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Project Name: 9th & Berks

Recipient: City of Philadelphia 1515 Arch St, 13th Floor, Philadelphia, PA 19102

Amount Requested: \$ 2 million

Purpose: The project at 9th & Berks will be a dynamic mixed-use, transit oriented, LEED certified development. The project will serve the diverse needs of the surrounding neighborhood including faculty, staff and student housing for Temple, affordable housing, retail and a computer jobs training center.

Project Name: A Modern Approach to Drug Safety: Critical Path Public-Private Partnerships

Recipient: University of Pennsylvania School of Medicine 3620 Hamilton Walk Philadelphia, PA 19104-6055

Amount Requested: \$25 million

Purpose: A recent report by a subcommittee of the FDA Science Board, involving 20 extramural experts, FDA Science and Mission at Risk, concluded that the FDA cannot fulfill its mission because its scientific base has eroded and that this circumstance has adversely impacted the development of new drug therapies and the confidence of the public in the safety of those medicines. To address these findings, the University of Pennsylvania School of Medicine (Penn Medicine) requests \$25 million for competitive extramural research activities authorized to implement the Critical Path Public-Private Partnerships authorized by section 603 of the Food and Drug Administration Act Amendments of 2007 (Public Law 110-85). Should Penn win funds from this competitive program, they would: (1) undertake research to develop research tools to hasten the development of safer, more useful drugs targeted at individuals rather than populations while helping to increase the speed of FDA approval of these new therapies at a significantly reduced cost; and (2) enable the expansion of the quality and quantity of professionals trained in the emerging field of translational medicine and therapeutics.

Project Name: Accent on Dance

Recipient: Pennsylvania Ballet Association 819 JFK Boulevard Suite 210 Philadelphia, PA 19103

Amount Requested: \$500,000

Purpose: *Accent on Dance's* continuum of activities brings children to the theater, takes pre-professional dancers into the schools to offer youngsters an interactive experience with classical dance, and offers in-school and after-school programs. The Ballet strives

to enrich and expand the cultural lives of children and adults by educating citizens about and through the art of ballet. Approximately 14,000 area students, ages six to 18, throughout the school year will benefit culturally and academically from attending performances at the Academy of Music and Merriam Theater while also participating in interactive demonstrations of ballet in their schools and workshops in which they learn and perform choreography. Funding will also help underwrite The Delphi Project, a unique after-school program for three Philadelphia middle schools, Happy Feet, a program sponsored by PNC Bank that serves pre-school children, and lecture demonstrations and performances by Pennsylvania Ballet II. Many of these activities are supplemented by educational materials that teachers use in the classroom to integrate ballet into the curriculum.

Project Name: Algae/Soybean composite production plant

Recipient: Bard Holding Inc. 167 Bridge Street, Philadelphia, PA, 19124

Amount Requested: \$4 million

Purpose: Biofuel Advance Research and Development, LLC. (BARD) is building the first full composite plant in the northeast region of the United States. The facility will have a 60M-gallon biodiesel production plant, 66M-gallon soy solvent extraction plant and a 66M-gallon algae cultivation, harvesting and extraction plant. Soybeans and algae will be used with an established multi-feedstock technology. Our teams of experts have been diligently working for over 2 years to our teams of experts have been diligently working for over 2 years to capitalize on the global opportunities in the alternative energy market by producing a permanent renewable solution to the energy crisis with our proprietary Algae technology. The promoters have to date invested \$5,053,000 into BARD's development. This includes engineering fees, securing of permits, down payments on equipment and land, and general operating expenses since inception. This project will create hundreds of well paying (640 jobs) construction and permanent jobs in Pennsylvania and encourage economic development, by expanding job training opportunities for Pennsylvania workers. This project will help reduce our nation's dependence on foreign oil.

Project Name: All Wheel Drive Motorcycle Manufacturing

Recipient: Christini Technologies, Inc. 421 N. 7th St. Suite 200 Philadelphia, PA 19123

Amount Requested: \$1 million

Purpose: Our company, Christini Technologies, Inc. has designed, developed and manufactures All Wheel Drive motorcycles here in Philadelphia. We are the only manufacturer of this technology worldwide, and one of the only US motorcycle fabricators for Off Road Motorcycles.

We have been successfully testing our AWD motorcycles with various Special Forces groups inside the military for two years. We expect to be awarded a contract to supply much (if not most) of the special forces with AWD Motorcycles and are requesting assistance to increase our staff, manufacturing employees, expand our manufacturing facility, and continue designing and perfecting new technologies requested by the military for these vehicles. Including Green Electric and High Efficiency Diesel.

Project Name: Arden for All

Recipient: Arden Theatre Company, 40 N. 2nd Street, Philadelphia, PA 19106

Amount Requested: \$25,000

Purpose: Funding will be used for Arden for All, Arden Theatre Company's educational outreach and classroom residency program for elementary school age students from Title 1 schools in Greater Philadelphia, Pennsylvania. Please see attachment for additional information.

Project Name: Art Education Program

Recipient: The Lincoln Financial Mural Arts Center at the Thomas Eakins House, 1727-29 Mount Vernon St., Philadelphia, PA 19130

Amount Requested: \$735,425

Purpose: For over 25 years, the Mural Arts Program's (MAP) innovative community mural-making initiatives have created nearly 3,000 murals, transforming public spaces and individual lives, while providing over 20,000 underserved and at risk youth in Philadelphia access to art education. MAP's award winning Art Education programs annually provide 1500 severely at-risk and truant Philadelphia youth access to quality art education, youth development experiences, mentoring, community organizing skills, and leadership skills. MAP's mural making is a platform for creative expression, forging new social connections, developing teamwork, and the opportunity to make positive contributions to city neighborhoods in need of safe spaces, visual improvements, and positive landmarks. The Art Education Partnership would bring those benefits to the youth and schools most in need and transform their bleak learning environments into bright and inspiring spaces that inspire school pride and have a positive impact on student behavior.

Project Name: Asian Arts Initiative Multi-Tenant Arts Facility

Recipient: Asian Arts Initiative 1219 Vine Street Philadelphia, PA 19107

Amount Requested: \$750,000

Purpose: Anchored at 12th and Vine Streets in Chinatown, the Asian Arts Initiative's multi-tenant arts facility will offer opportunities for creating and viewing art, and exchanging ideas and dialogue between and among individual artists, arts organizations, local youth and neighborhood residents, and the greater Philadelphia community. Incorporating individual artists studios and office and program space—including room for workshops and meetings, gallery and exhibition areas, and a black box-style theater—the facility will serve as a “lab” exploring the intersections of contemporary art-making and community building, and furthering the vision of Philadelphia as a vibrant and creative city.

The project will create economically sustainable work spaces and jobs for dozens of artists and contribute to the local tax base. The building will also be part of the revitalization of Vine Street as an important civic corridor in the Chinatown neighborhood.

Project Name: Assured Communications for Situation Awareness Tools

Recipient: Drakontas LLC 115 East Glenside Avenue, Glenside PA 19038

Amount Requested: \$2.96 million

Purpose: The proposed project will fund enhancements to situation awareness software designed for the warfighter and first responder communities. The enhancements will allow users to overcome gaps in wireless network coverage, such as those in dense urban centers or rural communities. The team proposes to work in collaboration with US Army Armament Research, Development and Engineering Center (ARDEC), the Pennsylvania National Guard and first responders in York County, PA to develop, trial and deploy this new communications infrastructure.

The Department of Defense has invested billions of dollars in systems that help provide a common operating picture, such as georeferenced location on maps via GPS, situation reports containing images and video, tracking and targeting data, and other pieces of information needed to orient the user to the task at hand. In areas where network coverage is limited or irregular, the performance of these software packages can degrade to the point where the information provided is of limited use.

We can overcome this challenge by combining new communication devices and adaptive software that allows for the more flexible selection and utilization of available wireless networks (e.g., commercial wireless data, 802.11, satellite data and RF networks). We propose to develop a communications framework with three primary components: 1) a network-aware component that monitors the availability of certain network resources that a situation awareness application may need, 2) a network transition component that seamlessly selects networks with minimal or no user intervention, and 3) an application adaptation module that manages situation awareness information elements and quality of experience based on network conditions. By combining the communications framework we propose to build with these next generation communication devices, users will have continuous access to situation awareness tools and mission critical information.

Project Name: Barry Recreation Center

Recipient: City of Philadelphia 1401 JFK Blvd Suite 1000 Philadelphia, PA 19102

Amount Requested: \$200,000

Purpose: Appropriations funding would fund the inclusion of a geothermal heating and cooling system as an add-on to the mechanical replacement project. This investment would not only improve energy efficiency, but would also protect the equipment; a compressor for a typical cooling systems sits on the roof or ground and are often vandalized and de-constructed for their copper elements. Geo thermal allows us to efficiently cool the building without adding the typical compressor system. To compliment the energy efficiency project components, the Water Department is also looking into replacing basketball courts with porous paving and a water detention field below the courts. Perimeter work may also be included for increased water detention on the site.

Project Name: BenePhilly Enrollment Center

Recipient: Benefits Data Trust, 2 Logan Square Suite 550, Philadelphia, PA 19103

Amount Requested: \$500,000

Purpose: Benefits Data Trust (BDT) is a nonprofit committed to helping low income

seniors gain access to public benefits. Our innovative outreach and application model uses list strategies, direct mail and call center technologies to locate, contact and apply limited-income seniors for state and federal benefits.

The development of the BenePhilly Enrollment Center has been a unique opportunity to help limited-income seniors (65 and over) in Philadelphia gain access to multiple benefits at one-time. To date, BenePhilly has completed more than 10,000 benefit applications on behalf of older Philadelphians.

Despite our efforts there are remain more than 100,000 seniors in Philadelphia and Delaware County who are likely eligible but not receiving valuable benefit programs. Multiple state and federally-funded benefit programs exist to help limited-income residents in our community cover the cost of energy (LIHEAP), healthcare (PACE/PACENET and Medicare Low-Income Subsidy – LIS), food (SNAP) and Shelter (Property Tax/Rent Rebate).

Increased enrollment in these programs will:

- Improve the overall health and quality of life for seniors allowing them to remain as independent as possible;
- Help older Pennsylvania residents reach and maintain economic security; and
- Stimulate our local economy

Project Name: BPSOS Asian Youth Anti-Violence and Leadership Program

Recipient: Boat People SOS, Inc. (BPSOS) 600 Washington Avenue, Philadelphia, PA, 19147

Amount Requested: \$130,000

Purpose: The Asian Youth Anti-Violence and Leadership Program will work alongside the South Philadelphia Asian Student Advocates (SASA) coalition partners - to empower youth to become leaders among their peers, to improve school safety, and to bridge cultural gaps among youth and community members across various ethnic groups in South Philadelphia. In our community, newly arrived immigrant youth face language barriers, violent and culturally ill-equipped schools, and ethnic intimidation. School officials were complacent until December 2009, when youth boycotted their school after attacks targeted 30 Asian students, 13 of whom were hospitalized. During this crisis, BPSOS and our partners responded as advocates and translators and provided students and their families with emergency support. Our goal is to encourage a safe learning environment, and create culturally and linguistically relevant support systems. Requested funds will support the salaries of two new staff positions and programs in South Philadelphia that will bridge cultural gaps, reduce violence by changing the school environment, and drive the direction of our SASA coalition. Funds will continue this important work with the school and support a bilingual Youth Advocate and Youth Coordinator. We will also continue to build and expand the following programs for youth: weekly workshops on non-violence and leadership skills, an intensive summer program, and a back-to-school “PeacePledge” community outreach event.

Project Name: Bridge-to-Opportunity Project

Recipient: Philadelphia Opportunities Industrialization Center, Inc. (OIC) 1231 North

Broad Street Philadelphia, PA 19122

Amount Requested: \$129,214

Purpose: The focus of this proposal is to expand the educational services of our Learning Opportunities Centers (LOC). Currently, OIC services over 300 adult learners through Adult Basic Education and fast track GED test preparation. These services will continue as a foundation for our new services which is a college preparation program. OIC is acutely aware that an associate or 4-year degree has become the basic credential for job/career acquisition. The expanded program would target full-time, part-time, and under-employed /low-to-medium skilled workers. The main goal is to create a pathway for adults that increases their basic literacy and numeracy skills and further prepares them for enrollment in a post-secondary education program, with the Community College of Philadelphia being the primary focus. And due to the growing need in Philadelphia, workforce soft-skills training would be inclusive in both the basic and college preparation focus.

This evening program time would offer many adult learners from Philadelphia a convenient time & Metro-accessible location to continue and/or advance their educational pursuits' in a Blended Learning mode, which includes traditional and technology-based learning components (such as online lessons and distance learning assignment).

Project Name: Bridges Community Center and Transitional Housing Project

Recipient: Bridges Community Development Corporation 6709 Ogontz Ave.
Philadelphia, PA 19126-2639

Amount Requested: \$600,000

Purpose: Bridges Community Development Corporation has assisted low income residents in their community for many years. Currently, we operate a day care center and have recently acquired the building next to the day care site to renovate. We intend to expand the current day care facility and construct transitional housing for hospital patients released from hospital care but unable to care for themselves at their home because of living alone or other factors. Bridges Community Development Corporation has purchased the site beside their existing facility and is in need of funding to renovate the site in order to assist these low income families. The organization has acquired a letter of interest for a referral system from the local hospital to their site. Medical care will not be given to the residents by the organization but food, housing, transportation to medical appointments and overall support will be given to the residents during their period of recovery. The approximate time frame for a resident would not exceed 30 days in most cases however each individual will have their own determining factors.

This site renovation is imperative to meet the needs of the community. This service is not provided due to strict insurance regulations the hospitals need to follow. The renovations on the site could be completed within 180 days and operation of the site would begin immediately thereafter. An amount of \$600,000 for the infrastructure and site preparation. Furnishings for the site are being requested through private foundation resources. Staff allowances will be covered through the income from the referral system but we are anticipating only 3 staff members will be necessary to operate effectively

Project Name: Broad Street Causeway and Streetscape/Utility Replacement

Recipient: Philadelphia Authority for Industrial Development (PAID) 2600 Centre Square West 1500 Market Street Philadelphia, PA 19102

Amount Requested: \$5 million

Purpose: Broad Street is the main access to The Navy Yard. An approximately 800 foot portion of the street is built on a timber deck which is over 100 years old. Recent tests have indicated that portions of the structure are severely deteriorated and need complete replacement. One lane of traffic has already needed to be closed due to the weight limits necessitated by this condition. If Broad Street were to be completely closed, it would drastically reduce access to all Navy Yard occupants. This would severely impact the 7,000 current civilian and military employees as well as limit redevelopment opportunities at The Navy Yard.

Funding would be used for engineering design and relocation of utilities (electric, water, gas) that are currently supported by the structure.

Project Name: Bus Fare Collection System Modernization

Recipient: Southeastern Pennsylvania Transportation Authority (SEPTA) 1234 Market Street, 9th Floor, Philadelphia, PA 19107

Amount Requested: \$10 million

Purpose: The goal of this project is to create an electronic fare payment and fare collection system that enables SEPTA riders to access all transit services through a common electronic fare media. SEPTA's objective is to apply a consistent design philosophy and utilize compatible software across all transit modes, including bus, rubber tire trolley buses, subway, light rail, commuter rail, and paratransit service. Bus fareboxes are utilized on SEPTA's bus and rubber tire trolley bus fleet that serve routes in Bucks, Chester, Delaware, and Montgomery Counties and the City of Philadelphia. The electronic fare payment system will feature an open payment system, including contactless "smart card" technology for SEPTA's bus and rubber tire trolley bus fleet. The system will be secure, reliable, convenient and customer-friendly for passengers. This technology will provide continuous ridership data and complete and accurate revenue accountability for SEPTA.

Project Name: Career Development and Interview Preparation

Recipient: MenzFit 340 North 12th Street, Suite 210 ~ Philadelphia, PA 19107

Amount Requested: \$250,000

Purpose: Funding will continue to create jobs and prepare low-income men with barriers to employment for an increasingly competitive workforce in Philadelphia, PA through our Career Development and Interview Preparation program. MenzFit is taking an active yet innovative role in helping men make positive and lasting changes in their lives. With our steady campaigns, generous donors and gently worn clothing, MenzFit has been able to assist more than 400 men in Philadelphia, PA, of which 47% remain employed since opening in June 2007.

Project Name: Cathedral Learning Center/Motivational Achievement Program

Recipient: Southwest Multiplex Community Plaza Inc. 6400 Haverford Avenue,

Philadelphia, Pennsylvania 19151

Amount Requested: \$500,000

Purpose: Since 1998, the Motivational Achievement Program and Cathedral Learning Center have been serving the community with cultural and educational enrichment. The program uses creative curriculums and activities designed to empower local youth by providing them academic assistance through caring adults in a caring environment. The program also promotes the development of social skills offering conflict resolution strategies to aid in the reduction of youth violence. This program currently serve upwards to 75 school aged children daily and transforms into the Techno Arts Summer Camp. In addition, The Cathedral Learning Center (CLC) was formed to address the needs of children ages 1-5 to prepare them for success in school. The program is hosted in a nurturing environment and emphasizes promoting self esteem and achievement in young children with the "I Can Read" Program. CLC becomes the enjoyable Kiddie Kamp during the summer months.

The project which we are seeking funding is for expansion with the "Cradle to College"-based programming that would inspire additional youth mentally, physically, and socially through evidence-based creative curriculum that would motivate youth toward productivity in society. By using the "Progress Around The Schools" collaborative partnership model, this project would provide anti-violence prevention/intervention activities as well as student incentives that effectively reaches more children in our community with these much needed services. This model relies on the support and collaboration between schools, parents, elected officials, law enforcement, faith-based and community organizations.

Project Name: CBU/CEM Demil

Recipient: Day & Zimmermann Inc. 1500 Spring Garden Philadelphia PA 19130

Amount Requested: \$2.6 million

Purpose: The budget request is insufficient to fund a safe and environmentally responsible recycling process at the Western Area Demilitarization Facility at the Hawthorne Army Depot, Hawthorne, Nevada for the demilitarization of several thousand tons of Cluster Bomb Units (CBUs), and Combined Effects Munitions (CEMs). A process should be developed to remotely open the munitions body and remove and demil the bomblets. After the process has been identified and the specifications for the procedures and equipment developed, the equipment will be designed, fabricated, installed and the process tested. The Congress supported this program by funding an initial \$800,000 in 2009 (FY10).

