House
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
of Persons served per 120-hour business week (current): 30
of Persons served per 48-hour weekend (current): 48
of Persons served per 120-hour business week (proposed target): 30
of Persons served per 48-hour weekend (proposed target): 96



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

<p>Public Computer Center: Restoration Urban Ministries Address Line 1: 1213 Parkland Court Address Line 2: City : Champaign State: IL Zip: 61821</p> <p>Computer Center Name /Type: Restoration Urban Ministries Average Hours Open to Public Per 120-hour Business Week: 40 Average Hours Open to Public Per 48-hour Weekend: 0 Current # of Broadband Workstations: 6 Proposed # of Broadband Workstations: 10 Current Facility Broadband Connection Speed (MBps): .65 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: Restoration Urban Ministries Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 91 # of Persons served per 48-hour weekend (current): 0 # of Persons served per 120-hour business week (proposed target): 91 # of Persons served per 48-hour weekend (proposed target): 0</p>
<p>Public Computer Center: TIMES Men's Emergency Shelter Address Line 1: 70 East Washington St Address Line 2: City : Champaign State: IL Zip: 61820</p> <p>Computer Center Name /Type: TIMES Men's Emergency Shelter Average Hours Open to Public Per 120-hour Business Week: 40 Average Hours Open to Public Per 48-hour Weekend: 0 Current # of Broadband Workstations: 1 Proposed # of Broadband Workstations: 2 Current Facility Broadband Connection Speed (MBps): 1.13 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: TIMES Men's Emergency Shelter Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 25 # of Persons served per 48-hour weekend (current): 0 # of Persons served per 120-hour business week (proposed target): 25</p>



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: HACC Dorsey Homes
 Address Line 1: 1100 Dorsey Dr
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61821

Computer Center Name /Type: HACC Dorsey Homes
 Average Hours Open to Public Per 120-hour Business Week: 60
 Average Hours Open to Public Per 48-hour Weekend: 14
 Current # of Broadband Workstations: 4
 Proposed # of Broadband Workstations: 4
 Current Facility Broadband Connection Speed (MBps): 3.11
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: HACC Dorsey Homes
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 35
 # of Persons served per 48-hour weekend (current): 35
 # of Persons served per 120-hour business week (proposed target): 50
 # of Persons served per 48-hour weekend (proposed target): 50



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

<p>Public Computer Center: Champaign Public Library Address Line 1: 200 West Green Address Line 2: City : Champaign State: IL Zip: 61820</p> <p>Computer Center Name /Type: Champaign Public Library Average Hours Open to Public Per 120-hour Business Week: 60 Average Hours Open to Public Per 48-hour Weekend: 14 Current # of Broadband Workstations: 88 Proposed # of Broadband Workstations: 98 Current Facility Broadband Connection Speed (Mbps): .90 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Champaign Public Library Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 15000 # of Persons served per 48-hour weekend (current): 3000 # of Persons served per 120-hour business week (proposed target): 15000 # of Persons served per 48-hour weekend (proposed target): 3000</p>
<p>Public Computer Center: Douglas Branch Library Address Line 1: 504 East Grove Address Line 2: City : Champaign State: IL Zip: 61820</p> <p>Computer Center Name /Type: Douglas Branch Library Average Hours Open to Public Per 120-hour Business Week: 48 Average Hours Open to Public Per 48-hour Weekend: 6 Current # of Broadband Workstations: 10 Proposed # of Broadband Workstations: 15 Current Facility Broadband Connection Speed (Mbps): 1.43 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Douglas Branch Library Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 300 # of Persons served per 48-hour weekend (current): 100 # of Persons served per 120-hour business week (proposed target): 400</p>



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

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Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 130

Public Computer Center: Youth Detention Center
 Address Line 1: 400 S. Art Bartell Rd
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61802

Computer Center Name /Type: Youth Detention Center
 Average Hours Open to Public Per 120-hour Business Week: 40
 Average Hours Open to Public Per 48-hour Weekend: 0
 Current # of Broadband Workstations: 2
 Proposed # of Broadband Workstations: 4
 Current Facility Broadband Connection Speed (MBps): 3.71
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Youth Detention Center
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 40
 # of Persons served per 48-hour weekend (current): 0
 # of Persons served per 120-hour business week (proposed target): 40
 # of Persons served per 48-hour weekend (proposed target): 0



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

<p>Public Computer Center: Canterbury Ridge Address Line 1: 1706 East Amber Address Line 2: City : Urbana State: IL Zip: 61802</p> <p>Computer Center Name /Type: Canterbury Ridge Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 2 Proposed # of Broadband Workstations: 2 Current Facility Broadband Connection Speed (Mbps): 1.37 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Canterbury Ridge Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 75 # of Persons served per 48-hour weekend (current): 75 # of Persons served per 120-hour business week (proposed target): 75 # of Persons served per 48-hour weekend (proposed target): 75</p>
<p>Public Computer Center: Champaign County Nursing Home Address Line 1: 1701 East Main Address Line 2: City : Urbana State: IL Zip: 61802</p> <p>Computer Center Name /Type: Champaign County Nursing Home Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 4 Proposed # of Broadband Workstations: 4 Current Facility Broadband Connection Speed (Mbps): 1.12 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Champaign County Nursing Home Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 90 # of Persons served per 48-hour weekend (current): 90 # of Persons served per 120-hour business week (proposed target): 90</p>



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 90

Public Computer Center: Clark Lindsey Village
 Address Line 1: 101 W Windsor Road
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61802

Computer Center Name /Type: Clark Lindsey Village
 Average Hours Open to Public Per 120-hour Business Week: 120
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 6
 Proposed # of Broadband Workstations: 10
 Current Facility Broadband Connection Speed (MBps): 4.70
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Clark Lindsey Village
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 250
 # of Persons served per 48-hour weekend (current): 250
 # of Persons served per 120-hour business week (proposed target): 250
 # of Persons served per 48-hour weekend (proposed target): 250



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

<p>Public Computer Center: Edge of Mall Senior Residence Address Line 1: 109 W Illinois St Address Line 2: City : Urbana State: IL Zip: 61801</p> <p>Computer Center Name /Type: Edge of Mall Senior Residence Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 0 Proposed # of Broadband Workstations: 2 Current Facility Broadband Connection Speed (Mbps): 1.67 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Edge of Mall Senior Residence Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 110 # of Persons served per 48-hour weekend (current): 110 # of Persons served per 120-hour business week (proposed target): 110 # of Persons served per 48-hour weekend (proposed target): 110</p>
<p>Public Computer Center: Florida House Address Line 1: 1502 East Florida Address Line 2: City : Urbana State: IL Zip: 61802</p> <p>Computer Center Name /Type: Florida House Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 1 Proposed # of Broadband Workstations: 2 Current Facility Broadband Connection Speed (Mbps): 2.43 Proposed Facility Broadband Connection Speed (Mbps): 100.00</p> <p>Computer Center Name: Florida House Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 45 # of Persons served per 48-hour weekend (current): 45 # of Persons served per 120-hour business week (proposed target): 45</p>



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

of Persons served per 48-hour weekend (proposed target): 45

Public Computer Center: Inman Plaza
 Address Line 1: 17 East University
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61820