Project Name: Chester Community Physical Therapy Clinic

Recipient: Widener University One University Place, Chester, PA 19013

Amount Requested: \$288,390

Purpose: This request will provide for the expanded Clinic operating hours from two to four nights a week with one night being devoted to pediatric clients. Expanded hours and supervising personnel will allow for approximately thirty client visits per week in addition to allowing more second- and third-year students to work in the Clinic. The Clinic will serve the broader community with physical therapy services in combination

with the University's health and wellness education to address the health disparities. It serves patients who are often times denied care from local physical therapy clinics due to their uninsured status or exhausted insurance benefits.

Project Name: Child Sexual Abuse Prevention: An Orientation and Protocol Program for Communities, Childcare and After-School Providers

Recipient: The Joseph J Peters Institute 1700 S. Broad Street, Suite 1700 Philadelphia, PA 19119

Amount Requested: \$260,000

Purpose: This project will create an orientation program and a centerpiece protocol procedure for parents of young children and child care providers around the issue of child sexual abuse and its prevention. We will partner with parents and providers of children's services to build their capacities to identify, create and support healthy boundaries and social dynamic.

Project Name: City Avenue Revitalization Project

Recipient: City Avenue Special Services District 1 Belmont Avenue, Suite 304 Bala Cynwyd, PA 19004

Amount Requested: \$4 million

Purpose: This project includes the creation of a Zoning Overlay and Streetscape and Safety Capital Improvements. Streetscape and Safety improvements included in this project are: new pedestrian scale lighting; pedestrian safety improvements such as coordinated signalization and refuges in street medians; traffic calming devices; and the "greening" of streets, medians and sidewalks. Project benefits will include: traffic congestion mitigation, reduced Carbon Dioxide emissions, and improvements in pedestrian safety, streetscapes, traffic safety and development potential.

The mission of the City Avenue Special Services District is to engage property owners, business, tenants and other stakeholders to retain and improve the economic and real estate vitality of the City Avenue area so that it can successfully compete as an attractive location in which to live, work, shop, visit, receive health care services, and study.

Project Name: City Hall Station Renovations

Recipient: Southeastern Pennsylvania Transportation Authority (SEPTA) 1234 Market Street, 9th Floor, Philadelphia, PA 19107

Amount Requested: \$10 million

Purpose: In conjunction with the Center City District's proposed renovation of Dilworth Plaza, SEPTA will perform an early action phase of its City Hall Station Renovation project, including elevators, signage, inter-station corridors, waterproofing, and ventilation improvements. Dilworth Plaza, located on the west side of City Hall, provides access to the Broad Street Subway, Market-Frankford Subway Elevated, 13 Regional Rail lines, and several SEPTA bus routes in close proximity to this site. Constructed in the 1970s, its complexity of changing levels and arcades, while popular then, now functions as an inaccessible plaza made up of a maze of confusing passageways and overgrown trees. Reconstructing the entrances and connections at Dilworth Plaza will create a major portal to Philadelphia's multi-modal transit system. Under a separate project, the Center City District plans to renovate Dilworth Plaza.

Project Name: Clinical Trials for Cancer Detection and Monitoring Using TSf, a Novel Plasma Marker

Recipient: W2 Holdings, Inc. The Widener Building 1339 Chestnut St, Suite 500 Philadelphia, PA 19107

Amount Requested: \$7,368,600

Purpose: The purpose of this request is to mitigate impact on military readiness of invasive cancer screenings and late diagnosis through the development of a technology to diagnose most of the most prevalent cancers, utilizing a relatively inexpensive and noninvasive blood test. This will be achieved by conducting clinical trials for effectiveness in detecting breast, pancreatic, and prostate cancers.

For example, breast cancer strikes one in eight women in her lifetime, and there is a documented change in breast cancer incidence in recent years, such that breast cancer is being detected and diagnosed more often in younger women under the age of 50, and the same is true in our military members. In the same way that diagnostic and therapeutic efforts through the military and US Army are carried out in infectious disease care and research, e.g. Malaria, Typhoid, etc., so too must the military address the effects of the scourge of breast cancer and breast diseases on the 20% of total active duty force who are women. The benefit of this request is that it will provide an early detection remedy for women in this most curable stage of disease. We expect to realize proportional benefits for men and women in the other cancers studied.

Request for FY11 will be used to conduct necessary preparation, optimization, and manufacture of reagents for assay and technical and clinical development and validation (three cycles); and establish method and develop SOP's for the sample collection & processing techniques. The prospective clinical trials would use medical standards for Study Development, Analytical Evaluations, and Clinical Trial Management for each of the three proposed cancers (breast, pancreatic and prostate), leading to FDA approval and hence availability of this test to healthcare providers and patients. The benefit of this project is that it will develop a non-invasive blood test that has the ability to detect solid tumors (prostate, breast, pancreatic, colon and lung) cancers at an early stage, at a lower cost than current screening methods, with low false positive and low false negative results. In short, the test is accurate and inexpensive, unlike existing tests. The test could be used for women under 40 to greatly benefit military women.

Project Name: Combating Terrorism: value-added application of effective measurement and financial efficiency associated with terrorism and counter-terrorism risks, hazards and vulnerabilities.

Recipient: Foreign Policy Research Institute 1528 Walnut Street, Suite 610, Philadelphia, PA 19102

Amount Requested: \$3.5 million

Purpose: DoD would be provided with four products:

a) A comprehensive integrated procedure for risk assessment and resource allocation in combating terrorism, especially critical economic infrastructure relating to DoD. This procedure, known as the Value Added Method (VAM), will be taken a step further

through the development of a Security Impact Statement (SIS) that will lay out comparative risks and costs at a given installation.

b) A continuing seminar series that assesses the terrorist threat a decade after 9/11 and our ability to meet it, especially the adequacy of American military forces in dealing with a mix of irregular and asymmetric warfare. These seminars will draw upon both civilian and military experts, establishing a network of analysts. Papers will be prepared ahead of the discussions and the results will be widely disseminated.

c) A conference, building on the seminars, designed to evaluate American readiness and capabilities. The meeting will draw upon the “critical mass,” or network of seminar participants, while adding others to the mix. We hope to focus on the critical decisions facing DoD in the sizing of its forces, its mix of regular and special forces, the challenge of failing states, and such new theaters as cyber warfare. The conference will develop policy suggestions.

d) An educational program focused on American high school teachers to improve their understanding of terrorism and the U.S. military’s role in dealing with it. This will build on FPRI’s history institute program which has a nationwide participation from public, private, and parochial schools.

Project Name: Community Health Data Base

Recipient: Public Health Management Corporation 260 S. Broad Street, Suite 1800, Philadelphia, PA 19102

Amount Requested: \$100,000

Purpose: The Community Health Data Base (CHDB) collects data on the population's health and wellbeing, utilization of services and barriers to care. The CHDB provides data collected to a network of over 350 government, healthcare and social service partners, helping to ensure that local policies and programs address actual local community needs. Since 1983, organizations in Pennsylvania have used these data to anticipate need, refine services, and plan programs.

The labor conditions and employment settings of many of the state’s economic regions have a significant impact on health outcomes. It is the responsibility of local agencies to provide targeted, effective support services to community members who work in diverse sectors, from agricultural to manufacturing to mining. In order to meet this responsibility, local government agencies, health and social service providers must have sufficient data about the physical and mental health needs of the populations they serve. In Pennsylvania, no resource exists to provide rich, local data on the wellbeing of the region’s residents as it relates to labor concerns. State and county level data provide insufficient detail to inform organizations working to improve the health of residents about the communities they serve.

PHMC’s Community Health Data Base collects health and wellbeing data through its Household Health Survey, which has been fielded in nine Pennsylvania counties (Berks, Bucks, Centre, Chester, Delaware, Lancaster, Montgomery, Philadelphia, and Schuylkill). Questions about employment status, occupation, labor related health concerns and workplace safety will provide a new, necessary data resource to the region’s providers, ensuring that local services truly meet the needs of Pennsylvania’s residents.

The inclusion of questions about labor and employment will create a unique resource for examining health status, health behaviors and access to care for vulnerable populations. Providers can use the information to target and improve their services and care for local communities.

Project Name: Community-based Wellness Programming to Support Older Adults Managing Chronic Disease

Recipient: Jewish Family and Children's Service of Greater Philadelphia 2100 Arch St, 5th Fl. Philadelphia, PA 19103

Amount Requested: \$250,000

Purpose: Funding will be used to create and test new components to social work practice and community Wellness/Aging support programs to help older adults manage diabetes and heart disease at home. Jewish Family and Children's Service (JFCS) Senior Services will use consultant health professionals to develop care management protocols and instruct social workers to assist older adults to manage diabetes or heart disease. Protocols will incorporate health care regimens into a comprehensive care plan, coaching older adults to track health status and to know when to contact health providers, and collaborating with health providers for the older adult. Three Naturally Occurring Retirement Community (NORC) support programs in Rhawnhurst, Far Northeast, and West Phila/City Line Corridor, will add classes and on-going support to sustain healthy lifestyles. Six chronic disease self-management classes, using Stanford's evidence-based model, will target older adults with heart disease or diabetes. Eighteen workshops will teach practical skills in exercise, nutrition, preventing falls, medication management, depression and use of technology. Local health care professionals will be teamed with older adults to teach classes, modeling how older adults can use their health care network. Participants will use NORC home adaptation and medical transportation services to promote wellness. Success will be demonstrated by process evaluation of protocols and classes, social workers' evaluation of participants' compliance managing diabetes or heart disease, and participants' report on impact of care management or classes on their management of chronic disease and use of medical care. JFCS will disseminate the findings of this project to encourage broad use of the tools demonstrated to be effective.

Project Name: Comprehensive Family Domestic Violence Project

Recipient: Friends of Germantown Settlement 5538 C. Wayne Avenue , Philadelphia, PA. 19144

Amount Requested: \$185,000

Purpose: In the city of Philadelphia children are exposed to domestic violence at an alarming rate. According to city statistics, there has been growing recognition of the prevalence of domestic violence in our society. Moreover, in the city of Philadelphia it has become apparent that some individuals are at greater risk for victimization than others. In homes where domestic violence occurs, children are at high risk for suffering physical abuse themselves. Regardless of whether children are physically abused, the emotional effects of witnessing domestic violence are very similar to the psychological trauma of being a victim of child abuse. Due to witnessing abuse in their families, teens are more susceptible to either administering abuse as the abuser or accepting being the

victim of abuse as the norm. The Friends of Germantown Settlement Comprehensive Family Domestic Violence project is aimed at working with children, teens and their families to combat, reduce and eradicate the adverse effects that domestic violence has or has potential to have on them and surrounding neighborhoods. Through a series of comprehensive services and resources that will include but not limited to; individual and group counseling, family meetings, related workshops, the professional staff will bring about positive change in the lives of the program participants. It is clear that without an intervention from programs such as the Comprehensive Domestic Violence Project children are at a significant risk for delinquency, substance abuse, school drop-out and difficulties in their daily and future relationships. The Comprehensive Family Domestic Violence Project will also help young children understand that what they have witnessed in their home is not their fault. Intermediate outcome tracking utilizing the Results Oriented Management Accountability (ROMA) scale that helps to measure the success of individual and family goals will be a major tool of the Comprehensive Family Domestic Violence Project.

Project Name: Congreso de Latinos Unidos, Inc. Primary Care Clinic

Recipient: Congreso de Latinos Unidos, Inc. 216 W. Somerset Street Philadelphia, PA 19133

Amount Requested: \$500,000

Purpose: Congreso de Latinos Unidos, Inc. proposes to build on its existing family planning clinic to develop a full-service nurse-managed primary healthcare center, which will serve nearly 3000 people a year and employ 10+ people.

Despite the existing safety-net centers in Philadelphia, many children and vulnerable adults in Eastern North Philadelphia, Congreso's service area, continue to go without adequate access to healthcare.

Congreso has a 30-year history of building trust in the community by offering culturally and linguistically appropriate high quality education, employment and health services in the community. In addition, Congreso has provided for many years family-planning services, women's wellness, and health education and prevention programs at Congreso and in schools.

A major goal of this proposal is to ensure that all living in this area have access to quality, affordable health care. Integrating primary care with Congreso's existing services will ensure access to the comprehensive range of resources for health. Expanding into a full-service center will allow for in-depth chronic disease management, ensuring meeting the needs of many clients with high blood pressure, diabetes, high body mass indices (BMIs). Congreso will be able to integrate behavioral health services with primary care, a proven approach to better outcomes for patients (for example, better compliance with medications and treatment). Congreso has appropriate space that, with funding, is easily transitioned into four exam rooms, a lab, and work stations. The primary health care center would utilize an electronic health record from its inception. The center would provide employment for two nurse practitioners, a medical assistant, clinic receptionist, a

social worker and portions of a behavioral health supervisor and a behavioral health specialist plus billing services.

Project Name: Connect the Vet

Recipient: Impact Services Corporation 1952 E. Allegheny Avenue Philadelphia, PA 19134

Amount Requested: \$200,000

Purpose: This is a valuable use of taxpayer funds because this project will provide employment services to 100 priority group veterans designated as priorities by the US Department of Veterans Affairs in a new “*Connect the Vet Program.*”

The target groups are:

- Veterans of recent OEF/OIF operations who have returned to the US with certain combat-related conditions, including PTSD, Traumatic Brain Injury or other concussive disorders, and psychological adjustment issues;
- Female veterans with minor dependents who require special guidance to manage their healthcare and benefits needs, care for their children, and to reconnect to the workforce with jobs that offer competitive wages;
- Formerly incarcerated veterans who must overcome the barriers related to their criminal record and behaviors that resulted in jail time, while successfully transitioning back into the workforce with a life-balance plan designed to encourage long-term stability.

Impact will demonstrate ways in which additional resources in the community can improve the coordination of employment and training programs, improve the efficiency and effectiveness of the job matching process, and help support and stabilize local employers.

Project Name: Construction, Repair and Improvement of Facilities at Lake Ladore Camp/Conference Center in Waymart, PA

Recipient: The Salvation Army 701 N. Broad Street Philadelphia, PA 19123

Amount Requested: \$1 million

Purpose: The requested funds will be used on construction, repair and improvement of facilities at the Salvation Army’s Ladore Camp, Retreat & Conference Center in Waymart, PA. Funds would be spent to make repairs and improvements to Lake Ladore Dam, winterize and improve the historic carousel building, construct staff housing for men, convert hot water tanks to propane, renovate cabins and repair sewer lines.

The proposed construction and renovation projects are necessary to allow the Salvation Army to meet the growing demand for services at the center. The center is a valuable resource for at-risk, disadvantaged and low-income youth from across the region and state, as well as for low-income senior citizens. The repairs to Lake Ladore Dam are not only critical to the future of the camp but to the entire region. The dam is owned by the Salvation Army and is a 330-foot long, 28-foot high hybrid structure made from connecting an original earth and dry masonry structure to a downstream concrete gravity dam by ultimately filling the 50 feet between the two dams with soil. A failure of the

dam would have a devastating impact on the region -- taking out the Keen Lake dam downstream and completely flooding the city of Honesdale and some surrounding areas.

Project Name: Conventional Ammunition Warfare Capabilities Improvement

Recipient: Oto Melara North America, Inc. 1625 I Street, NW Suite 200 Washington, DC 20006

Amount Requested: \$5 million

Purpose: Funding would support naval guns advanced-technology ammunition for compatibility testing, demonstration firings, and Weapons system Explosive Safety Review Board (WSESRB) qualification tests. The warfare capabilities improvement offered by this advanced technology ammunition supports U.S. Navy missions as defined in the Quadrennial Defense Review and U.S. Navy strategy documents. The weapons to be tested are on legacy surface ships. By conducting the testing of these upgrades, the guns will be available for Littoral Combat Ship, enhancing LCS capabilities.

Project Name: Cost-reducing Innlay™ Protection from Marine Fouling for increased fuel efficiency, speed, and payload, for of Naval and Commercial Vessels”

Recipient: PHILADELPHIA INDUSTRIAL DEVELOPMENT CORPORATION (PIDC) 2600 Centre Square West 1500 Market Street Philadelphia, PA 19102

Amount Requested: \$3.1 million

Purpose: This project aims to reduce the cost of biofueling, which costs the USA billions and ~0.25% of GDP every year, while supporting innovative non-profit-industrial collaboration that will enable job creation across the region. The funding will be used to support the development of Innlay Technology to target marine fouling--the undesired accumulation of microorganisms, algae, and animals on structures submerged underwater. Marine fouling can reduce fuel and energy efficiency of marine vessels by 40%-50%, can increase drag by 60%, and can decrease speed by 10%. At The Navy Yard in Philadelphia, Innova Materials—the award winning Philadelphia-based company now commercializing the Innlay technology—will develop, test, and commercialize the Innlay Technology to eliminate the problem of marine fouling on ships. Primarily, in Phase I, the funds will be used: to hire 10 top engineers and scientists to aid in the further development and testing of this technology, to outfit The Navy Yard with 5000 sq feet of sustainable R&D lab space that will be used to foster/incubate new technology companies at The Navy Yard in the future, and to support R&D efforts. The Navy Yard is an ideal location for this type of work, given that their tenants include Aker Philadelphia Shipyards, one of the most advanced ship builders in the US, and the NAVSEA (SSES), both of which will benefit from this technology and are potential collaborators. Once developed, the technology will enable enormous increases in energy efficiency for commercial and naval vessels and will also bring an influx of commercial activity as the region becomes a destination for treatment of marine vessels to avert the high cost of marine fouling. The increase in commercial activity in the region will have benefits felt in Philadelphia and across Pennsylvania districts

Project Name: Covenant House Pennsylvania Rights of Passage Program

Recipient: CH Pennsylvania Under-21 31 East Armat Street Philadelphia, PA 19144

Amount Requested: \$300,000

Purpose: After a lengthy capital campaign and years of preparation and construction, Covenant House Pennsylvania's Rights of Passage program is scheduled to open its doors for the first time in December 2010. The new facility will house twenty older youth in ten two-person Rights of Passage apartments.

The Rights of Passage program affords older youth the independence they require to complete their transition from crisis to independence. While involved in the Rights of Passage program, youth are required to be employed a minimum of 30 hours per week, complete three or more hours of Community Service each month, pay monthly rent (which, at the end of the program, will be returned to the youth as a deposit contingent upon conduct during stay), complete weekly chores and upkeep, save 20 percent of their earnings and attend Life Skills classes.

ROP youth also receive direct Case management services from their assigned Covenant House Primary Youth Advisor. This Staff is assigned to help develop and monitor goal plans, connect to community services, advocate for youth, and ensure that they are available to assist the youth with questions and concerns which arise.

Covenant House youth wishing to join the Rights of Passage program must complete an application which consists of a written statement detailing why you should be accepted into the program, 2-3 Staff recommendations, a referral packet of information and a face to face interview with Staff and residents.

Project Name: Darby Borough Municipal Complex

Recipient: Borough of Darby 821 Summit Street

Amount Requested: \$3.8 million

Purpose: Darby is constructing a community center that will be available for use by the Borough's residents to provide recreation alternatives for the Borough community, including community rooms and a gymnasium. Darby will also be relocating Borough Hall and administrative offices, police department, and the Darby District Court into desperately needed larger, more modern and efficient space. Upon completion of the new facilities, the current Borough Hall site will be available for redevelopment. This will provide community center resources to an urban, inner ring suburb of Philadelphia. The Borough has outgrown its current Borough Hall, and this will provide more efficient, larger space. The Borough has likewise outgrown its police department, which houses prisoners for other neighboring jurisdiction, and is consistently one of the busiest police departments in Delaware County. Finally, the Darby District Court has outgrown its space, where prisoners are held in a lunchroom, boxes stored in restroom facilities, and lawyers must confer with clients in public hallways.

Project Name: Delaware Estuary Regional Sediment Management (RSM)

Recipient: Army Corp of Engineers

Amount Requested: \$200,000

Purpose: The goal of this project is to convene Stakeholders to work together towards setting a precedent for managing resources for the Delaware Estuary as a system, thus facilitating management decisions framed around the regional management of sediment.

Efforts include the following: assemble and manage a diversified Regional Dredging Team; convene a RSM Workgroup to develop a long-term sustainable RSM plan and a multi-agency Memorandum of Understanding; characterize USACE dredged material disposal areas to facilitate dredged material management and beneficial use and assist in populating the NJDOT's Dredged Material Management System (DMMS) GIS database and 'dredged material marketplace'; and to develop a regional sediment budget for the Delaware Estuary. FY 2011 funds would be used to continue development of the RSM plan, stakeholder coordination and finalization of the sediment budget.

Project Name: Delaware River and Tributaries Debris Removal

Recipient: States of Delaware, New Jersey, and Commonwealth of Pennsylvania

Amount Requested: \$200,000

Purpose: FY2011 funds will be used to evaluate causes and extent of debris problems in the Delaware River, and then to implement debris removal in the interests of navigation, safety, ecosystem restoration, water quality improvement, habitat development, and other related purposes.

Project Name: Delaware River Dredged Material Utilization PA, NJ, and DE

Recipient: Army Corp of Engineers

Amount Requested: \$200,000

Purpose: This reconnaissance study will evaluate problems, needs, and opportunities in the interest of beneficial use of dredged material including transfer and transport facilities for the drying, rehandling, and transferring of dredged material, as it relates to comprehensive watershed and regional sediment management, ecosystem restoration, navigation, stream restoration, water quality, restoration of coal and other mined areas, cover material for sanitary landfills and other allied purposes in the vicinity of the Delaware River between Philadelphia and Trenton, and Philadelphia to the Sea. FY 2011 Funds would be used to initiate and continue efforts on the Feasibility Study.

Project Name: Delaware River Estuary Environmental Restoration

Recipient: Army Corp of Engineers

Amount Requested: \$150,000

Purpose: This reconnaissance study will help to determine the value of continuing forward to a more in depth feasibility level investigation in the interests of ecosystem restoration, regional sediment management and shoreline erosion control, protection of essential public works, groundwater supply and related facilities, beneficial use of dredged material, and other related purposes. Funds will be used to start a reconnaissance study to identify and provide a preliminary evaluation of ecosystem restoration opportunities in the Delaware Estuary as well as watershed management opportunities and ecosystem improvements in the Delaware River and Bay.

Project Name: Delaware River Intelligence-Led Policing Portal for Waterfront Domain Awareness (DRIPPWDA)

Recipient: Strengthening the Mid-Atlantic Region for Tomorrow (SMART) 401 South 2nd Street Suite 305 Philadelphia, PA 19147

Amount Requested: \$2.5 million

Purpose: DRIPPWDA will create a Delaware River Region waterfront-focused intelligence-led policing portal combining crime analysis, operational awareness and virtual communications/collaboration capabilities to analyze crime and intelligence data generated throughout the day. Resulting insights and actionable information is disseminated to law enforcement command and field personnel supporting small unit operations and tactical enforcement plan execution in real-time to optimize operations and better shape daily outcomes. Under Project National Shield (PNS), the US Army ARDEC at Picatinny, New Jersey is building the mission value of networked virtual communication and collaboration capabilities fielded by the Department of Defense (DOD) to provide benefit to Small Unit Operations (SUO) as part of DOD's Civil Support mission. The information visualization and distribution needs of DOD small unit operations and those of police response personnel are similar. Getting relevant tactical intervention information to a fielded command vehicle (Humvee) and ground personnel (warfighters) deployed in Afghanistan and providing the same for law enforcement assets such as Mobile Command Vans and beat cops with smartphones align nicely. DOD has long struggled with C2 information overload in high stress, time-critical environments. Homeland defense and civilian support missions spanning a multitude of organizations with disparate technology assets has exacerbated this situation. The DRIPPWDA project will provide much needed insights into possible solutions for the unique C2 boundary conditions in complex inter-agency environments. These insights provide feedback into DOD's C2 efforts and enhance DOD's ability to respond to civil support mission requirements.

Project Name: Delaware River Main Channel Deepening PA, NJ, and DE

Recipient: Philadelphia Regional Port Authority

Amount Requested: \$47,862,000

Purpose: The project calls for deepening the existing Delaware River Federal Navigation Channel from 40 to 45 feet from Philadelphia Harbor, Pa., and Beckett Street Terminal, Camden, N.J., to the mouth of the Delaware Bay, appropriate bend widening, and partial deepening of the Marcus Hook anchorage and relocation of and addition of aids to navigation. Dredged material would be placed by hydraulic and hopper dredges in confined upland disposal areas in the Delaware River portion of the project and for beneficial uses in Delaware Bay. Funds would be used to continue initial construction including rock blasting/removal (\$16,864,000) and dredging of Reaches A & AA (\$30,998,000)

Project Name: Delaware River, Philadelphia to the Sea, PA, NJ, & DE

Recipient: Army Corp of Engineers

Amount Requested: \$23,115,000

Purpose: The Delaware River Philadelphia to the Sea federal navigation channel runs from Allegheny Ave., Philadelphia, PA for 96.5 miles in a southerly direction to deep water in the Delaware Bay, between the states of New Jersey on the east, and Pennsylvania and Delaware on the west. Annual maintenance dredging is performed to provide the authorized depth. FY 2011 funds could be used for aggressive management and capacity restoration of federal disposal areas and to maintain dike levels to provide

uninterrupted maintenance dredging services (\$2,685,000), as well as funding to perform GIS service within the disposal areas and oversee a contract to install tide and water quality gages (\$410,000).

Project Name: Delaware River, Philadelphia to Trenton, NJ and PA

Recipient: Army Corp of Engineers

Amount Requested: \$11,115,000

Purpose: The waterway extends from Allegheny Avenue in Philadelphia, PA about 30.5 miles upstream to the Penn Central Railroad Bridge at Trenton, NJ. Maintain 23.5 miles of channel (40' x 400'), 5.5 miles of channel (25' x 300'), and 1.4 miles of channel (12' x 300'), and an auxiliary channel (20' x 200') with a turning basin 450' wide. Maintain and inspect bank protection works at Florence, NJ and Bristol, PA. Ditch and drain upland disposal areas provided by states of New Jersey and Pennsylvania. FY 2011 funds could be used for maintenance dredging of lower reach (\$5,630,000) turning basin (\$1,735,000), to construct three upland disposal sites (\$2,440,000), and for disposal area maintenance & construction and placement of rip-rap material (\$490,000).

Project Name: Delaware Valley High Growth Job Training Initiative

Recipient: Collegiate Consortium for Workforce and Economic Development The Navy Yard, Quarters M-7, 1321 Intrepid Avenue, Philadelphia, PA 19112

Amount Requested: \$1,000,000

Purpose: In light of the recent recession, there is a renewed need to invest in proven workforce development models that provide individuals with the skills they need to secure and retain new jobs. The Delaware Valley High Growth Job Training Initiative will apply the Consortium's model program to train displaced workers for careers in the following emerging, high-growth industries: energy (both traditional and alternative green jobs, health care, technology and advanced manufacturing. This initiative would also be focus on those already in the workforce who require new skills to keep pace with advancing technologies. Specific activities to be funded by this request include: support for expanded workforce development initiatives; worker assessments; and development of specific courses and delivery mechanisms to address the workforce needs of industry and municipalities within the region.

Project Name: Deliverance Operating Support Project (DOSP)

Recipient: Deliverance Community Development Corporation 2001 W Lehigh Avenue Philadelphia, PA 19132

Amount Requested: \$200,000

Purpose: DOSP is a neighborhood based community development corporation organized for the express purposes of developing the internal capacity of the organization to revitalize and spur on the development of North Philadelphia and surrounding community. The initial project will be the development of the site at 2059 Glenwood Avenue into senior care or other critically needed services for the community. The funds requested will be utilized to cover operations of DCDC and support pre development cost related to projects.

Project Name: Development of a Compact Pulse Generator

Recipient: NDI Engineering Company Philadelphia Naval Business Center One Crescent Drive Suite 202 Philadelphia, PA 19112

Amount Requested: \$4,368,000

Purpose: The objective of this program is to develop and demonstrate analytically that a high power (60 Megawatt) and high energy density compact pulse generator is achievable. Present technology provides delivered energy density in the 2–3 kJ/kg range, stored energy density in the 4-6 kJ/kg range. This is far less than the Navy specification requirement that the energy and power density levels should be in the range of 15 kJ/kg and 12 kW/kg respectively. The project consists of two major tasks as follows:

1) Composite Rotor Structure

To achieve such significant improvements in the stored energy density, we proposed substituting high strength carbon graphite composite structures for the conventional iron-core generator rotors. As the carbon fiber composite rotors can operate at significantly higher speeds than metallic rotors. As a result, composite rotors have demonstrated stored energy density levels exceeding those desired by the Navy.

2) Cryogenic Cooled Field Windings

Cryogenically-cooling of generator field windings is also required to meet the Navy EMALS operation. Initially, single phase liquid-nitrogen cooling medium was believed to be sufficient. Preliminary analysis has revealed that additional cooling is needed and could simplify the rotor design resulting in a more compact, light weight rotor. We will analyze and demonstrate that “Two Phase” cooling method, using a combination of liquid and gaseous nitrogen as the cooling medium, provide the necessary cooling for the field windings.

Project Name: Development of a Three Phase Cycloconverter

Recipient: NDI Engineering Company Philadelphia Naval Business Center One Crescent Drive Suite 202 Philadelphia, PA 19112

Amount Requested: \$1,041,900

Purpose: Linear synchronous or induction motors are being proposed for a variety of applications such as launch-assist of decoys, missiles, unmanned aerial vehicle (UAV) aircraft and torpedoes. Specifically, the U.S. Navy Universal Electromagnetic Launcher (UEML) and the U.S. Navy CVN 78 Electromagnetic Aircraft Launch System (EMALS) are just two of the many pulse power program initiatives, which are under development. Each proposed linear motor application, however, requires a unique power supply, as well as, significant non-recurring development costs.

NDI is in the process of developing a Solid State, High Frequency, Three Phase Cycloconverter to drive linear induction or synchronous motors. The purpose is to realize reduction in cost and significant increase in logistical efficiency by delivering application-specific power supply that can be assembled from standard Modular Active Power Building Blocks (MAPBB). The achievement of this objective has been made feasible by the availability of high-power, solid-state switching Insulated Gate Bipolar Transistors (IGBTs). Accordingly, NDI’s Cycloconverter design is based on using an Insulated Gate Bipolar Transistor (IGBT) based Modular Active Power building Block

(MAPBB). The IGBT MAPBB based Cycloconverter under development by NDI seeks to achieve this standardization and provides an optimal and uniquely efficient low cost answer to the needs of the launcher designer.

NDI has completed the design, and computer simulation/modeling of the Cycloconverter and is currently building two subscale models for test and validation of a Phase II SBIR contract. The amount of funding required to completely develop the Cycloconverter exceeds the funding limits of the Phase II SBIR Contract. The funds being requested for this appropriation will be utilized in FY 2011 to design, build and test a full scale 10,000 Amp, 5,000V model.

There is a significant potential commercial market for low cost, modular, flexible power electronic building blocks, particularly in the medium voltage AC power area.

Project Name: Devereux Fetal Alcohol Screening, Diagnosis and Treatment Center

Recipient: Devereux Center for Effective Schools 2012 Renaissance Boulevard King of Prussia, PA 19406

Amount Requested: \$250,000

Purpose: St. Christopher's Hospital for Children (St. Christopher's) has teamed up with Devereux's Center for Effective Schools (CES) to establish the first screening, diagnosis and treatment center in the Philadelphia area for children suspected of having FASD.

Project Name: Dignity Housing's Veterans Housing Development Project

Recipient: Dignity Housing 5221 Germantown Ave Philadelphia, PA 19144

Amount Requested: \$475,000

Purpose: Dignity Housing's Veterans Housing Development Project is a pilot permanent affordable housing and support services project for veteran families. The project involves the acquisition and development of five (5) units in one of Philadelphia's stable, moderate income/working class communities. Priority will be given to veterans returning from the Afghanistan and Iraq wars. In addition to housing, the project features general supportive services, supervised youth activities and supports, strong liaison relationships with the Veterans Administration and local veteran's organizations.

Project Name: District Attorney's Response Team (DART)

Recipient: Philadelphia District Attorney's Office 3 South Penn Square, Philadelphia, PA 19107

Amount Requested: \$495,000

Purpose: DART will proactively collaborate with communities affected by crime by familiarizing them with the criminal justice process and making their participation in a criminal justice case less traumatic. The DART unit, consisting of victim-witness advocates and a retired detective, will travel throughout the city in a specially designed DART vehicle. The mobile DART unit will attend community events and also reach out to specific neighborhoods affected by a particularly tragic crime. On location, DART will educate community members about their legal rights as victims or witnesses, the criminal justice process and crime prevention techniques. DART will also distribute written information regarding various grief and social services as well as other helpful

community resources. The DART unit will have the flexibility of speaking to large groups of people or engaging one-on-one with an individual. By letting communities know that the District Attorney's Office is concerned about their needs, DART hopes to generate greater participation in the criminal justice process while decreasing the negative effects of violent crime.

Project Name: Early Responders Distance Learning Center (ERDLC): Cultural Studies and Secure Mobile Access to Training Materials in Support of Military and Emergency Responders

Recipient: St. Joseph's University 5600 City Avenue Philadelphia, PA 19131

Amount Requested: \$1,255,360

Purpose: There is a well-documented need to provide mobile training content to military, emergency response and other personnel on how to interact with indigenous populations. The Early Responders Distance Learning Center (ERDLC) at Saint Joseph's University will gather and work with subject matter experts (SMEs) to discuss the best approaches for conducting information dissemination mechanism studies. Through a systematic analyses process, information pathways extant in Latin America and Western China will be identified and categorized. In addition, the systematic analysis and detailed critical observation will allow the study to evaluate the utility of these information paths as dissemination mechanisms for future operations. Results of this research will be critical in constructing a training program that will provide content needed to help personnel facilitate permeation into local information sharing networks. The training content will be developed so that it can be delivered via mobile devices. The secure mobile training delivery system developed under this project will provide operational forces, military and civilian first responders, and civilian law enforcement personnel with current information to properly interact with local populations.

The system and capabilities developed under this project will provide the local and national emergency response and combating terrorism (CbT) community with the ability to meet future force requirements, improve the capability to provide support to military and civilian authorities, and provide an enhanced capability to distribute military and civilian response information and training across the active and reserve component armed services, the civilian response community, and the greater CbT community. Furthermore, the Technical Support Working Group (TSWG), the major sponsor of Department of Defense based ERDLC contracts, has indicated that the providing information dissemination training via mobile devices would be of the highest priority of required projects in future funding contracts. Provides much needed training to military and civil authorities, but saves money by reducing travel costs. Dispersed learning can provide up to date education and training around the world.

Project Name: East Coast Greenway – 58th Street Connector

Recipient: Pennsylvania Environmental Council 123 Chestnut Street, Suite 401 Philadelphia, PA 19106

Amount Requested: \$1,000,000

Purpose: Design for the greenway is now nearing completion. However, the TIGER funding allocation is sufficient to fund only the construction of the bicycle path. Other

elements of the design strongly desired by the community – such as reconfigured and safer intersections, enhanced bus stops, additional lighting and security cameras to ensure neighborhood and trail user safety – are costly and can only be included with additional funding. This Appropriation Request would fund construction of these green elements, and complete the vision for a green corridor in Southwest Philadelphia. At completion, the 58th Street Greenway will be a national model of participatory planning and neighborhood involvement; and of implementation of green design and green job creation.

Project Name: Education Center including technology-based educational programming and related exhibits

Recipient: National Museum of American Jewish History 55 North 5th Street Philadelphia, PA 19106-2197

Amount Requested: \$750,000

Purpose: Funding will be used to help construct and outfit an Education Center at the new National Museum of American Jewish History that will include a theater, classrooms, and resource center. This is a valuable use of taxpayer funds because funds will also be used to purchase equipment, establish school outreach programs, and otherwise support the development of classes and materials that will serve the anticipated 250,000 visitors per year to the Museum, including 50,000 K-12 students.