Computer Center Name /Type: Inman Plaza
 Average Hours Open to Public Per 120-hour Business Week: 48
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 1
 Proposed # of Broadband Workstations: 2
 Current Facility Broadband Connection Speed (MBps): .39
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Inman Plaza
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 11300250
 # of Persons served per 120-hour business week (current): 6
 # of Persons served per 48-hour weekend (current): 6
 # of Persons served per 120-hour business week (proposed target): 25
 # of Persons served per 48-hour weekend (proposed target): 25



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

Submitted Date: 8/20/2009 3:22:10 PM		Easygrants ID: 2964	
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption		Applicant Organization: University of Illinois Urbana Champaign	
Task: Submit Application - Non-Infrastructure Programs		Applicant Name: Kathy Young	

Public Computer Center: Prairie Winds of Urbana
 Address Line 1: 1905 E Prairie Winds Ave
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61802

Computer Center Name /Type: Prairie Winds of Urbana
 Average Hours Open to Public Per 120-hour Business Week: 120
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 0
 Proposed # of Broadband Workstations: 2
 Current Facility Broadband Connection Speed (Mbps): .00
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: Prairie Winds of Urbana
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 160
 # of Persons served per 48-hour weekend (current): 160
 # of Persons served per 120-hour business week (proposed target): 160
 # of Persons served per 48-hour weekend (proposed target): 160

Public Computer Center: Round Barn Manor
 Address Line 1: 2000 W John St
 Address Line 2:
 City : Champaign
 State: IL
 Zip: 61821

Computer Center Name /Type: Round Barn Manor
 Average Hours Open to Public Per 120-hour Business Week: 120
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 3
 Proposed # of Broadband Workstations: 5
 Current Facility Broadband Connection Speed (Mbps): .32
 Proposed Facility Broadband Connection Speed (Mbps): 100.00

Computer Center Name: Round Barn Manor
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 125
 # of Persons served per 48-hour weekend (current): 125
 # of Persons served per 120-hour business week (proposed target): 125



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of Persons served per 48-hour weekend (proposed target): 125

Public Computer Center: Sunny Crest Manor
 Address Line 1: 1805 S Cottage Grove Ave
 Address Line 2:
 City : Urbana
 State: IL
 Zip: 61801

Computer Center Name /Type: Sunny Crest Manor
 Average Hours Open to Public Per 120-hour Business Week: 120
 Average Hours Open to Public Per 48-hour Weekend: 48
 Current # of Broadband Workstations: 2
 Proposed # of Broadband Workstations: 2
 Current Facility Broadband Connection Speed (MBps): .73
 Proposed Facility Broadband Connection Speed (MBps): 100.00

Computer Center Name: Sunny Crest Manor
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000
 # of Persons served per 120-hour business week (current): 66
 # of Persons served per 48-hour weekend (current): 66
 # of Persons served per 120-hour business week (proposed target): 66
 # of Persons served per 48-hour weekend (proposed target): 66



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<p>Public Computer Center: Windsor of Savoy Address Line 1: 401 Burwash Ave Address Line 2: City : Savoy State: IL Zip: 61874</p> <p>Computer Center Name /Type: Windsor of Savoy Average Hours Open to Public Per 120-hour Business Week: 120 Average Hours Open to Public Per 48-hour Weekend: 48 Current # of Broadband Workstations: 4 Proposed # of Broadband Workstations: 6 Current Facility Broadband Connection Speed (MBps): 2.73 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: Windsor of Savoy Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 210 # of Persons served per 48-hour weekend (current): 210 # of Persons served per 120-hour business week (proposed target): 210 # of Persons served per 48-hour weekend (proposed target): 210</p>
<p>Public Computer Center: Mad Lab Address Line 1: 804 N 5th St Address Line 2: City : Champaign State: IL Zip: 61820</p> <p>Computer Center Name /Type: Mad Lab Average Hours Open to Public Per 120-hour Business Week: 0 Average Hours Open to Public Per 48-hour Weekend: 0 Current # of Broadband Workstations: 0 Proposed # of Broadband Workstations: 21 Current Facility Broadband Connection Speed (MBps): .00 Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p>Computer Center Name: Mad Lab Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 113000 # of Persons served per 120-hour business week (current): 0 # of Persons served per 48-hour weekend (current): 0 # of Persons served per 120-hour business week (proposed target): 295</p>



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of Persons served per 48-hour weekend (proposed target): 70

16. PCC- SBA Population Demographics

Age Distribution
Age Distribution: 70 and above
Age Distribution: 60-69
Age Distribution: 50-59
Age Distribution: 40-49
Age Distribution: 30-39
Age Distribution: 20-29
Age Distribution: 5-19
Age Distribution: 0-4

Ethnicity or ethnicities



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Ethnicity: Hispanic
Ethnicity: Non-Hispanic White
Ethnicity: Non-Hispanic Black
Ethnicity: Non-Hispanic American Indian
Ethnicity: Non-Hispanic Asian
Ethnicity: Non-Hispanic Hawaiian or Pacific Islander
Ethnicity: Non-Hispanic Other
Ethnicity: Two or More Races

Gender
Gender: Female
Gender: Male

Median Household Income
Median Household Income: \$25,000 - \$34,999
Median Household Income: \$35,000 - \$49,999

Educational Levels
Educational Levels: Nursery school - Preschool
Educational Levels: Elementary - Kindergarten - Grade 5
Educational Levels: Middle - Grade 6 to Grade 8
Educational Levels: Secondary - Grade 9 to Grade 12



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Educational Levels: College
Educational Levels: Masters
Educational Levels: Doctorate/Post-Doctorate

Disabilities status
Disabilities status : Blindness, Deafness or a severe vision or hearing impairment
Disabilities status : A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying
Disabilities status : A physical, mental or emotional condition lasting 6 months or more

Unemployment Rate
Unemployment Rate: 9.40

Language
Language : English - Primary
Language : English - Second Language
Language : Non-English Speakers

17. Public Computer Centers Outreach

UC2B’s outreach strategy is based on its critical social institution partners. Their constituencies have a strong demand for broadband: while they have some, they don’t have enough. UC2B is answering this demand.

1. Outreach has already started. Negotiations with institutions, three public forums attended by 50+ people each (representing more than 100 organizations), open city council subcommittee



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meetings, media coverage, and a door-to-door survey have alerted many to the coming big broadband opportunity.

2. Hiring local people is outreach. This outreach will be through family, friendship, and institutional networks. UC2B Above Ground will pull these social networks into its centers. This will legitimate the new UC2B staff and increase their standing in the community. It will enlist family and friends as an informal support network for UC2B.

3. UC2B will use TV, radio, and print aimed at the entire community and audiences such as Latinos, African Americans, students, and so on. UC2B will document best practices and examples in these outlets via press releases, interviews, photos, articles, and audio/video.

4. UC2B outreach will feature what people produce in the centers. This will help move local cultural awareness from traditional formats to digital formats that take advantage of big broadband connectivity, promoting/celebrating the digital artifacts of cultural production.

5. UC2B will encourage people to download other people's content and even more importantly to upload their own content. UC2B training/support is not only intended to promote the usual sanctioned standards for computer literacy, but also literacy with which people can create digital artifacts of culture and consciousness that reflect the history, condition, and future of the community, what it thinks of itself and society, and what it is going to do about making the future a fulfillment of their dreams. We will be encouraging people to dream in cyberspace and make their dreams become reality.