Utilizing the latest in communications and digital technology, the Education Center will provide classes, tours, and curricula to students and educators who will visit the Museum as well as to children and adults across the country via its website and traveling exhibitions. The Museum's educational programs will be closely integrated with the 70 specific interactive displays throughout the exhibition that will engage visitors of all ages using AV media, exploration activities, flip-books, hands-on discovery cases, and other interactive media. Public programs and classes for children and adult learners will use the core exhibition galleries and themes as primary resources for educational content and lessons.

An economic impact analysis of the project estimated the long-term impact of the project would be to create 1,589 jobs in the region and generate annually over \$92 million in revenue for the City and region. The project will also include the improvement of public transportation access as well as the streetscape on what is among the busiest street intersections in Philadelphia, enhancing the quality of life for residents, workers and visiting tourists in the downtown neighborhood.

Project Name: Engagement Center for Homeless Men and Women

Recipient: City of Philadelphia 1030 MSB 1401 JFK Blvd Phila, PA 19102

Amount Requested: \$1,000,000

Purpose: Philadelphia has made exceptional progress in addressing street homelessness, and we believe we can end the need for anyone to sleep on the streets. Located across from the Convention Center at 1221 Vine St. in Center City Philadelphia, the Engagement Center is a place where remaining hard to reach homeless individuals can be assessed and rapidly connected to treated and housing services. Basic services, such as

food, clothing, mailroom, laundry, toilet, and showers, will be provided in a safe, welcoming environment. We believe that we can end the need for anyone to sleep on the streets of Center City if we can engage the hardest to reach. The site is owned by the Archdiocese of Philadelphia and operated by Catholic Social Services, currently offers a hot lunchtime meal to 400 poor and homeless individuals daily, as well as mail services, showers, and clothing; and houses up 40 men in a dormitory-style emergency shelter. The City is requesting funding for first-year operating costs and building renovation, to include construction of an ADA compliant elevator; ADA toilet/shower facilities on each floor and ADA compliant clearances at corridors and doors; two-level office suite addition to provide additional space for offices; and finish upgrades on the 2nd and third floors and first-year operating costs, at 40% of the total budget. The project would be completed in collaboration with the Archdiocese of Philadelphia Catholic Social Services and Project H.O.M.E., who would use the best practice “Critical Time Intervention” process to connect individuals as they transition to treatment and/or housing and support them for six months after they are connected. Peer specialists, hired by Catholic Social Services, would increase opportunity for engagement with individuals who may be seriously mentally ill and alienated, mistrustful of institutions, deep in alcohol or substance abuse addiction, and/or resistant to change.

Project Name: Enhancing Patient Care through Computerization of Medical Records

Recipient: Wills Eye Health System 840 Walnut Street Philadelphia, PA 19107-5109

Amount Requested: \$500,000

Purpose: Computerization of medical records improves the quality of care, reduces complications attributed to medical errors, and aids in the delivery of evidence-based care. Electronic medical records streamline the clerical burden placed on delivery of health care allocating time that can and should be used for patient care. Our healthcare system will be overburdened as the large number of “Baby Boomers” now becoming senior citizens increase the demand for care; therefore more efficient and productive methods of delivering care are imperative.

Wills Eye Health System, with multiple patient care locations and large number of providers, has evaluated the benefit of computerizing medical records and concluded this will greatly enhance the delivery of care provided to its patients. Electronic Medical Records would be implemented in the ten clinical areas of our physician offices. Connectivity from home or the physicians’ private offices will improve continuity of care when physicians are off site. The system will include connectivity to our nine ambulatory surgery centers, located throughout the Delaware Valley.

Project Name: Expedient Variable-pitch Propulsion Shaft Refurbishment Research

Recipient: Rhoads Industries Inc. 1117 Admiral Peary Way The Navy Yard Philadelphia PA 19112

Amount Requested: \$2,400,000

Purpose: NAVSEA has a critical need to reduce the cost and time for refurbishing the propulsion shafts of surface vessels, such as the Guided Missile Cruiser (CG) Destroyer (DDG) and the Guided Missile Frigate (FFG) classes of ships. Surface ships are driven by propulsion shafts, which are subject to wear caused by adverse conditions and combat damage. Currently, damaged or worn propulsion shafts must be repaired and replaced, in

an expensive and time-consuming procedure. As a result, variable-pitch propulsion shafts are among the major battle spares constantly needed to maintain surface ship combat readiness and the Navy has a service backlog of three to five years. An innovative approach is needed to expedite the shaft repair process and to decrease the time period that ships are out of service for repairs. The Expedient Variable-Pitch Propulsion Shaft Refurbishment Research project tests and validates a new welding procedure to expedite the repair of variable-pitch propulsion shafts, by completing shaft refurbishing in one-third (1/3) of the currently required repair time and by cutting the cost to the Navy in half. Each shaft contains multiple (4-6) waterborne wearing sleeves composed of copper-nickel compound castings, which typically receive the most wear and damage. The new technique involves: (1) Machining the damaged areas of the copper nickel (70/30) bronze shaft bearing sleeve; (2) Applying a circumferential weldment, and; (3) Machining the Sleeve back to the original NAVSEA specifications

Project Name: Experiential Learning Lab

Recipient: Philadelphia Hospitality 123 South Broad Street Suite 1710 Philadelphia, PA 19109

Amount Requested: \$428,290 for FY2011/ \$1,381,270, 000 –over 3 years

Purpose: The Lab will provide educational programs to public and parochial grade school and high school students that highlight the region's history and culture to groups around the country and the world. Funding will offer an educational series for underserved public and parochial schools, reaching 5000 students over three years. The series of one-day programs will capture the interest and imagination of students, introducing them to historical sites throughout our area. The Lab is designed to meet core curricula, complement in-class studies and employ various teaching methods. School subjects to be explored: social sciences, mathematics, science, economics, technology and the arts. Additionally, we will coordinate multiple locations, ensure program compatibility, build experiences to enrich the total learning adventure, secure guest speakers and field experts, arrange transportation and meals, and provide follow up materials to connect inside and outside the classroom studies.

Project Name: Farm to School Program

Recipient: The School District of Philadelphia 440 N. Broad Street 1st Floor, Portal B, Suite 1198 Philadelphia, PA 19130

Amount Requested: \$201,250

Purpose: The Farm to School pilot program in The Philadelphia School District (SDP) brings healthy food from farms in Pennsylvania, New Jersey, Delaware and Maryland to area schools. In September 2009, SDP, Division of Food Services in collaboration with Food Fair and The Food Trust, facilitated the launch of the first farm to cafeteria program in several Philadelphia Public Schools. Specifically, five district high schools have the opportunity to purchase locally grown fruits and vegetables from Common Market, a wholesale distributor, consolidator and marketer of Philadelphia regional products. It is our hope that this pilot, as well as supporting educational activities, will provide new programs that will teach students the path from farm to plate and hopefully instill healthy eating habits that will last their lifetime.

Project Name: First Genesis Community Development Project

Recipient: First Genesis Community Development 6001 Kingsessing Avenue
Philadelphia, PA 19142

Amount Requested: \$1,200,000

Purpose: First Genesis Community Development Corporation was formed as a nonprofit organization in 1989 with the goal to rebuild the existing community in the area of Southwest Philadelphia. The organization has implemented programs such as food drives, skilled computer classes along with other programs to benefit the community residents. Since First Genesis Community Development Corporation came to the Southwest Philadelphia Community there has been a substantial increase in crime and violence that has affected the families living in the community. To overcome these problems the neighborhood needs to reconnect with their youth and senior residents and create a structure of stability and safety. Upon speaking to the residents of the community who have witnessed the increase in crime and violence the needs of the community have been identified. Federally Qualified Health Care Center – We have created a partnership with a current federally qualified health care center located in Philadelphia. Community Center Senior Housing – Private Developer has committed to the project.

Project Name: FirstLink

Recipient: Pittsburgh Gateways, Corp. 4514 Plummer Street Pittsburgh, PA 15201

Amount Requested: \$2.2 Million

Purpose: FirstLink, the Department of Defense National Center of Excellence for First Responder Technology Transfer provides technical assistance to the Office of the Secretary of Defense's (OSD) Office of Technology Transition (OTT). The FirstLink program has been successful in not only meeting its DoD metrics for technology transfer but has exceeded them. Since program inception, FirstLink has facilitated over 200 DoD transfer metrics with a ROI to the Federal Government of more than \$5 million and facilitated the identification of over \$7 million in funding to firms providing technologies who meet DoD and First Responder needs. FirstLink's mission is to accelerate the rate at which technologies from DoD laboratories are transitioned into commercially viable products for national security while supporting the growth and competitiveness of US manufacturers and small businesses. FirstLink provides expertise to the DoD through technology analysis, assessment, and advice for product commercialization. FirstLink assists the AFRL, ARL, NRL, ONR, and other DoD initiatives through modifying technology concepts, currently designed for the war-fighter, into dual use applications for First Responders. Providing the proper equipment to these First Responders is critical to the nation's domestic security.

Project Name: Frankford Safety Ambassador Program

Recipient: Frankford Special Services District P.O. Box 19665 4442 Frankford Avenue
Philadelphia, PA 19124

Amount Requested: \$200,000

Purpose: The FSSD Safety Ambassador Program is a community policing unit for the Frankford Avenue Business Corridor. They are the eyes and ears of the business community and work in conjunction with the Philadelphia Police Department to ensure a safe environment for residents, business owners, and workers. The goal of the Frankford Special Services District is to create a thriving commercial district so that Frankford can successfully compete as an environment in which to live, do business, shop and visit. To achieve this goal, a privately directed municipal authority has been established to provide security to supplement the services already provided by

the City of Philadelphia. The Safety Ambassador Program will provide a community policing unit that will assist the Philadelphia Police Department. With adequate funding, we can bring back the security presence that made shoppers feel much more secure on the Avenue. To stimulate commercial, retail, and cultural activities, the Frankford Special Services District will also support marketing and promotional initiatives designed to enhance the image of our community.

Project Name: Franklin Square Station ADA Upgrade

Recipient: Delaware River Port Authority 2 Riverside Drive Camden, NJ 08101-1949

Amount Requested: \$1,500,000

Purpose: The project will include Head house construction, new escalator/elevator service and will include compliance Americans with Disabilities Act. At the location specific to the future elevator and escalator, one of the many design components, the plan is to construct a Grand Head House Entrance. This entrance will be designed in a theme that takes into consideration, the historical area in Philadelphia as well as the cultural and recreational theme as viewed from within the Franklin Square.

The geographic area in which the PATCO Franklin Square station is located has undergone and will continue to undergo substantial economic and demographic changes. It is anticipated that ridership will increase generally, and in the short term this increase may be in those sectors where PATCO numbers are currently lowest. Specifically, “Intra-city” and “Reverse Commuting.” This opening will also enhance the overall service experience for the current sector of PATCO ridership and increase PATCO’s appeal to potential customers in the region while also retaining existing customers. There is also the potential for increased weekend ridership.

Project Name: Gift of Life Family House

Recipient: Transplant House 401 N. 3rd Street Philadelphia, PA 19123

Amount Requested: \$650,000

Purpose: Funding will be used to complete an important component of the Gift of Life Family House, an \$11.2 million project which is being built in Philadelphia to provide affordable temporary lodging (30 overnight rooms) and supportive services to family members of adult and pediatric transplant patients, as well as living donors from throughout the region who travel to Philadelphia for evaluation, surgery and follow-up care at seven area transplant centers. The funding will be used for equipment and associated components relating to on and off-site communications, wellness, security, and emergency energy sourcing for the thousands of visitors and families utilizing the Family House each year.

Project Name: Gift of Life Family House Caregiver Lifeline Program

Recipient: Transplant House 401 N. 3rd Street Philadelphia, PA 19123

Amount Requested: \$750,000

Purpose: Funding will be used to immediately create three new jobs and a corps of over 100 volunteers to support the development of an innovative model that creates programming services including 24-hour hotline, information and educational resources via web and distance based learning available to Pennsylvania residents. These critical

services, provided as a stand-alone program of Gift of Life Family House, will meet the critical non-clinical needs of transplant families and will promote increased compliance, better outcomes and reduced readmissions by better educating primary caregivers.

Gift of Life Family House will be the first program of its type in the country to provide temporary lodging and supportive services to transplant patients and living donors, adult and pediatric, receiving treatment at all 7 area transplant centers in Philadelphia. Through this innovative and integrated approach to care, Gift of Life Family House, an extension of Gift of Life Donor Program, will also serve as a model with the creation of the Caregiver Lifeline Program. Area transplant centers will benefit from both Family House proximity, allowing discharged patients to stay nearby during pre- and post-op evaluation periods, avoiding long travel commutes for the patient and reducing costs for extended hospital stays and nursing care – as well as the supportive services and resources of the Caregiver Lifeline Program to support the entire family.

Project Name: Global Science Leaders Program

Recipient: Thurgood Marshall College Fund 80 Maiden Lane, Suite 2204 New York, NY 10038

Amount Requested: \$6,000,000

Purpose: Recognizing a compelling need for high-quality diverse scientific leadership, the Thurgood Marshall College Fund (TMCF) Global Science Leaders Program will support professional and academic career development for Historically Black Colleges & Universities (HBCU) students in the Science Technology Engineering and Mathematics (STEM) fields of study. The Program identifies exceptional HBCU junior, seniors, graduate and law schools students and provides them with training that will enhance their leadership, skills and competencies in scientific disciplines.

Our FY2011 objectives focus on the TMCF role in helping the nation maintain its competitive, scientific and technological edge; preparing the nation's future workforce in the STEM professions; and preparing a new generation of professional leaders in many critical arenas of national importance. Since 1999, TMCF has trained more than 500 students a year through its Leadership Training Institute, and more than 800 executive faculty and staff. Through our long-established TMCF Scholars program and our Leadership Training Institute we can play a clear and documented role in advancing global-related mission needs.

Project Name: GPS Signal Integrity

Recipient: Scire Consulting, LLC 1308 Spruce St, #3F Phila, PA 19107-5864

Amount Requested: \$3 million

Purpose: Electro-magnetic, nano-materials used in a multi-element GPS antenna array can make GPS systems virtually impervious to electromagnetic jamming or spoofing. The spatial location of all GPS satellites is precisely known, so only signals that track with that precise location of the satellite are used in determining geo-location. A jamming or spoofing signal will be rejected as false by the proposed array because of its ability to discern even the smallest deviation. Using nano-materials allows implementation of an antenna system that is similar in size to existing antennas. The

highest levels of integrity and reliability in GPS systems are critical for many military systems needed to maintain National security. This includes all Aircraft, ground vehicles and weapon systems. Protection of these GPS systems from Jamming, spoofing or EMI damage is a high priority. It is also a high priority for maintaining protection of our National Airspace System from terrorist attacks on the GPS systems the commercial aircraft rely on.

Project Name: Grand Families Intergenerational Housing

Recipient: Josephine Solomon Ellis Foundation - CDC 6237 Hazel Ave Philadelphia, PA 19143

Amount Requested: \$1.5 million

Purpose: Provide housing dedicated to grandparents raising grandchildren with special needs in low-income moderate housing and a LEED Green safe environment.

Project Name: Green Job Training Center Initiative

Recipient: Philadelphia Opportunities Industrialization Center, Inc. (OIC) 1231 North Broad Street Philadelphia, PA 19122

Amount Requested: \$370,000

Purpose: The focus of this proposal is to expand the educational services of our Learning Opportunities Centers (LOC). The Adult Basic Education and fast track GED test preparation services will continue as a foundation for our new service which is a college preparation program. The expanded program would target full-time, part-time, and under-employed /low-to-medium skilled workers. The main goal is to create a pathway for adults that increases their basic literacy and numeracy skills and further prepares them for enrollment in a post-secondary education program, with the Community College of Philadelphia being the primary focus. And due to the growing need in Philadelphia, workforce soft-skills training would be inclusive in both the basic and college preparation focus.

This evening program time would offer many adult learners from Philadelphia a convenient time & Metro-accessible location to continue and/or advance their educational pursuits' in a *Blended Learning mode*, which includes traditional and technology-based learning components (such as online lessons and distance learning assignment).

Project Name: Health Screening and Prevention Services

Recipient: Youth Outreach Adolescent Community Awareness Program / GPUAC 1207 Chestnut Street, 3rd Floor Philadelphia, PA 19107

Amount Requested: \$208,245

Purpose: YOACAP is proposing to provide the Health Screening and Prevention Services to target high-risk individuals between the ages of 15 and 34 in the North, West, and Southwest areas of Philadelphia County. Our agency is proposing to implement CTR services using the HIV Risk Pocket Strategy, providing services directly within small geographic areas of concentrated high-risk activities, between 6 p.m. and 6 a.m. Risk pockets are census tracts with high rates of health disparities, including HIV. YOACAP will use a mobile unit to provide services within the eight risk pockets in North, West, and Southwest Philadelphia. The mobile unit will be present at scheduled days/times each

week, three hours a day, to familiarize residents with services at least four days a week and some weekends.

Project Name: H.I.R.E. Philadelphia

Recipient: Philadelphia Opportunities Industrialization Center, Inc. (OIC) 1231 North Broad Street Philadelphia, PA 19122

Amount Requested: \$893,785

Purpose: The focus of this proposal is to expand the educational services of our Learning Opportunities Centers (LOC). Currently, OIC services over 300 adult learners through Adult Basic Education and fast track GED test preparation. These services will continue as a foundation for our new services which is a college preparation program. OIC is acutely aware that an associate or 4-year degree has become the basic credential for job/career acquisition. The expanded program would target full-time, part-time, and under-employed /low-to-medium skilled workers. The main goal is to create a pathway for adults that increases their basic literacy and numeracy skills and further prepares them for enrollment in a post-secondary education program, with the Community College of Philadelphia being the primary focus. And due to the growing need in Philadelphia, workforce soft-skills training would be inclusive in both the basic and college preparation focus.

This evening program time would offer many adult learners from Philadelphia a convenient time & Metro-accessible location to continue and/or advance their educational pursuits' in a Blended Learning mode, which includes traditional and technology-based learning components (such as online lessons and distance learning assignment).

Project Name: High Speed Power Node Switching and Power Node Control Centers

Recipient: L-3 / SPD Electrical Systems 13500 Roosevelt Blvd Philadelphia, PA 19116

Amount Requested: \$5 million

Purpose: The advent of high-energy weapons, such as more powerful radars planned for DDG re-start, and increased sophistication of combat equipment requires that the supporting electrical power system supply higher quality power to these vital combat system loads. It is extremely important that the electrical power distribution system be affordable, flexible, reliable, and survivable so that the emerging needs of the U.S. Navy can be met. The PNSC and PNCC will provide these capabilities. These ground breaking technologies will assure quality power is continuously available to the vital combat system loads and further enable a reduction in fuel cost and manpower, along with a reduction in the size, weight, and total cost (material, installation, maintenance, spares & training) of the electrical system.

The PNCC has great potential for insertion on the U.S. Navy's Cruiser Modernization program for mission critical equipment as First Article testing is complete and some production units are funded, but the balance of funding for final testing & installation has been curtailed due to budget cuts. High speed PNSC's have been proven at low voltages, where they have demonstrated that they can interrupt an electrical fault 100 times faster than the legacy circuit breakers used today. The PNSC technology can prevent collateral damage such as fires, thus allowing the crew to fight the enemy, even at reduced manning

levels.

Project Name: Hispanic Community Counseling Services

Recipient: Hispanic Community Counseling Services 3156 Kensington Avenue
Philadelphia, PA 19134

Amount Requested: \$1,000,000

Purpose: HCCS provides outpatient behavioral health services to over 1,500 adults, children, and families with mental, emotional, or behavioral disorders that interfere with the individual's healthy functioning within Philadelphia. HCCS is requesting financial support to strengthen the capacity of our organization by funding the development, implementation, start-up and expansion of our new facility. Our current organizational structure does not have the space to expand an educational facility for training and research, expansion of drug and alcohol program, and a Mental Health Latino Coalition.

HCCS Goals:

Our goal is to form a new Bi-lingual Post Graduate Educational Facility/Institute for behavioral and Psychological Studies. The purpose of the institute is to prepare students to manage educational challenges and opportunities at high-need mental health agencies. The expanded educational program will attract working individuals back to an economically revitalizing area, and continue to stabilize and rebuild the economic base of this community.

D&A Rehab will use a completely different approach, focused upon throwing away traditional drug and alcohol addiction treatment methods in favor of the programs developed by HCCS. Instead of a purely clinical approach, patients at HCCS undergo a holistic treatment program, customized according to their individual requirements in order to prevent the high failure and relapse rates experienced by other programs.

The Mental Health Latino Coalition campaigns for improved and prioritized mental health services in Philadelphia. The goal is to improve mental health services for all by using the Hispanic experience as a way to design a better system for mental health prevention and care.

Project Name: Hospitality Training Project

Recipient: Philadelphia Opportunities Industrialization Center, Inc. (OIC) 231 North Broad Street Philadelphia, PA 19122

Amount Requested: \$405,706

Purpose: The Philadelphia OIC, Inc. OIC, has been operating Opportunities Inn: The Hospitality Training Institute for the past 16 years. With annual funding from the Pennsylvania Convention Center Authority, OIC is training 200 individuals a year for entry-level jobs in hotels, restaurants, entertainment venues, and The Pennsylvania Convention Center.

The Philadelphia OIC, Inc., is proposing to expand the hospitality training program to prepare individuals for the many jobs that will be created by the expansion of the

Pennsylvania Convention Center. Several new hotels and restaurants are projected to be open by the completion.

Project Name: Hydra-70 70mm (2.75 inch) Rockets

Recipient: Action Manufacturing Company

Amount Requested: Support the President's Budget - \$259.9M to include the OCO request.

Purpose: The Hydra-70 rocket system is used by Army, Navy, Marine Corps and Special Operations helicopters and Navy, Marine and Air Force jet aircraft. The combat proven Hydra-70 is crucial for the accomplishment of anti-material, anti-personnel, and air-to-ground suppression missions in both Afghanistan and Iraq. The Hydra-70 Family of rockets includes eight different tactical warheads that provide combat overmatch and three training warheads required to ensure the war fighting readiness posture for U.S. aviation assets. The Project Manager Joint Attack Munition Systems (PM JAMS) manages the Hydra-70 rockets program.

Project Name: Hydra-70 70mm (2.75 inch) Rockets

Recipient: Action Manufacturing Company

Amount Requested: Support the President's Budget - \$114.8M to include the OCO request.

Purpose: The Hydra-70 rocket system is used by Army, Navy, Marine Corps and Special Operations helicopters and Navy, Marine and Air Force jet aircraft. The combat proven Hydra-70 is crucial for the accomplishment of anti-material, anti-personnel, and air-to-ground suppression missions in both Afghanistan and Iraq. The Hydra-70 Family of rockets includes eight different tactical warheads that provide combat overmatch and three training warheads required to ensure the war fighting readiness posture for U.S. aviation assets. The Project Manager Joint Attack Munitions Systems (PM JAMS) manages the Hydra-70 rockets program.

Project Name: Improving Healthcare for Underserved Patient Populations Through Diagnostic Ultrasound Training

Recipient: The Jefferson Ultrasound Research and Education Institute 132 South Tenth Street Philadelphia, PA 19107

Amount Requested: \$2,600,000

Purpose: This proposed program seeks to improve healthcare for underserved populations around the world with initial emphasis placed on centers in Africa and underserved populations here in this region. Disease processes in these populations often go untreated or treatment is begun in more advanced stages of the disease due to lack of facilities for early diagnosis. Diagnostic imaging using ultrasound is effective, sustainable and low cost, but is dependent on a highly trained instrument operator. This project will develop e-learning modules to provide the training required to support wide deployment of ultrasound diagnostic capability in underserved populations as well as expand an existing network of training centers that will serve as reference and support sites during implementation of the program.

Project Name: Inner-City Health Promotion Network

Recipient: Temple University 1330 West Berks Street Philadelphia, PA 19122

Amount Requested: \$2,000,000

Purpose: One of the most persistent challenges for meeting the health needs of North Philadelphia is the lack of primary care facilities that serve poor families. This causes many problems: 1) too many patients seeking primary care treatment in emergency rooms; 2) too few patients who are able to manage chronic conditions such as high blood pressure; 3) too many barriers for patients to acquire health information they need; and 4) a failure of patients to benefit from the new information technologies that are improving access to services, information, and care. Temple University will implement an Inner-City Health Promotion Network. The aim of the network is to build a sustainable health program that improves health care access for the 127,000 residents living within the three North Philadelphia zip code areas served by Temple University Hospital, one of the city's poorest areas. This network will include: trained community health workers, current health care providers affiliated in the community, and Temple University health care professionals.

Project Name: Institute for Environmental Stewardship

Recipient: St. Joseph's University 5600 City Avenue Philadelphia, PA 19131

Amount Requested: \$1,800,000

Purpose: The Institute for Environmental Stewardship will provide multiple benefits to Philadelphia and Delaware County by creating jobs, promoting energy efficiency, supporting research and providing educational opportunities for local elementary school children. While creating 40 green construction jobs, the new and renovated roof-top facilities will enhance the Institute's community outreach programs on biodiversity and endangered species conservation, agricultural threats and other issues.

Project Name: Institute for Violence Research and Prevention

Recipient: St. Joseph's University 5600 City Avenue Philadelphia, PA 19131

Amount Requested: \$750,000

Purpose: Urban violence is a complex issue necessitating multi-faceted solutions addressing victims, perpetrators, educators, community leaders and government officials. The primary mission of this project is to support and develop interdisciplinary approaches dealing with the crisis of violence in our society. The nationally recognized work of IVRP is accomplished by working with policy makers and affected parties to identify, create and advance state-of-the art strategies for violence prevention and intervention in our schools and communities, and, serve as a national model for other urban areas.

Project Name: Integrated Advanced Ship Control (IASC)

Recipient: L-3 Maritime Systems 9 Malcolm Hoyt Dr Newburyport, MA 01950

Amount Requested: \$3,000,000

Purpose: Phase III of the Integrated Advanced Ship Control (IASC) program would offer an improvement in ship-wide controls by standardizing control systems across classes of Navy ships while significantly reducing life-cycle costs associated with training personnel on outmoded and obsolete equipment. Phase III would be the final phase of the IASC program, and the end-product would be ready for shipboard use. This phase would continue the technical enhancement which includes the standardization of

hardware and software interfaces, evolving to a fully-open architecture configuration that will apply to all U.S. Navy ships. The primary focus will be to standardize interconnecting interfaces. Software development that supports commonality across the U.S. Navy fleet will be integrated into the system in accordance with the common Navy data library of components for Graphical User Interface (GUI) requirements. To support system development, initial prototype and operational testing was accomplished in a land-based environment, and the end-product will be a scalable, commonality-driven solution ready for shipboard use across the U.S. Navy. IASC will also lead to the centralization of the ship control console In-Service Engineering Activity (ISEA) and a reduction in the dependence on Original Equipment Manufacturer (OEM) proprietary products thereby expanding competition in accordance with section 202 of the Weapons Systems Acquisition Reform Act of 2009 (Public Law 111–23). The completion of the IASC program would also align with the Chief of Naval Operations (CNO) and Secretary of the Navy (SECNAV) strategic objectives by demonstrating commonality and cost reduction across the following U.S. Navy ship classes: CVN, LSD, DDG1000, DDG 51, LCS, and FFG.

Project Name: Intramural Programs for Middle and High School Grades

Recipient: The School District of Philadelphia 440 N. Broad Street 1st Floor, Portal B, Suite 1198 Philadelphia, PA 19130

Amount Requested: \$505,372

Purpose: The traditional model of intramurals involves students remaining in their school building to participate in one or two intramural programs, where a teacher in the building would be given Extracurricular (EC) hours to lead students in the sport activity. In this model it is difficult to measure fidelity and skill development, and the success of the program model is dependent upon active, interested staff in the building with the requisite knowledge base to lead the sport activity. Also, as a student progresses from middle grades to high school, opportunities to expand interest in one specific sport, or to reinforce acquired skills is not always available. The result is that an inadequate number of students in the district have access to quality sports programs.

Project Name: IRETA Training Academy

Recipient: Institute for Research, Education and Training in the Addictions 425 6th Ave. Suite 1710 Pittsburgh, PA 15219

Amount Requested: \$400,000

Purpose: It will provide 315 classroom/online hours, a 160-hour supervised practicum to prepare students for immediate employment in the addiction treatment system and/or the allied systems of healthcare, behavioral healthcare, welfare and criminal justice. Graduates of this six-month intensive academy will be tutored to pass the national exam and mentored during their first job and for two additional years as their careers progress. Students will be qualified to provide treatment to individuals and families struggling with addiction, as well as aid communities in reintegrating incarcerated individuals safely and humanely. Those in recovery and those seeking new careers will be the priority populations served.

Project Name: Joint Strike Fighter (JSF) TACModule™ Project

Recipient: Environmental Tectonics Corporation 125 James Way Southampton, PA 18966

Amount Requested: \$5,000,000

Purpose: FY2011 funding will support testing and evaluation of a Joint Strike Fighter (JSF) Tactical Aircraft Configuration Module (TACModule™) in the Authentic Tactical fighting system -400 (ATFS-400™). ETC has created the first high-fidelity “flyable” human centrifuge (the ATFS-400™) by wedding flight simulation and a high performance, human centrifuge—including appropriate G onset and realistic sustained Gs, actual cockpit configuration and aircraft dynamics, and high-fidelity visual and physical simulation. The 711 Human Performance Wing/Warfighter Readiness Research Division (711 HPW/RHA) would create test metrics and conduct evaluation assessment. This will include: determining what activities can be accomplished in the ATFS-400™, performing human subject testing and assessments in order to validate the authenticity of the ATFS-400™ training experience, and validating cost savings from implementing ATFS-400™ in the USAF training curriculum via extrapolation of test results. The project will significantly advance test and evaluation of the JSF in tactical environments at a minimal operational cost and in a safe environment.

Project Name: Keeping Philly Kids Safe and Active After School

Recipient: ASAP/After School Activities Partnerships 1520 Locust Street, Suite 1104 Philadelphia, PA 19102

Amount Requested: \$350,000

Purpose: Since 2002, ASAP has served more than 21,500 Philadelphia youth (K-12) citywide through a variety of after school enrichment initiatives and has provided information to parents and caregivers through a comprehensive Directory of After School Programs organized by zip code and maintained online. An estimated 45,000 youth in Philadelphia spend between 20-25 hours a week alone after school – with the most dangerous time 3-6 pm. Research shows that unsupervised youth are more likely to be the victims of violence or commit crimes. The benefits of after school activities to youth include increased academic achievement, improved attendance and behavior, respect for rules and guidelines, and better relations with peers and adults. Funding will be used to expand and support after school enrichment clubs in the following initiatives: The Philadelphia Youth Chess Challenge – A chess community of more than 4,000 students playing weekly in more than 200 clubs citywide; The Philadelphia Scholastic Debate League – A League of 20 debate teams in public schools citywide; Philly Plays Scrabble – A citywide literacy campaign that runs the month of October and continues with Scrabble clubs in schools, recreation centers and libraries throughout the year, currently with 50 clubs and 700 students playing weekly; Philly Dance – A citywide initiative of more than 50 clubs designed to increase the number of dance opportunities and to fight childhood obesity; Yoga Youth – A series of yoga classes in schools to promote relaxation and mind-body awareness, includes the only all-boys yoga club in the city, and Theater Works – With 15 clubs to increase artistic opportunities for Philadelphia youth in order to provide a positive outlet for selfexpression.

Project Name: Laboratory Renovation/Reconstruction

Recipient: The Wistar Institute 3601 Spruce Street Philadelphia, PA 19104

Amount Requested: \$3,000,000

Purpose: The Wistar Institute is requesting funding to support the project costs associated with renovation/reconstruction of its aging medical research facility in the University City District of West Philadelphia, Pennsylvania. In 2005, The Wistar Institute commissioned a comprehensive architectural and engineering assessment of its facility that identified significant building design and infrastructure deficiencies: engineering systems in imminent danger of failure, fixed structural elements that impede the creation of large, open laboratories conducive to team science, windows that leak, and foundations too weak to support upward expansion of the facility. The study recommended reconstruction of much of the facility. Responding to these findings, the Institute has developed plans for demolition of its vivarium, renovation of the ground floor of the northwest wing of the facility and construction of a six story in-fill tower housing new research laboratories. Anticipated total project costs are \$70-80 million.

Project Name: Liberty Academy

Recipient: Liberty Resources 714 Market Street, Room 100 Philadelphia, PA 19106

Amount Requested: \$500,000

Purpose: The Liberty Academy program at Liberty Resources, Inc. delivers a non-traditional and consumer driven skills training model for persons with disabilities. The Academy's role is to provide education and feedback to vocational students, regularly permitting them to assess and redefine their motivations, enabling them to strive towards their own, self-directed goals better. The self-directed approach encourages students to recognize when commitment to a presumed path drops. At the core of the Academy's philosophy is that self-directed successes will be the most complete and lasting successes. Liberty Resources, Inc., Philadelphia's Center for Independent Living, developed this innovative approach in 2001. The Academy's customized and standardized tests have been delivered to over 400 candidates. The program is funded nearly exclusively with state dollars, yet does not receive federal matching funds. The total budget for the program is approximately \$850,000 annually to train and graduate 30 individuals annually.

Project Name: Maintenance Planning and Assessment Technology (MPAT) Insertion

Recipient: Progeny Systems Corporation 4900 S. Broad Street Philadelphia, Pa 19112

Amount Requested: \$3.0M

Purpose: PIDC is a not for profit company supporting economic efforts throughout the Philadelphia area. These funds will be used to further enhance and are at the forefront of using commercial-off-the-shelf (COTS) hardware and open source/open standards software in the development of front-line military combat systems. This business approach drives down total operating costs, provides better capability, and expands employment opportunity in the Philadelphia/Delaware County area.

The development of an Open Architecture and Open Standard set of solutions that could be adopted by a broad range of ship platforms, and other Service's military systems, enabling huge cost avoidance for the Government. For example, in submarine tactical system development the cost of a new system has been reduced by hundreds of millions of dollars. This effort is a component in a similar vision for non-tactical/information technology based systems. As shipboard operations and work process automation

becomes a reality on U.S. Navy ships the reliance of the software functionality and network operations to plan and assess shipboard maintenance across the Fleet are critical. Previously, adequate collection of information and assessment was either non-existent or was done by antiquated computer systems with expensive hardware/software and proprietary systems. This approach is cost prohibitive and uses additional valuable operations and maintenance (O&M, N) funding that is under fiscal pressure to be reduced.

Project Name: Market Street Headhouse Renovation

Recipient: City of Philadelphia 1515 Arch St, 13th Floor, Philadelphia, PA 19102

Amount Requested: \$5 million

Purpose: The City would renovate and upgrade the Reading Headhouse entrance to the Gallery on Market Street. This is part of the City's larger Market Street renovation strategy. This entrance is the gateway to a multi-modal transportation facility as well as a retail facility selling food (Reading Terminal Market) and an indoor mall (the Gallery). This renovation would enliven a distressed section of Market Street as well as add leasable retail space on the ground floor. It would be leveraged by private investment in the upper floors of the Gallery. The strategy is not only to provide improved signage to direct passengers to the Transit Hub and restore the historic Headhouse's bold outsized canopy, but to make the entrance to the Transit Hub part of a larger vision, integrated into a major new downtown food destination and culinary institute to give it a presence commensurate with its importance to the district and the region.

Project Name: Mazzoni Site Consolidation Project

Recipient: Mazzoni Center 21 South 12th Street, 12th Floor Philadelphia PA 19107

Amount Requested: \$300,000

Purpose: Mazzoni Center seeks federal funding to purchase and renovate a much-needed physical space to consolidate its operations into a more streamlined and appropriate environment. The Center reaches over 30,000 Pennsylvanians each year through medical, mental health, legal, and psycho-social services and has reached its physical capacity by operating at three separate locations. In addition, Mazzoni serves thousands of those living with HIV/AIDS throughout the district, most of whom are not members of the LGBT community. The vast majority of Mazzoni's clients are living at or below the federal poverty level.