6. UC2B will convene an annual community conference, including a report by the UC2B policy committee, a review of service with all providers present, the sharing of experiences among public computer centers, a computer fair and competition, a keynote address, sessions of papers, panels, and posters from scholars and students, and tours of public computer centers and university computer facilities—altogether a celebration of digital culture and big broadband.

7. Staff will attend every community organization meeting possible, pitching big broadband to local leaders from the PTA to the health coalition to the NAACP with brochures and comments about the utility of public computer centers and big broadband connections for their organization. This reflects UC2B's model of community as having a network of leaders: they



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know each other, and they need to know about UC2B. Big Broadband Sunday will be key here.

Public Computer Center Capacity: Training and Educational Programs

18. Public Computer Centers Peripherals and Equipment

164 desktops will be distributed across the network of 46 public computer centers. These will be dual-boot (Mac and Windows) iMac 20” machines with locks and repair warranties. With extra memory to remain functional longer than usual configurations, unit cost \$1500.

54 laptops will be distributed to 29 staff and three libraries which have specific needs for mobile use by patrons. Staff will move around the two cities and need laptops for productivity and for demonstrating big broadband usefulness to others. With repair warranties. Unit cost \$1300.

One laptop will be used to regularly reimage the desktops and laptops. Pushing a new image across the big broadband network, which technically possible since it will be like one big LAN may not always be desirable. In some cases reimaging can be part of the regular visits to each center, which will be moment for sharing news, solving problems and building social capital. Unit cost \$3400 with free OS X server upgrades for three years, and will be loaded.

Three desktops will provide the foundation for music/media and digitization work in the Mad Lab. Specially configured dual-boot Mac Pros, unit cost \$6165.

One server will provide listserv and web services from the Mad Lab. Rack- mounted Xserve running OS X server with RAID, multiple disks, unit cost \$7500.

Additional items include group printers, a copier, music/media devices, scanners, cameras, stands and racks, analog players, cables, and other networking equipment.

19. Public Computer Centers Workstation Software

The 164 desktops distributed across the network of 46 public computer centers will be dual boot (Windows and Mac OS), installed with Microsoft Office, antivirus, and a range of



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free applications. Emphasis here will be on educational and social games, Squeak and other programming tools, sound and video, creating/working with images, and basic but versatile video/audioconferencing. The 54 laptops distributed to 29 staff and three libraries will have the same and will be work tools and demonstration tools.

Three desktops for specialized work in the music/media space and the digitization space of the Mad Lab will be specially built with professional quality software such as Final Cut Suite, Logic Studio, Aperture, and others as well as a range of open source tools common to digitization projects such as Google Books, the Open Access Initiative, and Project Gutenberg.

The strong local Linux community is also interested in collaborating with UC2B to introduce people in the centers to Linux as a third operating system.

20. Public Computer Centers Training and Education Programs

UC2B's training and education programs are based on its understanding of literacy of all types: computer literacy, information literacy, and literacy per se (reading and writing).

The collective experience in community informatics at the University of Illinois includes at least six different sets of curriculum materials. This provides a rich set of resources on which UC2B will build. We will also use the general standards adopted in Europe, the European Computer Driving License (<http://www.ecdl.org/publisher/index.jsp>). We will also use the five curricula recommended by the Community Technology Centers' Network: (<http://ctcnet.org/what/resources/msup/adaptedcurricula.htm>).

For local buy-in and local content, a team of UC2B staff and staff from the existing public computer centers will assemble a basic curriculum for computer literacy.

Another basic feature of UC2B will be to build a web portal to include all of the sectors of our community that we are serving, so that everyone enters the same virtual community. As a network of labs we are embracing everyone in the community. We will start with where people are, and then we will work to bring everyone together. Graduate students will build comprehensive resource lists and aggregate an FAQ.

Our basic plan is to hire a group of 17 part-time cybernavigators to work across the entire



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UC2B network. The job will require experience in one of the sectors UC2B will serve as well as several years experience, a degree, or coursework in computer science and/or a helping profession. The interview will include taking a test to demonstrate proficiency in information technology. There are active computer science programs in area high schools and at Parkland Community College (<http://your.parkland.edu/academics/departments/csit>) to draw from. The priority is to hire from the target areas for the UC2B Below Ground. UC2B aims to create jobs for people who come from the areas of greatest focus in both the ARRA legislation and the BTOP NOFA.

Teams of cybernavigators will specialize in sectors of our community. For example, cybernavigators will service 10 senior centers and become experts in computer education for seniors. This involves the team as individuals spending one morning a week in each of the senior centers. As we will be using video conferencing in each place we anticipate a reservation schedule for half-hour sessions by which the seniors can have a video chat with family members. We expect this to be a popular application, so we will organize the early adopters to assist other seniors who might find it more convenient to videoconference at night or on weekends. There will also be an emphasis on sending holiday cards, uploading and downloading pictures, storing files on an external storage device, and even playing virtual bingo or other games they choose, by networking all of the senior centers in a citywide tournament!

For instance, we will work with the women’s shelters to recruit someone who knows their mission and clientele and brings a special sensitivity to their needs—the need to recover, to get reoriented, to get back on one’s feet with a job and a home, to keep one’s children optimistic and engaged for the future, and to have some fun to stabilize and give love to the children.

Some basic lessons we have learned from previous work:

1. It is best to teach basic computing skills in relation to content and not as isolated technical skills.
2. Games are very popular and can be very educational. In our ABC classes (Adult Basic Computing) we have often taught the use of the mouse by helping people learn how to play solitaire on the computer. Other people are keenly interested in playing and developing games.



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3. People often learn best in groups of friends, in a safe space.
4. Learning is reinforced when people teach others something they have recently learned.
5. Memorization is the basis for creativity. Examples range from the artist Michelangelo and his countless anatomical drawings to saxophonist John Coltrane, who memorized and practiced every musical scale of both Western and Eastern cultures.

E-2- Project Benefits – Sustainable BroadBand Adoption

21. Innovative Approach to Sustainable Broadband Adoption

UC2B plans a qualitative leap into big broadband by taking the community of Urbana-Champaign as one integrated social system. It aims at 46 public computer centers while also involving a total of 137 critical social institutions that make up UC2B. In a town dominated by world-class, world-leading technology initiatives, the community-level digital divide can and will come to an end, based on a bold and comprehensive plan. That plan is UC2B.

Our innovation is:

1. UC2B will be a network of 46 public computer centers with local staff supported by 17 cybernavigators (teachers, helpers) and technical staff.
2. UC2B will cover 12 areas of social life: education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture and seniors.
3. UC2B will be sustainable, part of the local cyberinfrastructure.
4. UC2B will cover the spectrum from basic computing skills to high end multimedia production.

UC2B will harness the energy of the community to become uploaders, producers of digital content. Our first target is the cultural history of the vulnerable population which is also the voiceless in the digital age. The digital content of UC2B will gather and present the voices of the vulnerable populations, their stories in their words, images, and sounds.



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Our media capacity will enable us to create our own educational video segments on our entire curriculum and post these online for the public here and throughout the country. UC2B will extend Champaign-Urbana’s national leadership in community informatics.

Exemplary activities will include:

1. Big Broadband Sunday: staff will visit 25 churches each quarter to speak with people about UC2B and bear witness to our good works.
2. Monthly digitization projects: the Mad Lab will partner with community organizations to digitize key documents of their experience (text, photos, sound and video, film, and of course digital files) and build websites containing all this information.
3. UC2B will rely on active community guidance via a) its community advisory board, b) an independent organization of public computer centers, and c) regular community-based focus groups.

UC2B approaches the cities of Champaign and Urbana as a social system and not an aggregation of public computing centers or households. People move through many places in the course of a week or month. It is useful to have some level of transparency and articulation so that flash drives, software, hardware, and so on are relatively standardized and planned for optimal use by everyone. UC2B deals with several axes of social inequality that make for vulnerability (e.g., low incomes, minimal education, public housing, homelessness, women in distress), so we must maintain standards because a high level of literacy is our goal for all members of the community. UC2B is building a comprehensive program; that is the baseline for our innovative approach.

22. Sustainable Broadband Adoption Household Subscribers.

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

23. Sustainable Broadband Adoption Institutional Subscribers.

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

24. Sustainable Broadband Adoption Users of Public Access Facilities.



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

25. Sustainable Broadband Adoption Population Demographics.

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

26. Sustainable Broadband Adoption People Trained/Educated.

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

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

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

28. Sustainable Broadband Adoption Instructor Qualifications.

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

Senior staff resumes are attached. Other instructors include 17 cybernavigators, 5 Mad Lab workers, and 50 summer interns. Draft job announcements/hiring procedures are below.

a. Cybernavigators.

UC2B is hiring 17 half-time workers to help people use big-broadband-connected computers at community locations across Champaign-Urbana and in 12 sectors including education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture and seniors. Big broadband is new to C-U and you will be helping people do new things with it. You will work in a networked organization on a team that is constantly learning. You will be assigned to a set of public computing centers and one or more of the sectors listed above. You must be:

- * knowledgeable and willing to learn more about hardware, software, and new uses of IT
- * excited about educating others about these
- * familiar with one of the sectors above
- * able to move around town every week

Several years experience and/or a degree/coursework in computers and/or the helping professions is highly desirable. A skills/knowledge test is part of the interview. Tell us why we should hire you. Write/send your resume to jobs@uc2b...



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b. Mad Lab workers.

UC2B is hiring 5 full time staff, undergraduates or other capable individuals, to assist in its Mad Lab, opening May 2010 in Douglass Park, Champaign. Two kinds of positions will be filled:

1. reporting to the IT director, installing/maintaining workstations and other digital devices in existing/planned public computer centers serving low income, disabled, senior, or otherwise vulnerable populations and liaising with tech and user support at those centers;
2. reporting to the Digital/Cultural Production director, installing, operating, teaching and supporting people in using tools for a) creating/distributing sound, video, and other digital media/programming, b) digitizing content including paper, books, audio/videotape of all sizes, 3-D objects, and c) teleconferencing locally or globally.

We seek individuals who can perform on a diverse team and continue to learn. Programming and digital production skills are a plus. A skills/knowledge test is part of the interview. Tell us why we should hire you. Write/send your resume to jobs@uc2b...

c. Summer interns.

These individuals will be screened as they complete Big Broadband Spring / Intro. They will be interviewed in May by one or more cybernavigators, and, if approved, assigned in teams to carry out Institutional Transformation through Information Technology (IT-squared) with a partnering organization from one of the 12 sectors.

Cleaners will train by their example of expert meticulous workstation cleaning.

UC2B Above Ground will carry out vigorous internal education for staff. This will prevent an internal digital divide with UC2B Below Ground. All instructors listed above will attend weekly lectures of Big Broadband Spring / Intro.

29. Sustainable Broadband Adoption Equipment Purchased.



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

30. Sustainable Broadband Adoption Cost of Devices.

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

31. Sustainable Broadband Adoption Loan Program Participants.

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

Number of Households:

Number of Businesses:

Number of Institutions:

32. Sustainable Broadband Adoption Loan Cost to Borrower.

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

33. Sustainable Broadband Adoption Target Population, Awareness Campaign.

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

34. Sustainable Broadband Adoption Awareness Campaign Methods

We will be using a comprehensive approach to raising consciousness about big broadband, what it is, how people are using it, and best practices for people in the various sectors we are actively working in via our public computing centers. The general thrust of big broadband use will be conveyed in situation-specific projects. As a word of mouth, demonstration, local outreach/marketing campaign, the general idea is, "Here is what your neighbors are doing, maybe it's something you might be interested in as well."

As directed in the NOFA, UC2B will be targeting underserved areas, vulnerable populations, and critical social institutions (anchor institutions and public computer centers).

1. The 12 sectors we will be working with each have a community of organizations, key players, and mechanisms of communication and networking. The 12 sectors are: education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture and seniors. For each sector we will build a web portal with resources and FAQs that will be constructed by the staff of each relevant public computing center.

2. A major push during the first rollout of connectivity will be to have a Big Broadband Sunday during which volunteers will attend churches in our main areas served by the public computing centers, especially the target area for our FTTP project. They will have laptops and handout material to advertise the project, to discuss the importance of big broadband and how people



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are using it in the broader community. This is being arranged through the area wide Ministerial Alliance of Champaign County who have indicated the support for this project.

3. As an annual event we will be using the UC2B annual community conference as a major awareness moment and mobilization campaign. If each community computing center brings 10 people, and we mobilize our student base, as well as community members at large we will have an annual conference of at least 500 people. This is one in every 171 people in the two cities.

The program will include a report by the UC2B policy committee, annual review of service with all providers present, annual review of public computing centers, a computer fair and competition, a keynote address, sessions of formal papers, panels, and posters from scholars and students, and tours of public computing sites and university computer facilities, and a celebration of digital art and big broadband.

Part of our awareness campaign will involve the media.

1. There are several local newspapers that we will use as media outlets. A monthly column will be published by UC2B in order to publicize best practices in the public computing centers. This information will be culled from quarterly reports, and staff reports. This will be attempt to get a diversity of voices and experiences in front of the total community, both to celebrate success and to use best practices as stimulation for replication.

2. WILL, the local university affiliated education radio and TV station will be an active partner with UC2B. They have been documenting the big broadband activities and will continue to do so. They are the first public radio AM station in the US and has a great track record of public awareness for all kinds of information technology (<http://will.illinois.edu/>).

3. Each fall the course Big Broadband 101 (Intro) will be video taped and broadcast as a webinar. This will be a series enjoyed by the entire community and be a major contribution by the University of Illinois to awareness of big broadband, its history and how it will be used in the UC2B project.

Finally our project awareness campaign will be placed in the hands of the staff and participants.



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1. A major awareness tool will be a community wide Wiki designed to recruit community members to upload information about their lives and the aspects of the community they deem important like biographies of key people, entries on institutions and organizations, events and historical chronology,

2. All of the staff will be encouraged to use the social networking sites set up by UC2B, including Face book, My space, and Twitter. We will teach people about these tools and encourage them to build participation using them.

3. Our biggest effort will be our community outreach workers who will attend every community meeting to discuss big broadband and the UC2B programs.

A handbook on our network of public computing labs will be developed and shared with every technology program in all the schools, libraries, and the network of labs. This will include a directory of labs, curriculum and hours, and a map.

In each sector there will be special events to capture the imagination of people. A good example of this is virtual senior Bingo afternoon during which seniors throughout the community will be encouraged to join in. We will work closely with the senior community on designing this activity.

In addition we will work with a local artist to design a poster for UC2B that will be posted though out the community and in all the public computing spaces.