Our success in managed growth has been combined with the provision of quality, compassionate, and professional services. Since 2000, Mazzoni has expanded the scope of services by 10% to 15% every year; over the past four years, Mazzoni increased staff by 40% and saw a growth in revenue of 46% in that same period. As Mazzoni expanded, so did the need for a physical space in which to provide our clients and staff with a suitable, efficient, and confidential environment.

Currently, Mazzoni Center's operations are housed in three separate locations in the Center City area, a situation that makes both coordination and communication among clients, staff, and departments challenging. Mazzoni Center staff and thousands of clients have to contend daily with the inappropriateness and inefficiencies of shortages in exam

rooms, group/counseling rooms, overbooked therapy space, inadequate conference and training rooms, crowded administrative offices, and a crippling lack of storage space. As Mazzoni Center has continued to expand, therefore, our reliance upon the ability of rental properties to meet our space demands has become less and less tenable.

Project Name: Mentorship and Education: Rebuilding Communities Initiative

Recipient: Thurgood Marshall College Fund 80 Maiden Lane, Suite 2204 New York, NY 10038

Amount Requested: \$5,000,000

Purpose: The Thurgood Marshall College Fund's Member Institution Mentorship and Education: Rebuilding Communities Initiative will provide development and training opportunities for at-risk youth and incoming students to HBCUs nationwide. This initiative will deliver quality education programs, enhance supplemental learning opportunities and increase services to Public Historically Black Colleges & Universities, their communities and students. It will significantly equip and partner African-American male mentors with at-risk middle and high school male students of color, particularly African American, certifying advocates and role models for the youth within local communities. This initiative will recruit over 1,100 at-risk male students of color to serve as participants in this mentoring program. Each mentor will be matched with five at-risk middle and high school student mentees.

Project Name: Mercy Fitzgerald Hospital (MFH) Electrophysiology Equipment

Recipient: Mercy Fitzgerald Hospital 1500 Lansdowne Avenue Darby, PA 19023

Amount Requested: \$300,000

Purpose: In its Cardiovascular Service Line, Mercy Fitzgerald Hospital currently offers limited heart-rhythm management procedures that include Pacemaker and Implantable Cardioverter Defibrillator (ICD) implantations. Currently, MFH has an antiquated diagnostic electrophysiology system that needs to be upgraded to meet the needs of cardiac patients as well as advance the standard of care they receive.

From 2006-2016, the only age population projected to grow in MFH's market is the 60-74 age group. Coincidentally this particular population would benefit most from a comprehensive cardiovascular care program that includes updated electrophysiology services capable of accurately diagnosing and treating cardiac patients.

In addition, a 30 percent growth in volume is projected over the next five years for MFH's service areas. The hospital is already serving the community with basic Electrophysiology services, however the hospital doesn't have a dedicated Electrophysiology Lab. While basic procedures can be performed in the Catheterization Laboratory or Operating Room, scheduling difficulties often arise. With a growing population of elderly patients, prone to certain electrophysiological syndromes that merit special consideration, MFH is pursuing the funding needed to meet the needs of their patients.

Project Name: Mid-Atlantic River Basin Commissions

Recipient: Susquehanna River Basin Commission 1721 North Front Street Harrisburg,

PA 17102-2319

Amount Requested: \$2,365,000

Purpose: The commissions provide a significant amount of service and function that would otherwise be borne by the USACE and other federal agencies in the furtherance of federal interests. Furthermore, the commissions play a critical role in the allocation of waters on a basin scale, including allocations among and between the member states. This function, which results in the avoidance of interstate conflict, certainly advances federal interests in a very significant way. Indeed, the Mid-Atlantic RBCs have a demonstrated track record of putting programs in place that prevent or avoid problems, rather than dealing with them in crisis mode -- a cheaper and more effective use of taxpayer dollars. Furthermore, the commissions play a critical role in the allocation of waters on a basin scale, including allocations among and between the member states. This function, which results in the avoidance of interstate conflict, certainly advances federal interests in a very significant way. Indeed, the Mid-Atlantic RBCs have a demonstrated track record of putting programs in place that prevent or avoid problems, rather than dealing with them in crisis mode -- a cheaper and more effective use of taxpayer dollars.

Project Name: Million Books Project, Inc. African and Caribbean Education and Support Program (ACES)

Recipient: Million Books Project, Inc 5601 Vine St, Unit 9 Philadelphia, PA 19139

Amount Requested: \$75,000

Purpose: ACES provides English as a Second Language (ESL) and direct services to the African and Caribbean immigrants in Philadelphia to improve the quality of life.

Language interpretation and supportive services are provided.

We provide ESL support/coaching and direct services to the African and Caribbean immigrant community. Direct services such as literacy coaching, case management and behavioral support are provided to children currently attending public and charter schools to increase student achievement and lower the dropout rate in Philadelphia with systemic improvement and student retention being the end result. The School District of Philadelphia has identified 85 underachieving schools in Philadelphia. Many of those schools exist in the 19142 area, which presently has a high immigrant population.

Identical services are provided to parents and/or caregivers, individuals and families, children and elderly to improve the quality of life, in addition to linkage of services within local, state and federal government agencies as well as community based organizations for additional resources and services. This program was established for the sole purpose of strengthening this specific immigrant population. We also provide diversity and mediation workshops to bridge the gap between this specific community and the African American and other ethnic groups in the Southwest region. We are currently implementing our program at the Morton Elementary School in Southwest Philadelphia.

Project Name: Minimally Invasive Surgical System

Recipient: Albert Einstein Healthcare Network 5501 Old York Road Philadelphia, PA 19141

Amount Requested: \$1.3 million

Purpose: Robotically-assisted minimally invasive surgery takes surgery beyond the limits of the human hand, introducing precise, versatile instrument movement combined with three-dimensional visualization of the operative site. A robotic surgery system will allow Einstein physicians to perform many kinds of major surgery with less patient trauma and pain, minimal scarring, faster recovery and shorter hospital stays. Surgeries will be performed through small incisions, which replace the large incisions needed for conventional open surgeries.

Project Name: Minority Science Initiative- Department of Energy

Recipient: Thurgood Marshall College Fund 80 Maiden Lane, Suite 2204 New York, NY 10038

Amount Requested: \$5,000,000

Purpose: The Minority Science Initiative will continue the Thurgood Marshall College Fund partnership with the Department of Energy to produce the next generation of scientific leaders by expanding efforts to attract and retain talented minority students who will pursue future research, development, teaching and training careers consistent with the manpower needs of Energy. The Minority Science Initiative will provide technology support to member institutions to ensure that they have the IT and technical capacity they need to adequately provide state-of-the-art scientific instruction and provide students with technology support they need to participate in scientific study and research. This will provide the Department of Energy increased access to the public HBCU community through the TMCF network of 47 member institutions in support of Energy's outreach efforts.

Project Name: Multispectral Imaging for Small UAVs

Recipient: RL Associates, Inc. UTP Bldg #2, Suite 2550 1350 Edgemont Ave Chester, PA 19013-3967

Amount Requested: \$4,000,000

Purpose: Navy needs multispectral imaging capability to detect and characterize underwater objects; and present plans include expanded use of small unmanned aircraft systems to perform this mission, and a much lighter system is required to accommodate the smaller platform. This project takes the best sensor technology previously developed, and miniaturizes it, integrates into a much lighter, very small turret. Under an SBIR phase II program, we are currently developing a small 4-5 channel Multispectral Imaging (MSI) system weighing less than 5 lb, for use on all small Unmanned Aircraft System (UAS) platforms. The NAVY Fire Scout and STUAS programs, both programs of record in the Navy's budget, have endorsed the further development of our MSI pod for integration onto their platforms in out-year production. These and other UAS platforms are becoming prevalent in all branches of the DOD for use in aerial surveillance of underwater objects as well as land-based detection and classification of hostile forces and deadly devices. Other examples of UAS-based systems include the DEA's use for drug-interdiction and the US Forestry service use for forest-fire rescues. In all of the above listed scenarios, capturing the same image in 4 or 5 different color bands allows for the rapid discrimination of "targets-of-interest" from the clutter of ground or water surfaces that contain no meaningful information. An automatic zoom feature in the RL Associates MSI pod further allows for the proper identification and classification of the target once it has been located. The RL Associates Inc. MSI pod is based on a patented holographic beam-splitting technology that has been developed under NAVY SBIR phase II funding. It offers significant performance

enhancements over current 3 channel MSI's including more channels for discrimination, smaller

Project Name: Mural Workforce Program

Recipient: Philadelphia Mural Arts Advocates The Lincoln Financial Mural Arts Center at the Thomas Eakins House, 1727-29 Mount Vernon St., Philadelphia, PA 19130

Amount Requested: \$500,000

Purpose: The Mural Arts Re-entry program called "The Guild," provides jobs to individuals coming out of five area prisons in order to ease their transition back into society and the workforce. Additionally, The Guild pays approximately 40 youth partners to work for 20 hours per week on our Mural Restoration Crew, training them in industries that connect with Mural Arts activities: basic painting, sealing, stucco, and brick wall repair and preparation; landscaping, cleaning and lot reclamation; conservation; and the creation and restoration of murals. The \$500,000 request would expand The Guild for incarcerated individuals leaving prison and individuals viewed as highly at-risk by the District Attorney's office and the court system by providing workforce development and employment opportunities designed to better prepare these men and women for their return to their communities and to the workforce. The recidivism rate for MAP participants is 13 percent as compared to Philadelphia's 65 percent rate overall.

Project Name: Nano-structure High Energy Density Capacitors (HEDCAPs)

Recipient: Innovative Systems Engineering 985 Mearns Road, Mearns Park Warminster, PA 18974

Amount Requested: \$3,501,625

Purpose: NAVSEA has a critical need to reduce the cost and time for refurbishing the propulsion shafts of surface vessels, such as the Guided Missile Cruiser (CG) Destroyer (DDG) and the Guided Missile Frigate (FFG) classes of ships.

Project Name: Navy In Transit Visibility System- GTMO

Recipient: Strengthening the Mid-Atlantic Region for Tomorrow (SMART) 401 South 2nd Street Suite 305 Philadelphia, PA 19147

Amount Requested: \$2,000,000

Purpose: Accountability, traceability, in transit visibility and financial control over government assets moving between CONUS and GTMO. Money saved and cost avoidance equals estimated potential savings of \$50 million in benefit to the Navy and DoD.

Project Name: NCCF Legal Services Program

Recipient: National Comprehensive Center for Fathers 714 Market Street 7th Floor Philadelphia, Pa. 19106

Amount Requested: \$211,907

Purpose: The Legal Services component of NCCF is designed to specifically address legal service issues which pose barriers to participants successfully completing the Fatherhood Initiative Program (FI). Participants are assessed and evaluated by the Legal Services Unit regarding their legal issues which often include, but are not limited to: child support and child support enforcement; child custody, visitation, sometimes

allegations of child abuse; and, Traffic Court infractions, which if not resolved, prevent program participants from obtaining employment and frequently result in arrest. The current NCCF Legal Services Program was funded by the Commonwealth of Pennsylvania's Bureau of Employment and Training Programs (BETP) which recognized the inherent disparity regarding the non-availability of legal service assistance for fathers. Most non-profit legal service entities, including state and local Bar Associations which sometimes provide pro bono services, have a plethora of legal service assistance programs designed to assist and empower women and children. Fathers, and particularly minority fathers, were relegated to the traditional entities for legal assistance when they could not afford an attorney. The traditional institutions continued to be insensitive to fathers generally and minority men in particular; and, therefore, were not utilized by this population in any significant manner in Philadelphia County. Frequently, rather than face the uncertainty the judicial system traditionally provides, many minority fathers choose to abscond rather than subject themselves to judicial process. Through its legal services program (in the Philadelphia region), NCCF has positively highlighted the paradigm shift minority fathers have voluntarily initiated in the last ten years which genuinely demonstrates a resurgence and acceptance of their role as nurturer and provider for their children. The Legal Services Program currently services 6 out of 10 enrolled participants. Program participants are required to attend all court proceedings and pay child support as a condition of being in the program.

Project Name: NCCF Workforce Behavioral Health Program

Recipient: National Comprehensive Center for Fathers 714 Market Street 7th Floor Philadelphia, Pa. 19106

Amount Requested: \$217,350

Purpose: The Workforce Behavioral Health Unit (WBHU) is a new unit which was developed to enhance job retention (i.e. keeping participants in their jobs post placement for a minimum of 3 months and a maximum of 6 months as a programmatic goal) by providing comprehensive social services working with the employer to address barriers which occur during their post placement probationary period and thereafter. The goal is to improve overall job and program retention as mandated by Pennsylvania's Bureau of Employment and Training Programs. Participants referred to this unit are assessed and evaluated and may receive some or all of the following services: conflict resolution, managing emotions, anxiety, depression, alcohol and drug abuse training(s) and/ or referral(s) to an appropriate social service agency for treatment or trainings. The Unit will also provide post placement case management for all program participants. This funding will enable NCCF to provide this core service to all of its current program(s) participants which would include the "Philly Renew" and NCCF Fatherhood Initiative Program(s). The total number of program participants currently eligible for this core service is 510 program participants.

Project Name: Neighborhood Connectivity Court

Recipient: American Cities Foundation 2401 N. 54th Street Philadelphia, PA 19131

Amount Requested: \$5,114,144 over two years

Purpose: The City of Philadelphia needs to expand its Community Court into other neighborhoods beyond its current Center City catchment area. The Neighborhood

Connectivity Court will do just that. Building on the success of the center city model and incorporating best practices from other jurisdictions, this neighborhood-based court diversion and restorative justice project will enhance the quality of life for neighborhood residents by reducing crime and providing opportunities for offenders to be accountable to the community in which he/she has committed crime. The crime prevention element of this program will stem from the intense rehabilitative support that each offender will receive. Such support can range from drug and alcohol treatment to job training or GED preparation. Community leaders and others, such as retired social workers and police officers partnering with the judges, District Attorney and Public Defender and the other professional staff will maximize resources and create a sense of ownership in the program. The community as a whole will benefit through local public service projects that would be a part of each offender's sentence. Finally, this type of program will help lessen Philadelphia's prison overcrowding and the attendant cost (estimated at \$34,000 a year), through the increased utilization of electronic bracelets in conjunction with the community-based sentence.

By creating a Neighborhood Connectivity Court in each neighborhood, Philadelphians would have the ability to address problems within their own communities. By linking offenders to on-site community based social services programs we hope to combat recidivism. By addressing each offender individually, we seek to deal with the underlying problems that lead to crime.

Project Name: North American Clinical Trials Network

Recipient: Christopher Reeve Foundation, in conjunction with Thomas Jefferson University 636 Morris Turnpike, Suite 3A Short Hills, NJ 07078

Amount Requested: \$4,800,000

Purpose: The Christopher Reeve Foundation created the North American Clinical Trials Network (NACTN) to satisfy the need for a clinical network to conduct multi-center randomized trials of emerging therapies for spinal cord injury (SCI). NACTN's mission is to carry out clinical trials of the comparative effectiveness of new therapies for SCI using an established consortium of neurosurgery departments at university-affiliated medical center hospitals and military hospitals with medical, nursing and rehabilitation personnel who are skilled in the evaluation and management of SCI.

An estimated 67,000 active duty military members and veterans suffer from SCI. Since its creation in 2004, NACTN has successfully created a clinical network capable of treating acutely injured SCI patients and testing promising new therapeutics in clinical trials designed to insure maximum patient safety and meaningful and interpretable data. NACTN has also created and expanded its data registry to include 350 acutely injured SCI patients. These patients are currently being followed medically/neurologically for one-year post-injury to document the natural course of recovery. Enrollment in the data registry continues at all NACTN centers. An international task force, Neurological Outcome Assessments Initiative (NOAI), has also been established to develop, test and validate new, more sensitive measures of recovery of sensory/motor function for use in human clinical trials.

This funding request of \$4,800,000 will provide for the maintenance of the existing NACTN Centers, adding new centers to the Network, upgrading and maintaining the Pharmacology Center and the Data Management/Statistical Center, ongoing research by NOAI and continued clinical trials.

Project Name: North Philadelphia Health System Cardiovascular System

Recipient: North Philadelphia Health System 1524 W. Girard Avenue Philadelphia, PA 19130

Amount Requested: \$500,000

Purpose: The Cardiovascular System, Phillips Allura Xper, provides quality imagery with advanced diagnostic and interventional tools, seamlessly integrated into the clinical workflow. This system offers unique Live 3D guidance tools for both vascular and non-vascular procedures, including interventions such as biopsies, drainages inserting catheters and stenting narrow ducts or vessels. This dramatically expands the range of interventional procedures that can be performed and will enable NPHS to perform these necessary procedures on our patients allowing for faster recovery time and a significantly lower risk of infection. Procedures that once would have required hospitalization can now be performed on an out-patient basis which has a significant savings in health care cost.

Project Name: OARC Urban Energy Conservation Program

Recipient: Ogontz Avenue Revitalization Corporation (OARC) 1536 Haines Street Philadelphia, PA 19126

Amount Requested: \$42,875,000

Purpose: The funding would be used to develop the OARC Urban Energy Conservation Program, which will focus on energy consumption, consumer education, and economic growth. The Program will provide 15,000 homes with energy efficient products and services, will feature an educational component for consumers to effectively manage energy usage, and create nearly 200 green- jobs. The Urban Energy Conservation Program will feature hands-on applied learning for students, instruction by BPI and Resnet certified energy auditors, as well as a referral network for environmental internships and green jobs. Students will gain knowledge and skills by researching the best green building technology on the market, and learn the science and math that are the foundations of conservation and urban ecology. Students will also be exposed to soft skills associated with obtaining employment, and learn about careers in green building trades, food systems safety, LEED inspection and certification, architecture, and landscape design.

Project Name: Obesity Prevention Partnership

Recipient: The Wellness of You, Inc. 814 S. 15th Street Philadelphia, PA 19146

Amount Requested: \$150,000

Purpose: The Obesity Prevention Partnership is a community partnership between The Wellness of You, Inc and the Marion Walker & Mercedes Botts (MWMB) Youth Foundation which is designed to improve the health of minorities in low income, inner city neighborhoods, who are affected by overweight and obesity. In 1996 Faatimah Gamble founded The Wellness of You, Inc. as a means of introducing healthy lifestyle practices to underprivileged and medically underserved communities. Over 25,000 individuals has benefited from the programs, workshops and events produced by The

Wellness of You. The Wellness of You has a network of thousands of Philadelphians and will provide the community outreach and administration of this project as well as the recruitment of youth participants.