In all of this the UC2B logo, based on Frank Lloyd Wright iconography and suggesting UC2b's multiple fiber rings, will appear. We will be well branded on all of our material, including decals on all laptops. Some of us are already wearing shirts with the logo and attracting some attention.

35. Measuring Campaign Impact for Sustainable Broadband Adoption

UC2B will employ several methods to measure its impact and the subsequent increase in the number of people who adopt and use big broadband.

UC2B will use a new policy information tool called DEPR. DEPR (pronounced deeper) is the Data Engine for Policy and Research being implemented at the University of Illinois Graduate



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School of Library and Information Science. The DEPR team 1) works with programs to identify/harvest data that programs decide to collect in order to do their work, 2) combines that data with analytical tools (GIS, text mining, statistics, automatic report generation, visualizations), 3) provides that data+tools package back to program managers via a structured online interface, and 4) offers a researcher's analysis of that same data.

The UC2B research advisory board will ensure that this happens responsibly by establishing practices that protect the public in public computing centers just as libraries have established practices that protect patrons. What books you check out is private and protected by libraries, librarians, and laws. What websites you check out is not as protected, but UC2B thinks it should be. The public using UC2B will also be able to review/give input on the design and implementation of research. UC2B's evaluation research will follow rules the university already follows (IRB) and add new rules to fit new conditions.

Every public computer center will be a data source. Cybernavigators will turn in a log with their timesheets for trend data on activity in the 46 public computer centers and 12 sectors. These measures will be both quantitative and qualitative; cybernavigators embedded in their environments act as survey researchers and ethnographers.

UC2B will conduct 12 monthly focus groups each year covering each of the 12 sectors. This will help us understand people's attitudes towards big broadband in their lives and work activities.

Network management tools will generate summary workstation usage data. This will protect users privacy while allowing UC2B to measure progress towards optimum capacity and adjust our efforts. It will save staff the time it takes to manually measure usage. As above, UC2B will not monitor what people do on workstations.

UC2B will be helping many people set up email (gmail, yahoo, others) and will collect each person's email address by helping them write an email to the UC2B outreach worker. He/she will then use these emails to keep in touch with people and find out whether/how they are using big broadband so that we can follow up and adjust our programming.

UC2B's help desk at the Mad Lab will routinely ask three questions of each caller and record information in simple pre-coded categories:



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What is your problem?
What public computing center do you use?
How/when did you hear about UC2B?

Website traffic analysis will give us an indication of the response to any public initiative or event. Longitudinal data will show long term impact.

36. Sustainable Broadband Adoption Total Cost Per New Subscriber.

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

F. Project Viability

Technical Viability

37. Technology Strategy

37 - A. Public Computer Center Technology Strategy

The overarching technology strategy for UC2B Above Ground is to be comprehensive (45 centers), specialized (the Mad Lab), sociotechnical (using the human power promoting and supporting people using big broadband), and creative. This means that underserved areas and vulnerable populations will have:

1. technology that is stable and supported in their immediate environment;
2. the best specific tools for music/media, access (teleconferencing), and digitization available at a geographically and culturally central location;
3. information, education, tech support, and user support from a corps of trained and computer-savvy people who are rooted in the local culture of the 46 centers and the 12 sectors they represent (education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture and seniors); and
4. ground in the past, present and future creativity of big broadband adopters, especially people in underserved areas and vulnerable populations themselves. This is expressed in the UC2B



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brand, “You see to be.”

One example of this fourth aspect is that in the process of preparing the UC2B grant proposals, university staff took a fresh look at the historic problem of not being able to donate university equipment to nonprofit or in-need users. This persistent problem was addressed in a flurry of correspondence between local tech workers and state government officials; we now have a legal way to share these machines. It is a taste of what will be possible in the environment of the drive for broadband that the BTOP/BIP funding has energized.

More specifically on the equipment, peripherals and software tools themselves, UC2B Above Ground will rely on the following guidelines:

1. Our strategy with equipment and peripherals includes enabling a comprehensive range of text and multimedia uses and operating systems, stable over more than several years. A computer starts to become obsolete once it is shipped from the manufacturer; this strategy is to combat that by investing in more computing power than typical packages offer.
2. Maintenance will rely on face-to-face reimagining as needed, supplemented by extended warranties and collaboration with local staff at the public computer centers. Anything else is not possible given the multiple LANs the centers run on, and face to face facilitates sharing news and ideas, solving problems, and building community.
3. File storage for individuals will be minimized because of the confusion and cost it can generate, but external hard drives of all sizes will be encouraged and flash drives provided at cost. This will save a great deal of time and money, not only by saving filespace but also by minimizing authentication requirements and file archiving tasks.
4. Printing will be limited and, again, flashdrives will be plentiful. Printing has to be guided by local policies at each public computing center, but at the Mad Lab printing will be only within numerical limits and only by physically handing a flash drive to a member of the support staff. In many instances, flash drives are actually an alternative to printing, and an opportunity for storage space but also big broadband outreach when branded with the UC2B logo.
5. UC2B community webspace traffic will be managed by combining UC2B and Mad Lab resources with widely accepted commercial resources. For instance, the UC2B Mad Lab web



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server will serve the community listservs, podcasts, audio quicktime streams, blogs, static pages, and images, while people who wish to post video will be directed to Google Video, Youtube, and other such services, especially linked with UC2B “channels” at these sites.

These technology strategies and policies, and the updates that will be needed, will be part of UC2B Above Ground staff training and evaluation. They will also be inserted into the curriculum and support offered to underserved areas and vulnerable populations through the entire network of public computer centers.

37 - B. Sustainable Broadband Adoption Technology Strategy

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Organizational Capability

38. Management Team Resumes.

Please refer to upload section at the end of document.

39. Organizational Readiness

The lead agency for the Urbana-Champaign Big Broadband (UC2B) Consortium will be the University of Illinois at Urbana-Champaign. The community informatics program at the University of Illinois Graduate School of Library and Information Science provides the academic framework for the UC2B Above Ground (PCC and SBA) work. These faculty founded Prairienet in 1994, built up and documented the Murchison Community Technology Center in Toledo over 1997-2007, and carried out other work detailed elsewhere in this application. This experience is complemented by a strong local tradition of autonomous community technology/media initiatives. Champaign-Urbana Community Wireless Network is a world-renowned coalition of wireless developers and volunteers providing low-cost, do-it-yourself, community-controlled alternatives to contemporary broadband models. The Urbana Champaign Independent Media Center, one of the 46 public computer centers, operates a community radio station, performance space, media production and training facility, art gallery, and artist spaces.

Readiness comes from the UC2B application being part of ongoing local activities. A weekly digital divide discussion series was held in fall 2008 and will continue in fall 2009. All speakers are part of the extended professional network responsible for UC2B's application. This on-campus activity was united with a formal governmental process in the Broadband Access Committee, part of the two cities' Telecommunications Commission. The public coalition formed out of this process is the Champaign Urbana Open Access Coalition (cuopenaccess.org). This website was launched and is maintained by a GSLIS graduate student. Our community has highly skilled folks already working on this important historical transformation; they have joined forces to make UC2B hit the ground running.

For the construction phase of UC2B and for at least the first 5 years of operation, networking staff from the university will operate the backbone network and the WDM-PON equipment that will deliver services to end users. The campus network covers more than 1468 acres, connecting 300 plus buildings with mostly 1 Gbps links to a 10 Gbps backbone. The campus



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network utilizes more than 145 routers and another 1,200 layer 2 switches and provides wired and wireless service to 60,000 plus students, faculty, and staff utilizing more than 70,000 network devices.

The UC2B Infrastructure proposal, which is comprised of two layer 2 devices, four layer 3 devices, and eventually some 2,700 Optical Network Terminals, would be installed, configured, and maintained by the University WAN Networking team. The WAN team would also coordinate with potential providers to provision services across the UC2B infrastructure to corresponding subscribers. Customer care would be provided by the community help desk operating out of the Mad Lab, or by any given ISP providing service to their customers.

40. Organizational Chart.

Please refer to upload section at the end of document.

Community Involvement

41. Key Partners

Our list of partners is attached as supplemental material along with letters. At least 137 critical social institutions are involved in UC2B to date.

The Urbana-Champaign Big Broadband (UC2B) Consortium is itself a collaboration of three public entities (the University of Illinois at Urbana-Champaign, the City of Urbana and the City of Champaign) that have approved the attached Intergovernmental Agreement to form the Consortium. That intergovernmental agreement allows for additional entities to join in the future, and we expect Champaign County and the Village of Savoy to do so. The Consortium will manage the ongoing operations of the UC2B network with one of the three founding organizations always functioning as the lead agency. For the purposes of the BTOP grants, the lead agency is the University. For the UC2B infrastructure proposal, we desire as many private and public partners as possible. Metcalfe’s law states that the value of a telecommunications network is proportional to the square of the number of connected users of the system. We believe that is correct, and UC2B will always have low barriers for those who wish to connect. There are far too many partners to fit in the one-half page allotted for this answer. Many of the organizations that have already agreed to work with the UC2B team are represented in the



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attached letters of support, including women’s programs, senior centers, healthcare facilities, arts and education sites.

UC2B has connected with so far with 30-plus public computer centers and more continue to surface.

42. Partnering with Disadvantaged Businesses

UC2B’s small and disadvantaged business involvement takes three forms.

1. An agreement in principle to contract with a socially/economically disadvantaged small business to clean/sanitize the machines at all 46 public computer centers. This is important in the era of H1N1 flu. UC2B is proud to have found a business to take this on.
2. Relating to infrastructure and aided by UC2B’s entrepreneurship-building aspects, UC2B and interested individuals from the local disadvantaged population have mapped out a two-step business development plan. This is necessary because small business concerns as defined by section 8a of the SMA 15 USC paragraph 637 are not evident in our area. Step one includes union electrician training for members of underrepresented and disadvantaged populations. (See letter from Champaign Telephone Company for their commitment to conducting this training program.) Step two is to carry out business formation and planning among those trained individuals. This is part of our plans for the sequence of classes in big broadband entrepreneurship and for big broadband business incubation at the Mad Lab. The result will be a newly operational big-broadband-based small business as defined by section 8a of the SMA 15 USC paragraph 637.
3. UC2B will emphasize big broadband entrepreneurship opportunities that advance underrepresented groups in Champaign-Urbana.

Ability to Start Promptly & Timeline

43. Project Timeline and Challenges

A charted timeline is included in the supplemental documents uploaded with this application. The text below elaborates on that chart.



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The basic strategy for startup is to hire core staff in January, open the Mad Lab in May, and use the Mad Lab as operations center for a summer rollout of technology to the other 45 labs in summer.

To avoid the time and procedures required for permanent university hires, senior staff will be hired in visiting positions. The core staff will be trained in January. Cybernavigators will get additional training with and by senior staff and staff from the 45 centers.

The first quarter, January-March 2010, is startup.

Hiring. A committee of five people will be established to oversee hiring of the 31 non-summer employees.

Training. After hiring, the 31 non-summer-intern staff will be trained together and will tour all 45 facilities and several university computer labs and the university library. Cybernavigators will follow that training with a second training period of researching and creating guidebooks to the sectors across C-U that they will serve. Training of and with the 45 centers will follow, so that the centers and the UC2B staff all teach and learn from each other and can begin the process of standardization of curriculum with any necessary differentiation. Training will then happen annually so that all new staff are brought up to speed.

Broadband courses/internships/entrepreneurship. Begin the three course sequence with Broadband Spring / Intro 101, offered in spring 2010 (January-May). This course will recruit 50 students from the university, Parkland College, and area high schools. A basic survey, it will cover topics for the beginner and the advanced, a full review of broadband, what it is, what it enables, its history and its social implications.

Facilities: Opening Mad Lab, installing equipment across 45 centers. The Mad Lab will be installed and operational first as the staging ground for all other work. The 45 centers will only be installed (i.e., equipped with technology to bring it up to UC2B standard) after all the various staff have trained together, gotten to know each other, and begun to collaborate. Then estimating on average two centers a week, equipment and other items needed to standardize will be installed at the 45 centers. This will also involve necessary renovation to enlarge the Douglass Branch Library computer center.



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In second quarter, April-June 2010, core activities begin and continue. Annual events punctuate each year. Revenue from UC2B big broadband customers begins in year two, so the Above Ground project and its staff can continue past the BTOP funding.

After team building and review/revision of plans and division of labor, Summer 2010 is when full operations get underway.

As explained above, UC2B has a business model that will begin to provide a revenue stream as of the second year of the grant sufficient to maintain the project staff after the three years of NTIA funding has been exhausted.

During the second through 12th quarters, activities will fall roughly into three categories:

1. The three course sequence. The first course Big Broadband Spring / Intro 101 will be a comprehensive survey of basic issues concerning the background and plans for UC2B. These lectures will be videotaped and broadcast for the public. During the summer the second stage Big Broadband Summer / Internships 102 will focus on institutional transformation, including the installation of new workstations in the network of 46 public computer centers. And the final third stage Big Broadband Fall / Entrepreneurship 103 will involve the creative task of proposal development in competition for Big Broadband social entrepreneurship awards.
2. Support for the public computing network, technical support to centers, sectors and UC2B households, and training/education. UC2B staff will provide both technical service and teachers to support the program of the public computer center. The teachers will visit each center on a weekly basis and the technical team will visit monthly or as needed.
3. Cultural production of digital artifacts in the Mad Lab. We will be focusing on the cultural products that have an organic acceptance in the cultures of the communities we are serving. The making of music and video documentation will be emphasized, along with digitization and teleconferencing.

The following activities will take place on an annual basis:

1. UC2B annual conference. This will sum up and take stock of how UC2B is developing. All aspects of the project will be featured and all stakeholders will be asked to participate in



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discussions and decisionmaking.

2. UC2B handbook. This will cover all aspects of the project, including “how to” instructions for UC2B participants regarding use of the public computer centers as well as setting up and using big broadband at home.

3. Broadband summer internships (see above).

There are challenges:

An immediate challenge will be to get systematic data for monitoring results and creating quarterly reports. This is a critical challenge for every organizations serving underserved areas/vulnerable populations.

Another challenge is how we will service the computers in our network. This is a technical issue and also a social question, combining both technical and educational aspects of our staff. What is remarkable is that the technology is likely to allow the entire city to be one large LAN, making remote imaging and support possible.

As the economy struggles to get going, low income populations are going to cut back on expenditures. Even with UC2B’s low cost and fast speed, we will have to be creative and planful to maintain a steady rate of broadband adoption.