Project Name: Ophthalmic Robotic Surgery

Recipient: Wills Eye Health System 840 Walnut Street Philadelphia, PA 19107-5109

Amount Requested: \$5 million

Purpose: Wills Eye Institute has provided its educational and patient care expertise to military medicine through collaborations with the Telemedicine Advanced Technology Research Center [TATRC]. Through these programs, we have transformed the knowledge, expertise, and skill of Wills Eye from a local Philadelphia resource into a 24-7, 365 day program available and accessible to all military eye care personnel world-wide.

We have achieved the following objectives: [1] web site through which military personnel can access all the Wills Eye educational material and can obtain continuing medical education credits [CME], www.willseye.org; [2] implementation of a tele-ophthalmology program aimed at providing evaluations and access to healthcare for diabetics. This program overcomes barriers of care created by healthcare disparities and has provided an economic model for wider deployment of this technology throughout both the military and civilian healthcare systems; [3] deployment of a tele-ophthalmology bus in Philadelphia to examine both pediatric and adult patients at high risk for potentially blinding diseases [4] developing state of the art diagnostic center with all of the latest ophthalmic imaging devices that have upgraded care in the Philadelphia region and will be part of future hands-on training programs for military eye care personnel.

With future appropriations, we plan to continue these 4 projects. We now wish to expand our tele-ophthalmology program to the surgical theater with tele-robotic surgery. We envision two clinical applications for this technology: [1] for deployed troops we will develop tele-robotic surgery so that corneo-scleral lacerations can be closed used robotic on-sight technology at the first evacuation point from the battlefield; and [2] we will develop remote surgical capabilities for orbital and retinal lesions that cannot be safely accessed by standard manual surgical procedures. These projects will ultimately benefit our war-fighters as well as patients in civilian medicine with complex retinal and orbital problems.

Project Name: Overington House, Inc.

Recipient: Overington House, Inc., 1528 Overington Street Philadelphia, PA 19124

Amount Requested: \$200,000

Purpose: Safe housing and intensive supportive services to help women with multiple needs recover from homelessness, abuse and addiction, learn to live more independently, and provide a brighter future for their children.

Project Name: PAGoSolar

Recipient: Green Home Improvement Corporation 1239 S. Warnock St Philadelphia, PA 19147

Amount Requested: \$750,000

Purpose: The PaGoSolar program is designed to help low-middle income homeowners install solar power on their homes. These are homeowners who would normally not be able to afford the high cost of a solar installation. How the PaGoSolar program works is actually simple. We have combined the best attributes of a solar purchase program with a solar lease program. This means that low-middle income homeowners will be able to have solar power installed on their homes with little or no money up front. Then, after any applied rebates, the homeowner pays the balance in monthly installments. These payments are calculated based on the savings off their monthly electric bill. By basing the monthly pay back amount on savings, we keep the monthly cost to the homeowner neutral.

Project Name: Parents Help Line for Drug and Alcohol Abuse Solutions

Recipient: Treatment Research Institute 600 Public Ledger Building 150 Independence Mall South Philadelphia, PA 19106-3475

Amount Requested: \$300,000

Purpose: The Parents Help Line for Drug and Alcohol Abuse Solutions will complement the comprehensive online resource center for parents (available at www.drugfree.org) created by the Treatment Research Institute (TRI) in Philadelphia and the Partnership for a Drug-Free America. The toll-free line will serve the 26 percent of adults who do not use the internet (including many Hispanic parents), as well as those who wish to speak directly with a trained professional who can provide them with one-on-one guidance. The Help Line will play an important role in the prevention of teen and young adult drug or alcohol abuse, and will guide parents and caregivers on how to take effective action when they believe their child is using drugs or drinking. If counseling or treatment is needed, trained professionals will identify options and local resources, and provide guidance during recovery or relapse.

Funding will be used to set up the help line and staff it with two new employees, both of whom will be accredited healthcare professionals trained and stationed in the offices of TRI in Philadelphia. Funding will also cover the dissemination of follow-up materials to callers as requested and the regular distribution of reports on call volume/content and indicated needs. These reports will help inform development of new web-based resources and materials for parents.

Project Name: Peer Care Support 16

Recipient: Mothers In Charge 2233 W. Allegheny Avenue Suite 300 Philadelphia, PA 19132

Amount Requested: \$95,380

Purpose: The Peer Care Support 16 program is an outreach service provided by the MIC Victims Support Center for mothers and/or family members who have lost loved ones to violence. This program is unique in that each trained counselor has experienced the tragedy of losing a child to violence. These peer counselors will be trained by a certified mental health professional and supported by the program coordinator. In addition, we will combine the use of the creative arts therapies with specialized, traumatic grief counseling. After case file review, the peer support counselors will contact all families via mail. Upon

accepting the offer for Peer Care Support 16 services, clients will be assigned a one on one peer counselor. The client will have the same peer counselor throughout the sixteen-week period for which the counselor will be responsible for maintaining contact and accommodating resource/referral requests. The program will run two 16 week cycles serving 50 clients each cycle for a total of 100 clients served.

Project Name: Philabundance Job Training and Hunger Relief Center

Recipient: Philabundance 3616 S. Galloway Street Philadelphia, PA 19148

Amount Requested: \$5,780,000

Purpose: The funding will go directly toward Phase II of this project, covering construction and equipment costs associated with a job training and food processing kitchen. This project will allow us to train up to 120 people per year at our relocated Community Kitchen. Individuals will be taught to cook in a large scale, USDA certified kitchen, akin to those many of our employer partners (Aramark, Sodexo, etc.) use in daily operations. This equipment will also allow Philabundance to process meals for mass consumption, thus allowing us to provide food to myriad shelters, soup kitchens, school, and senior centers throughout the Delaware Valley. Philabundance is currently the second greatest produce-providing food bank in the country, due, in large part, to our proximity to Philadelphia ports. The addition of the production kitchen will allow us to garner greater quantities of fresh, healthy produce, and extend its life cycle through processing.

Project Name: Philadelphia and Delaware County Spray Patching Pothole Repair Program

Recipient: Patch Management Inc. 751 Tyburn Road Fairless Hills, PA 19030

Amount Requested: \$750,000

Purpose: With our recent deluge of snow and ice, clearly the next problem facing Pennsylvania's roadways are the potholes that such freeze and thaw weather patterns generated. PMI will provide Philadelphia and Delaware County with two specialized pothole killer trucks to perform spray injection repairs on all local roads and county owned asphalt surfaces where access can be accommodated. This environmentally safe process utilizes recycled materials and a single operator can fix a pothole in minutes as opposed to traditional five man crews who can only repair a few each work day. PMI intends to identify potholes by establishing a route specified as "traditional pothole prone" roadways as well as a call-in number would be established to identify potholes that are reported by constituents. Furthermore, the repair trucks when not on their specific routes or responding to individually 'called-in' potholes will be roaming to address existing potholes. At the end of each workweek, PMI will provide your office with a computerized list of the locations where the trucks have completed repairs via our accountability reporting system. PMI will perform quality control inspections to ensure the program achieves the highest level of productivity attainable. We will set up on a windows based computer our tracking and communications software for your use while you are participating in the pilot program in order to communicate with constituents that reported repairs have been completed. This will be a 7.5 hour per day, 5 day per week program. It will run Monday through Friday each week for one year upon awarding of the grant. We anticipate 10 new jobs will be directly created. Simply put, well maintained

roads within Philadelphia and Delaware County will create more commerce, tourism and a quality of life friendly atmosphere and should generally induce other job creating opportunities.

Project Name: Philadelphia Housing Authority Safety and Security Program

Recipient: Philadelphia Housing Authority 12 S 23rd St. 6th Floor Philadelphia, PA 19103

Amount Requested: \$1,000,000

Purpose: The Philadelphia Housing Authority (PHA) seeks to establish anti-crime teams which will be located throughout its 6 public housing sites within and around Philadelphia. Each team will consist of one police sergeant, four police officers, and one social services coordinator. The purpose of these teams is to increase the safety and security throughout the public housing sites in the area by decreasing violence against women and children in the home, creating a safer environment for children, significantly decreasing juvenile delinquency, and reducing the overall instances of violent and non-violent crimes.

Project Name: Philadelphia Navy Yard-Seawall Rehabilitation

Recipient: Philadelphia Authority for Industrial Development (PAID) 2600 Centre Square West 1500 Market Street Philadelphia, PA 19102

Amount Requested: \$1,000,000

Purpose: Funding would be used for engineering design and relocation of utilities (electric, water, gas) that are currently supported by the structure. Broad Street is the main access to The Navy Yard. An approximately 800 foot portion of the street is built on a timber deck which is over 100 years old. Recent tests have indicated that portions of the structure are severely deteriorated and need complete replacement. One lane of traffic has already needed to be closed due to the weight limits necessitated by this condition. If Broad Street were to be completely closed, it would drastically reduce access to all Navy Yard occupants. This would severely impact the 7,000 current civilian and military employees as well as limit redevelopment opportunities at The Navy Yard.

Project Name: Philadelphia Retention and Persistence Program

Recipient: Community College of Philadelphia 1700 Spring Garden Street Philadelphia, PA 19130

Amount Requested: \$500,000

Purpose: This program will target African-American males who are recent high school graduates entering college for the first time. It will provide students with support coaches, counseling, academic support, life skills workshops, cultural enrichment activities and financial assistance, as needed. It will fulfill the mission of Social Services Demonstration grants by developing innovative approaches to job retention and advancement on populations receiving, and at risk of receiving, welfare.

Project Name: Philadelphia Senior Center – Main Branch Renovations and Repair

Recipient: Philadelphia Senior Center 509 South Broad Street Philadelphia, PA 19147

Amount Requested: \$468,287

Purpose: This capital improvement project will allow the Center to continue providing

services to Philadelphia seniors. Nutritious lunches, educational and social services and volunteer opportunities are provided which helps seniors stay active and healthy. Center participation and services prevent seniors from needing more intensive and costlier levels of care. The project's modern updates will also increase energy efficiency in the Main Branch Center's two joined buildings, which were constructed in 1911 and 1976. The recommended improvements include: installation of electric doors for the handicapped, updates to all bathrooms which lack adequate plumbing and ventilation, along with needed upgrades to computer education equipment for seniors and to equip professional staff with computers so that they can easily access resources and keep accurate, up-to-date client service records.

Project Name: Philadelphia Shipyard Flood Damage Reduction

Recipient: PHILADELPHIA INDUSTRIAL DEVELOPMENT CORPORATION (PIDC)

Amount Requested: \$6,650,000

Purpose: The sea wall extends eastward 6,700 feet along the Delaware River. Large portions of the wall and its supporting pilings are more than 100 years old. Deterioration of the seawall is threatening buildings listed on the National Register Historic District and utilities. Additionally, the poor condition of the sea wall limits future redevelopment opportunities at the Navy Yard. Funding would allow the completion of the design and implementation of the urgently needed restoration for protection from flood damages.

Project Name: Philadelphia Waterfront Transit Expansion Project, Phase II Analysis

Recipient: Southeastern Pennsylvania Transportation Authority (SEPTA)

Amount Requested: \$10 million

Purpose: SEPTA is requesting a \$10 million grant to fund a supplemental analysis that will ready the Philadelphia Waterfront Transit Expansion project for the Federal Transit Administration's Major Transportation Investment Process. This critical stage of the project's development will refine the "locally preferred alternative," assess environmental impacts, and conduct preliminary engineering to ensure that the light rail line's alignment maximizes the value of public funds that ultimately will be expended on the project. The current alignment is estimated to cost between \$364 and \$514 million to construct, and carry between 12,000 and 15,000 passengers daily.

Project Name: PhillyCarShare Affordable Transportation Initiative

Recipient: PhillyCarShare 125 South 9th Street Suite 1000 Philadelphia, PA 19107

Amount Requested: \$440,000

Purpose: The assistance that we are requesting would be funds to add to our fleet, replace aging less efficient vehicles, and allow us to expand our operations into Philadelphia neighborhoods that are not currently served by car sharing. The request would be to replace 25 vehicles and add an additional 25 vehicles. The total purchase price would be \$550,000 (50 vehicles x \$11,000 per vehicle).

Project Name: Portable Helicopter Oxygen Delivery System Generation III

Recipient: Drexel University/ College of Medicine 3141 Chestnut Street Philadelphia, PA 19104

Amount Requested: \$3 million

Purpose: The US Army Air Warrior program manager in conjunction with the US Army Aeromedical Research Laboratory developed the Portable Helicopter Oxygen Delivery System (PHODS) due hypoxic events during the onset of OEF. PHODS is a pilot-mounted supplemental oxygen delivery system that allows aircrews to make the best use of available

oxygen by automatically increasing supplemental oxygen as the altitude increases. The US Army is operating 2,000 on-person units built by Aqua Lung in Afghanistan today. The Army reports that aircrews sometimes forget to breathe through their noses during high altitude missions. Because the PHODS delivers supplemental oxygen through a nasal cannula, it is imperative that the warfighter inhales through the nose to maintain normal blood-oxygen levels. Currently, there are no continuous measurements of key vital signs during flight. The PHODS Generation III will provide a physiologically based control of oxygen flow, which means: 1) the warfighter gets more oxygen when it is needed and 2) oxygen is conserved during low demand. Thus, the warfighter is more effective and mission duration can be extended, therefore decreasing logistical constraints.

Project Name: Portable Pediatric Imaging Equipment

Recipient: The Children's Hospital of Philadelphia 34th St. and Civic Center Blvd. Philadelphia, PA 19104

Amount Requested: \$200,000

Purpose: Funding would provide for the purchase of a portable Computed Tomography (CT or CAT Scan) machine that would allow imaging for pediatric patients that are too ill to be transported to the Hospital's Radiology Department. This equipment provides better care to the patient while eliminating the time, effort and risk associated with transporting critically ill patients from their hospital beds or operating rooms to a fixed CT scanner. Pediatric patients who are too medically fragile to be transported can now be scanned at the bedside, where critical care providers and parents can be nearby to provide support during the scan. Bedside scans also allow parents to engage in the care of their child and keep the patient calm and still, which results in improved experiences and outcomes.

Project Name: Positive Outcomes for Youth Initiative"

Recipient: Boys & Girls Clubs 1518 Walnut Street, Suite 712 Philadelphia, PA 19102

Amount Requested: \$728,000

Purpose: Funding will implement Boys & Girls Clubs of Philadelphia's (BGCP) "Positive Outcomes for Teens Initiative," in which eight club locations will provide comprehensive programs for 400 teenagers (50 per club), in order to increase academic achievement, offer access to employment and enhance life skills. In an effort to increase graduation rates and help teens perform better in school, pursue higher education and resist involvement in the juvenile justice system, BGCP recently adopted an ambitious strategic plan to strengthen and expand its financial base to more effectively serve a growing number of at-risk children. In particular, the plan calls for a focus on programs for teenagers - the "Positive Outcomes for Teens Initiative." This will involve enrolling 400 at-risk teenagers in quality programs at eight club locations over three years.

Forty staff members—five per club—will be hired to build relationships with area schools and recruit teenagers to become BGCP members. These students will attend Philadelphia club locations two or more times per week after school to participate in such activities as homework, academic enrichment, college guidance, arts and technology programs and healthy lifestyle curriculum. The teens will also have the opportunity to compete for summer jobs with the club. In total, 80 students, 10 per club, will be offered summer positions for which they will receive a stipend.

Project Name: Power Valley Partnership

Recipient: Ben Franklin Technology Partners – Southeastern Pennsylvania 4801 S. Broad St.

Suite 200 Philadelphia, PA 19112

Amount Requested: \$500,000

Purpose: The Power Valley Partners is a new coalition committed to establishing the tri-state Greater Philadelphia region as the hub of the Mid-Atlantic energy cluster. Power Valley Partners will coalesce and develop the substantial and diverse energy assets of the region as a platform for economic growth and job creation by staffing efforts that support: a) collaborative research and development; b) advanced prototyping, demonstration, and utilization of alternative energy technologies and systems; c) technology and business incubation and commercialization; and d) educational development and knowledge sharing to encourage industry workforce growth. The project will develop the areas of smart grid development, sustainable building design and materials, clean energy storage and distributed generation, energy management and control systems, and IT systems.

Project Name: Preparing Philadelphia's Future Global Leader

Recipient: Main Line Chinese Culture Center (MLCCC) 100 Matsonford Road 3 Radnor Corporate Center, Suite 304 Radnor, PA 19087

Amount Requested: \$100,000

Purpose: The PROJECT shall build upon the existing, successful MLCCC programming that provides fun, age-appropriate learning of China's culture to Greater Philadelphia, at-risk youth. The MLCCC has kicked off three new programs at the sites of First Philadelphia Charter School, Tacony Academy, and Girard College; all of these locations serve diverse and a number of economically-disadvantaged youth. To be located at the Russell Byers Charter School (RBCS) in Philadelphia, the program offering will share compelling insights on Chinese culture and language in a safe environment. By doing so, the MLCCC will expand children's horizons to better prepare them for competing in a global economy in which China is playing an increasingly more important role.

Project Name: Preserving an Historic Graveyard While Creating New Economic Growth

Recipient: Friends of Old Pine Street 412 Pine Street Philadelphia, PA 19106

Amount Requested: \$2,550,000

Purpose: Over 240 years of social and religious history exists in this urban park. Tourists discover a quiet place to enjoy the significance of the site while being educated about the past and reflecting on the future. For the safety of visitors, walkways and improved lighting is needed. Long-term preservation of the gravestones is necessary. Underground drainage, re-alignment and restoration of the cast iron fence will protect its history. Completing this project provides needed safety while encouraging an educational destination for residents/tourists through interpretive markers, signage and brochures, and improves the Society Hill Historic District. This project stimulates economic growth, both through employing local companies and permanently increasing tourism in Society Hill.