Safety and security of equipment will be a risk in such a diverse network of centers. We will lock down every workstation and share solutions between centers before problems arise.

44. Non-Infrastructure Projects - Licenses and Regulatory Approvals

45. Legal Opinion.

Please refer to upload section at the end of document.

G. Project Budget & Sustainability

Project Profile: Budget and Budget Narrative



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46. Budget Narrative

UC2B Above Ground comprises both Public Computer Center (PCC) work and Sustainable Broadband Adoption (SBA) work. The explanations below of each line in form 424A section 6 reflect the synergy between these two aspects.

But first, several aspects of the budget are important to note as necessary and appropriate.

1. Three-quarters of the \$5 million budget is dedicated to jobs and economic development. What this means is that \$3.77 million is paying salaries, benefits, and local business. What is more, these dollars are particularly aimed at local people, not university faculty/students, not out-of-towners:

- 41% of \$5 million will pay local hires
- 19% university hires
- 9% out-of-town hires
- 6% local contractors and entrepreneurs

75% for jobs and economic development

2. What is more, these jobs, contracts, and entrepreneurships are at all levels of skill and qualifications. So the saving/creating jobs goals of the broadband stimulus are met in this proposal.

3. The high-tech but even more high-touch aspects of generating new users and new uses of broadband are also met here. When the technology conditions are right, as they will be with UC2B, people recruit people to broadband.

4. Smaller in dollars but just as significant, the indirect or overhead charges on the \$5 million project are \$600,000, or 11%. Again, this is not a moment where the university is dollaring up in the name of the town. This was achieved by moving activities off campus into the underserved area and out of the university into local institutions.

To provide detail on the budget lines:

Personnel, line 6a, includes only the staff to be hired by the university. Individuals without



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bachelor's degrees who are not working on bachelor's degrees cannot be employed by the university for more than 900 hours a year. Such individuals will be hired by a subcontractor (see Contractual below) but will report according to the organizational chart without regard to the hiring organization.

The Director will be a University of Illinois faculty member working .5 FTE on UC2B during the 10-month academic year and full time during the two-month summer. Salary is split equally between PCC and SBA.

- The Partnerships Director salary is split equally between PCC and SBA.
- The IT Director salary is 100% PCC.
- The Education Director salary is 100% SBA.
- The Digital/Cultural Production Director salary is 100% SBA.
- The Administrative Assistant salary is split equally between PCC and SBA.
- Two Lab Assistant salaries are 100% SBA.
- Two 5 FTE Graduate Student Assistant salaries are split equally between PCC and SBA.
- Three .5 FTE Undergraduate Hourly Worker salaries are 100% PCC.
- 50 Summer Interns are 100% SBA.

Fringe benefits, line 6b, are paid to these individuals at current university rates.

Travel, line 6c, is for trips by directors to conferences to share information and learn, split between PCC and SBA.

Equipment, line 6d, is for capitalized equipment, split between PCC and SBA.



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Supplies, line 6e, is for expensed furniture and computer equipment, program supplies, and office supplies, split between PCC and SBA.

Contractual, line 6f, is for renovation of the Mad Lab and the Douglass Branch Library computer center (split between PCC and SBA); cleaning of workstations in the 46 centers (100% PCC), competitive entrepreneurship grants (100% SBA), and non-degreed staff. Non-degreed staff includes the 17 cybernavigator salaries (100% SBA) and one Outreach Worker salary (split equally between PCC and SBA).

Other, line 6h, is for occupancy of the Mad Lab (100% SBA), printing (split between PCC and SBA), tuition remission for the two graduate students (split between PCC and SBA), consultants from other successful projects who will be brought in to share and learn (100% PCC), and U of Illinois IT support to the Mad Lab and to 2.5 FTE individuals working on campus (split between PCC and SBA).

Indirect charges, line 6j, are calculated from rates that have been negotiated with the Office of Naval Research with an expiration date of 6/30/2011.

47. Non-Infrastructure Projects - Budget Reasonableness

One way to address budget reasonableness is by category of expenditure.

1. Salaries are in keeping with pay scales and human resource policy at a public university. This is true even for those staff who are contractual because the university cannot hire nondegreed individuals for more than 900 hours a year. The lower hourly wages paid are \$14 an hour with benefits, \$15 without, livable wages for this area.

2. Management: Each managerial staff is working with an appropriate scope of tasks and span of control, managing 50 summer interns; 17 half-time cybernavigators; or 2 or 3 lab workers/undergraduates. Seventeen cybernavigators will cover 45 centers (not the Mad Lab) for a minimum of 5 hours a week at each center, plus travel time, preparation, and administrative work. Forty-six public computer centers is an extensive network, but the amount of tech support staff (2.5 FTE, that is, three undergraduates and an IT director) is within typical range, especially considering that they are working alongside other tech support structures already at the centers.



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2. All equipment is costed and will be negotiated and purchased at very favorable educational pricing available to a large institution of higher education. The amount of equipment is designed to provide (1) big broadband connections that people will value because the access tools are exactly as needed for comprehensive and cutting-edge uses; and (2) staff productivity tools, particularly as most of the staff will be moving around the two cities as part of promoting and supporting big broadband use. Additional recent but recycled machines will be provided gratis and repurposed as home big broadband workstations.

3. Renovation costs are modest in keeping with community usage and other expenses are focused primarily on communications—whether it be travel to learn and share or printing and production to put out information and education about broadband usage.

A second way to address budget reasonableness is to look at the whole project’s “bang for the buck.” This is very hard to quantify when the project involves doing something new. The two cities and the university have weighed in with their \$2.4 million match to UC2B overall; the State of Illinois has contributed its \$3.5 million match to the Below Ground and bondable portions of UC2B. Over three years, UC2B Above Ground (PCC and SBA together) will spend \$5 million (\$3,950,000 from BTOP) to make the following transformations:

- * inform 23,750 people about the new opportunity of UC2B broadband
- * recruit 2500 new home big broadband users
- * transform the lives of 22,000 people through learning about and using big broadband in public computer centers
- * help move 137 critical institutions and 12 sectors serving vulnerable people to broadband ways of working
- * launch 30 big broadband entrepreneurs

A very, very simplified quantification of all these numbers would cost each transformation at less than \$100.

48. Demonstration of Financial Need

The financial projections attached to the UC2B Below Ground proposal (Middle Mile & Last Mile Infrastructure) show that the UC2B Consortium has an excellent chance of being



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sustainable. The sales projections are neither overly aggressive nor overly conservative, but there is not much room for additional expense.

Those projections would be completely under water if the Consortium had to cover debt service on the roughly \$24 million that UC2B is seeking in ARRA assistance for this project. There is no possible way that this project would be funded commercially with that level of debt on its books from day one.

While the university from time to time does things that are in the public interest, even though they may not benefit the institution’s bottom line, we have attached a letter (#1000 in our supplemental documents) from the Urbana campus’s Chief Budget Officer, Mike Andrechak, which confirms that were it not for federal assistance, the UC2B project could not be funded by the university.

The UC2B Above Ground work targets a population without resources to pay for private-sector or personal training and support with big broadband computing. This population can only obtain social spaces for learning and using big broadband tools by means of a broad collaboration such as UC2B.

The three UC2B proposals are perfect examples of projects that “but for” ARRA funding would not be implemented.

49. Historical Financial Statements.

Please refer to upload section at the end of document.

Project Profile: Long Term Sustainability

50. Sustainability.

51 - A. Public Computer Center Sustainability

UC2B’s approach to sustainability is to transform local social life and change public opinion. We have three goals: computer literacy across underserved areas and vulnerable populations (basic and advanced); institutional transformation across community anchor and grassroots organizations in 12 sectors serving underserved areas and vulnerable populations; and community informatics—an ongoing IT support infrastructure within the community. The



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UC2B mission is the building of cyberpower as the critical mechanism for democracy in the 21st century. UC2B approaches this holistically to impact individuals, social organizations, and popular consciousness.

The UC2B solution is bottom up and sustainable. It builds on numerous locally operated public computer centers and community anchor institutions and grassroots organizations. Resources can and will flow back into the project in five ways:

- a. agreed-upon fees from commercial big broadband sales;
- b. cash commitments by the two cities and the university;
- c. a share in any grant funding that may arise relating to use of the public computer centers for research, and a commitment to seek such funding;
- d. a portion of any revenue from cultural or entrepreneurial innovations and a competitive mechanism for encouraging such innovation; and
- e. a big broadband-transformed local culture and economy that will maintain its big broadband connections and uses.

UC2B Above Ground focuses on recruiting, training, and organizing cyberorganizers. A cyberorganizer is a community-level activist who represents the mission and activities of the organization in cyberspace, and uses this activity to build the membership, influence, and resources of the organization. UC2B will succeed if this position becomes a normal function for people in organizations to perform as an elected officer, just like secretary, treasurer, or chair.

UC2B will foster the creation of an independent organization of public computer centers to become the self-governing mechanism for cyberpower among vulnerable populations. In this way the big broadband-using community across the two cities will have checks and balances between major lead institutions (the university and the two cities), major community anchor institutions, and organized representatives of vulnerable populations.

The Ministerial Alliance has received a proposal to implement Big Broadband Sunday. In



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every tradition there has been a strong connection between reading and freedom, literacy and liberation. Big broadband tools are too powerful and important to be left solely to the market forces to deploy and Metcalfe’s Law (more users increases the value of a network) mandates that as many people as possible should get connected. UC2B can take this discussion deep into every cultural and religious tradition. Big broadband needs and warrants approval by the anchor institutions of the people that bring new creativity and social practices into the soul of the people.

51 - B. Sustainable Broadband Adoption Sustainability

UC2B’s approach to sustainability is to transform local social life and change public opinion. We have three goals: computer literacy across underserved areas and vulnerable populations (basic and advanced); institutional transformation across community anchor and grassroots organizations in 12 sectors serving underserved areas and vulnerable populations; and community informatics—an ongoing IT support infrastructure within the community. The UC2B mission is the building of cyberpower as the critical mechanism for democracy in the 21st century. UC2B approaches this holistically to impact individuals, social organizations, and popular consciousness.

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Project Profile: Outside Leverage

51. Matching Funds.

Please refer to upload section at the end of document.

52. Unjust Enrichment

We are not receiving nor have we requested any federal support for nonrecurring costs associated with any of the three UC2B proposals.

53. Disclosure of Federal and/or State Funding Sources

\$50 million of the 2009 Illinois Capital Bill has been reserved for grants to help with stimulus-funded broadband project match dollars. The three-part UC2B proposal (Infrastructure, Public Computer Center, and Sustainable Broadband Adoption, or as we call



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them, Above and Below Ground) has received \$3.5 million in state funds, applied to bondable expenditures by the project, which are all in the infrastructure proposal.

54. Buy American.

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

No

Buy American Waiver Request Explanation

H. DOC Environmental Checklist

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

I. Compliance and Certification

56. Certification and signature.

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

J. Uploads

In order to improve system performance and help ensure that all applicants are able to complete their applications by the deadline, we have changed the way your application PDF is created. This PDF contains all of the information you entered throughout the Easygrants data entry screens. PDF copies of all documents that have been uploaded can be viewed and printed separately from the **Main page of the application after you submit**. These will continue to be available to you in read-only format after your application has been submitted.



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Instructions

Project Information

Program: Broadband Non-Infrastructure Programs
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption
Funding Cycle: Summer 2009 Public Computer Centers and Sustainable Broadband Adoption

Public Computer Center Capacity

Add

Public Computer Center	Address Line 1	Address Line 2	City	State	Zip	Options
A Womans Place IT Center	1304 E Main St		Urbana	IL	61802	Edit Delete
Bethel Church	401 East Park		Champaign	IL	61820	Edit Delete
Boys and Girls Club	201 East Park		Champaign	IL	61820	Edit Delete
Canaan Church	404 West Main		Urbana	IL	61801	Edit Delete
Canterbury Ridge	1706 East Amber		Urbana	IL	61802	Edit Delete
Catholic Worker House	317 South Randolph		Champaign	IL	61820	Edit Delete
Champaign County Nursing Home	1701 East Main		Urbana	IL	61802	Edit Delete
Champaign Public Library	200 West Green		Champaign	IL	61820	Edit Delete
Church of the Brethren	1210 N Neil St		Champaign	IL	61820	Edit Delete
Clark Lindsey Village	101 W Windsor Road		Urbana	IL	61802	Edit Delete
CU Public Health	201 W. Kenyon Rd		Champaign	IL	61820	Edit Delete
Developmental Services Center	1304 West Bradley Ave		Champaign	IL	61821	Edit Delete
Douglas Branch Library	504 East Grove		Champaign	IL	61820	Edit Delete
Edge of Mall Senior Residence	109 W Illinois St		Urbana	IL	61801	Edit Delete
Florida House	1502 East Florida		Urbana	IL	61802	Edit Delete

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Public Computer Center Capacity

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FAQ

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HACC Dorsey Homes	1100 Dorsey Dr	Champaign	IL	61821	Edit	Delete
Head Start	809 North Neil	Champaign	IL	61822	Edit	Delete
Inman Plaza	17 East University	Champaign	IL	61820	Edit	Delete
Mad Lab	804 N 5th St	Champaign	IL	61820	Edit	Delete
Parkland on Mattis Digital Divide CTC	1307 N. Mattis	Champaign	IL	61821	Edit	Delete
Prairie Winds of Urbana	1905 E Prairie Winds Ave	Urbana	IL	61802	Edit	Delete
Restoration Urban Ministries	1213 Parkland Court	Champaign	IL	61821	Edit	Delete
Round Barn Manor	2000 W John St	Champaign	IL	61821	Edit	Delete
Salem Church	500 East Park Street	Champaign	IL	61820	Edit	Delete
Sunny Crest Manor	1805 S Cottage Grove Ave	Urbana	IL	61801	Edit	Delete
The Center for Women in Transition	508 E Church Street	Champaign	IL	61820	Edit	Delete
The Urbana Free Library	210 West Green Street	Urbana	IL	61801	Edit	Delete
TIMES Men's Emergency Shelter	70 East Washington St	Champaign	IL	61820	Edit	Delete
Urbana Adult Education	211 N. Race Street	Urbana	IL	61801	Edit	Delete
Urbana-Champaign Independent Media Center	202 South Broadway	Urbana	IL	61801	Edit	Delete
Windsor of Savoy	401 Burwash Ave	Savoy	IL	61874	Edit	Delete
Youth Detention Center	400 S. Art Bartell Rd	Urbana	IL	61802	Edit	Delete

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