Project Name: Printed & Conformal Electronics for the Warfighter (Development and Application of Off-Grid Power Delivery)

Recipient: FlexTech Alliance 3081 Zanker Road San Jose, CA 95134

Amount Requested: \$4,000,000

Purpose: There is a stated DOD need to decrease the weight of batteries and chargers a

typical soldier carries, from the 20-50 pound range to a range of less than 10- 25 pounds.

The FlexTech Alliance project will address the unmet off-grid energy needs of the warfighter for portability and durability by combining new, advanced materials and printed and conformal electronics into flexible, lightweight, low cost, and rugged power films for military applications.

Thin film solar cells are the most promising power-generation technology, and flexible thin film batteries are a logical complement to these solar cells; together they will form integrated systems providing power storage and on-demand delivery for military devices not available today.

This project will initiate an applied supply chain and prototype manufacturing development program to develop a single, compact device that can both convert solar energy to electricity and store the electricity with unique, conformal form factors.

A successful integrated power film will liberate the war fighter from the energy logistics support chain, as well as offer low cost through roll-to-roll manufacturing.

The FlexTech Alliance, a not-for-profit R&D organization with a wide membership across industry and academia, requires a cost-share from its development partners, historically at a level of >50% for its R&D program.

Further, the funds provided for this innovative R&D program will be:

- Competitively bid and reviewed by scientists and engineers; and,
- Directed towards dual-use (defense & commercial) technology development.

Project Name: Procurement Technical Assistance Program

Recipient: Southeast Pennsylvania Procurement Technical Assistance Center The Wharton School, Rm 435, Vance Hall 3733 Spruce Street Philadelphia, PA 19104-6374

Amount Requested: \$33,500,000

Purpose: 10 USC 2412 Chapter 142 authorizes the Secretary of Defense, through the Defense Logistics Agency, to administer the Procurement Technical Assistance Program (PTAP). PTA Centers are a local resource available at no or nominal cost that can provide assistance to business firms in marketing products and services to the Federal, state and local governments.

Over ninety Procurement Technical Assistance Centers (PTACs), with over 250 local offices in virtually every state, form a nationwide network of dedicated procurement professionals who provide critical assistance to small businesses seeking to participate in Defense and other federal agency procurement contracts. PTACs help generate new suppliers for the Defense Department— resulting in a stronger industrial base, greater competition, higher quality goods and services at lower cost, and a more prudent expenditure of taxpayer dollars. PTACs are also a resource for small businesses to obtain information and training on new acquisitions procedures, specialized solicitations, and federal contracting information.

PTACs are an essential tool for businesses to create and retain jobs. The numbers tell the story: (1) PTAC active clients are up 22%; (2) initial inquiries have increased by over 50%; follow ups are up 22%; the number of events have increased by 30% with a corresponding increase in attendance; the number of DoD prime contracts awarded to PTAC clients has increased by 12%; the number of other prime contracts awarded to PTAC clients has increased by over 33%; the number and dollar value of contracts awarded to small businesses have increased by over 23%.

Project Name: ProjectGRAD

Recipient: Project GRAD USA 4265 San Felipe, Ste900, Houston TX, 77027

Amount Requested: \$27,000,000

Purpose: The mission and track record of Project GRAD aligns well with the Obama Administration's stated goal of making the United States the leading producer of college graduates worldwide by the year 2020. The \$27MM programmatic appropriation being sought by Project GRAD would help the nation make progress toward that goal and is consistent with the recommended funding formula in the HEA authorization language, which calls for a federal investment of \$200 per student served across the network, based on 135,00 students served nationally.

Project Name: Public Space Maintenance Job Training and Employment Program

Recipient: Center City District 660 Chestnut Street Philadelphia, PA 19106

Amount Requested: \$500,000

Purpose: The Center City District (CCD) is a business improvement district that supplements municipal services by providing maintenance, public safety and promotional programs for the central business district and adjacent areas and works in partnership with civic organizations and stakeholders to ensure the competitiveness of downtown Philadelphia. With over 160 individuals employed in its \$8.1 million cleaning operation, CCD keeps downtown clean while providing meaningful work to many disadvantaged workers.

The CCD requests \$500,000 for a 12-month public space maintenance job training program as a component of its cleaning operations. Funding will be used to place 20 disadvantaged and/or unemployed persons into a comprehensive on-the-job training program that builds work-skills in the area of public space maintenance, use of mechanical equipment for pressure washing and graffiti removal, and general upkeep of the public environment, transit corridors and train stations in various locations in and adjacent to downtown Philadelphia. The CCD will manage, outfit and equip two groups of 10 each in two six-month training periods and commit to hiring a minimum of 60% of successful graduates at the end of each training period into regular CCD full-time union scale positions as openings come available. Funding will support training costs, materials, equipment and other costs related to administration and supervision of the program.

Project Name: Race Street Pier and Connector

Recipient: City of Philadelphia 1515 Arch St, 13th Floor, Philadelphia, PA 19102

Amount Requested: \$3 million

Purpose: The Race Street Pier will be at the leading edge of a series of open space improvements along the central Delaware and will establish the standard for transformative public space design that can serve as a catalyst for private sector development.

Project Name: Reach Out And Read

Recipient: Reach Out and Read 56 Roland Street, Suite 100 D, Boston, MA 02129

Amount Requested: \$10 million

Purpose: The funding would be used for Reach Out and Read , which has been proven to be among the most effective strategies to promote early language and literacy development and school readiness: pediatricians and other healthcare providers guide and encourage parents to read aloud to their children from their earliest years of their life, and send them home from each regular checkup with a new book and a prescription to read together. Reach Out and Read is a national evidence-based school readiness initiative that promotes literacy and language development in infants and preschoolers, targeting children and families living in poverty and under-performing school districts. Fourteen peer-reviewed, published research studies spanning the last two decades clearly demonstrate the impact of the Reach Out and Read model and the importance of promoting early language and literacy skills in preparing children to excel in school. Today, Reach Out and Read serves 3.8 million children annually, but millions more children nationwide do not receive the necessary support and assistance they need to develop these critical skills and enter kindergarten ready to learn. Funding provided by Congress through the U.S. Department of Education has been matched by tens of millions of dollars from the private sector and state governments.

Project Name: Reading Terminal Market

Recipient: City of Philadelphia 1515 Arch St, 13th Floor, Philadelphia, PA 19102

Amount Requested: \$2 million

Purpose: This project will include the relocation of cold storage units, the installation of a second freight elevator, the renovation and expansion of the market's restrooms, the expansion of administrative office space, the replacement of the manual electric transfer switch with an automatic system, and the upgrading of lighting at the Filbert Street underpass. All of which will lead to a better market and new jobs.

Project Name: Ready, Willing & Able

Recipient: Ready, Willing & Able 1211 Bainbridge Street, Philadelphia, PA 19147

Amount Requested: \$489,981

Purpose: The requested funding will support Ready, Willing & Able's paid transitional employment; intensive case management; vocational training; drug testing and counseling; and comprehensive educational and social services that formerly incarcerated individuals need to become contributing members of society and permanently close the revolving door of recidivism and increase public safety for all Philadelphians. By providing paid transitional work for formerly incarcerated individuals, coupled with comprehensive support services (including drug testing and relapse prevention), RWA breaks the cycle of criminal recidivism.

Project Name: Research and Development Initiative: Capacity Building for Stronger National Defense with Greater Diversity

Recipient: Thurgood Marshall College Fund 80 Maiden Lane, Suite 2204 New York, NY 10038

Amount Requested: \$8,000,000

Purpose: This DOD Initiative will significantly boost the ability of MIs to deliver quality education programs, enhance supplemental learning opportunities and increase services to Public Historically Black Colleges & Universities and students across the nation. The TCMF Member Institution Research and Development Capacity Building Initiative will provide direct support to public HBCUs to increase the pipeline of applied research and defense-related contracting opportunities at these institutions. HBCU undergraduate and graduate students will be provided with the technology, infrastructure, and leadership skills necessary to participate in defense-related research and development opportunities.

From well before the heroism in our nation's historic era of the Tuskegee Airmen to today's modern highly diverse military, African American's have served the nation with pride and distinction. All of our TCMF campuses have given their best and brightest to national service, and we wish to continue giving the nation our best potential research and development talent in scientific areas as well.

Project Name: Remote Chemical Detection Regime

Recipient: Temple University

Amount Requested: \$5,000,000

Purpose: Working with Los Alamos National Lab and Purdue University, Temple University will lead an effort to couple the latest laser technologies with state of the art hyper-spectral detection, mass spectral detection and imaging methods to develop the most sensitive, selective and long range (up to 15 miles) remote chemical detection regime in the world. Additional research will focus on a system to automate image understanding by multi-scale extraction, characterization, and annotation of complex, high-variability features. Applications include stand-off detection of improvised explosive devices, chemical mapping of cities and remote terrains, detection of hidden bunkers, weapons caches and CWA stockpiles. The critical deliverables for this project include: 1) integrated laser and detection systems for chemical mapping of IED's, urban and battlefield terrains, and possible threats to ports and coastlines, and 2) a computer automation system to expedite object recognition from aerial, satellite, and surveillance images. Obviously, the capabilities that will result will have broad applicability in many defense and homeland security missions.

Project Name: School-to-career JAG Model Program (Fostering Opportunities to Reach Educational and Employment Aspirations)

Recipient: Jobs for Pennsylvania Graduates, Incorporated 6415 Clearview Street Philadelphia, PA 19119

Amount Requested: \$550,000

Purpose: Jobs for Pennsylvania Graduates, Inc. - JAG Pennsylvania has undertaken a comprehensive approach toward creating a new and innovative statewide pilot. JAG

Pennsylvania has partner with the National Office of Jobs for America's Graduates (JAG) to develop a State Affiliate representing Pennsylvania in this national dropout prevention and recovery movement. This summary provides an overview of a plan for a statewide test of the JAG Model in the Commonwealth of Pennsylvania. The program is designed to provide education and employment related services to youth, and link the business/education communities to extend dropout prevention and school-to-career transition services to schools to further the employability skills of students. The funding will support the efforts of implementing this initiative in 5 selected schools in Pennsylvania's 1st Congressional District; based on statistics from the Pennsylvania Department of Education.

Project Name: Schuylkill River Valley National Heritage Area

Recipient: Schuylkill River Valley National Heritage Area 140 College Drive Pottstown, PA 19464

Amount Requested: \$1 million

Purpose: The Schuylkill River Valley National Heritage Area Management Plan adopted by the heritage area and endorsed by the Department of the Interior focuses on building a regional identity, construction & promotion of the Schuylkill River Trail, establishing a series of gateway information centers in partnership with the National and State Parks and other non-profit conservation, recreation, historical or tourist entities. The SRVHA uses conservation, education, recreation, cultural and historic preservation and tourism as tools for community revitalization and economic development.

Project Name: Schuylkill River, Philadelphia, PA

Recipient: Army Corp of Engineers

Amount Requested: \$11,710,000

Purpose: The Schuylkill River project extends from the confluence of the Delaware River and Schuylkill River upstream, a length of 6.5 miles to the University Avenue Bridge and the Fairmount pool between Fairmount Dam and the Columbia Bridge. A 33', 26' and 22' draft navigation channels. FY11 funding could be used to perform maintenance dredging of the Upper (\$1,650,000), Middle (\$3,645,000) and Lower (\$4,165,000) segments of the channel to remove critical shoaling. Additional funding could also be used to perform maintenance dredging of Boat House Row (\$2,000,000)

Project Name: Schuylkill River, Philadelphia, PA

Recipient: Schuylkill Navy of Philadelphia #4 Boathouse Row, Kelly Drive, Philadelphia, PA 19130

Amount Requested: \$11,710,000

Purpose: The Schuylkill River project extends from the confluence of the Delaware River and Schuylkill River upstream, a length of 6.5 miles to the University Avenue Bridge and the Fairmount pool between Fairmount Dam and the Columbia Bridge. A 33', 26' and 22' draft navigation channels.

Project Name: Section 566- Bartrams Garden, Phila., PA.

Recipient: Philadelphia Water Department

Amount Requested: \$200,000

Purpose: Bartram's Garden is a National Historic Landmark located on the banks of the Schuylkill River in Philadelphia. The site is included in the National Recreation Trail System and is one of the only open green spaces in a distressed industrial area. It serves the community as a public park and recreational area, enhancing the health and well-being of neighborhood children and seniors. The 45-acre site features 18th century buildings, native plant gardens, a reclaimed meadow and tidal wetlands, natural and man-made. FY 2011 funds would be used to initiate an alternative evaluation study for the creation of a tidal wetland and overall environmental resource restoration along this reach of the Schuylkill River.

Project Name: Section 566- Cobbs Creek Fish Passage

Recipient: Philadelphia Water Department

Amount Requested: \$100,000

Purpose: This project's goal is to improve the fish habitat along Cobbs Creek through the restoration of fish passage to allow migration and spawning of species currently absent or in small populations within the project area. The project will involve either removal of a small dam or the construction of a fish ladder. FY 2011 funds would allow for the completion of the construction.

Project Name: Section 566- Cobbs Creek Watershed Habitat Restoration

Recipient: City of Philadelphia

Amount Requested: \$1,500,000

Purpose: The west branch of Indian Creek enters the combined sewer system upstream of City owned tennis courts in Morris Park, between Brockton and Ruskin Roads. The proposed project includes the design and construction a new stream channel to the East Branch of Indian Creek that bypasses the sewer system. This will remove the flow from the West Branch of Indian Creek from the combined sewer thereby reducing sewer overflow events, decreasing flooding of the park by providing an alternate route for the water, and restoring the stream to a more natural state. The project would construct approximately 650ft to 1000ft of new channel, including pools and riffles.

Project Name: Section 566- Sandyford Run, PA

Recipient: Philadelphia Water Department

Amount Requested: \$200,000

Purpose: The project is located in NE Philadelphia within the Pennypack Creek Watershed. The creation of a wetland along Sandyford Run would retain stormwater reducing downstream peak flows, improve water quality and enhance the aesthetic value within the watershed. Treatment wetlands assist in mitigating the stress of organic enrichment, low dissolved oxygen and high metal concentration and in particular aid addressing water quality impacts from multiple combined sewer outfalls along Sandyford Run. Funding would allow for a preliminary assessment, negotiation of a cost sharing agreement, and then the initiation of an alternative evaluation to help determine the recommended design for the project.

Project Name: Securing Seaports & Transportation Worker Identification (TWIC) program

Recipient: Strengthening the Mid-Atlantic Region for Tomorrow (SMART) 401 South 2nd Street Suite 305 Philadelphia, PA 19147

Amount Requested: \$2,000,000

Purpose: TWIC has not been a resounding success. No standards for reading the cards exist and the biometric chosen (fingerprints) fails frequently with workers whose labor requires they work with their hands. Existing systems are too expensive and have a record of failure.

Currently, in Philadelphia, SMART with ePortation and the PRPA (Philadelphia Regional Port Authority) have a prototype project underway that combines real time facial recognition and iris scanning that uses the TWIC card as a unique identifier. This combines all the requirements of the TWIC/Coast Guard regulations as well as many other features required for the proper securing of seaports.

The system being developed allows a port operator responsible for multiple facilities to link them together into an operational whole. It allows a region (The Delaware River) to link multiple port facilities together and provide overall real time visibility about activity in the region.

Information generated is available to local, state and Federal agencies as it occurs. Discussions are underway about providing the information feed to the Delaware Valley Information Center.

Information is not limited to ingress and egress but includes incident reporting, real time alerts about rules infractions and linkage to video and other sensor feeds to provide a complete operating picture.

The PRPA's tenant Holt Terminals is actively working with SMART, ePortation and PRPA to develop an answer to the issue of securing a seaport built around the real world needs of seaports based on the physical and commercial realities that govern the operation of seaports. As such it represents a true public/private partnership.

This system is built in America by Americans for Americans and uses local programmers and developers to provide the solutions to the local and regional needs.

Project Name: Small Business Technical Assistance Program

Recipient: Welcoming Center for New Pennsylvanians 1617 JFK Blvd, 13th Floor Philadelphia, PA 19103

Amount Requested: \$250,000

Purpose: The Welcoming Center requests support for our Small Business Technical Assistance Program to help new American and native-born entrepreneurs and business owners to establish, stabilize, and expand small businesses in Greater Philadelphia. This program has several components:

- Business development clinics and small business support, particularly to those with limited English proficiency. We organize business development clinics, which include experts in law, accounting and other relevant fields, who provide information and answer

questions about running a small business. We conduct English for Entrepreneurs courses, using a curriculum we developed that is tailored for the specific needs of entrepreneurs with limited English proficiency. We hold workshops on merchant safety and security issues. We develop and disseminate small business resource guides, like our “How to Start a Business Guides” for Upper Darby, Norristown and Philadelphia. On an individual basis, we provide one-on-one business technical assistance to entrepreneurs.

- Technical support to CDCs, business associations and neighborhood groups. We regularly provide technical assistance to such groups. This includes organizing multi-lingual teams to conduct targeted outreach along commercial corridors to fill information gaps about local merchants, many of whom are immigrants, and providing technical assistance training sessions on how to better manage a diverse membership.

- Ensuring immigrants are aware of business technical assistance services offered by the Welcoming Center, local partners and government agencies. Both new Americans and native-born entrepreneurs regularly call and email the Welcoming Center with small business questions.

Project Name: Southeastern PA Floodplain Management Services- Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, PA

Recipient: Army Corp of Engineers

Amount Requested: \$250,000

Purpose: This study evaluates recent flooding events in Southeastern Pennsylvania that caused substantial damage and altered channel alignments over the last several years. The efforts of this project will further update FEMA Flood Insurance Rate Maps where applicable. Flood vulnerability analysis and flood inundation mapping products will also be developed where applicable. FY 2011 funds will allow for the continuation of the study evaluating recent flooding as a result of numerous storm events in the last several years.

Project Name: Spring Garden Street Greenway

Recipient: Pennsylvania Environmental Council 123 Chestnut Street, Suite 401 Philadelphia, PA 19106

Amount Requested: \$413,833.74

Purpose: The Spring Garden Street Greenway project will redevelop a major Philadelphia thoroughfare into a fully-functional ‘Green Street’, employing sustainable practices for pedestrian and bicycle circulation, storm water management, energy efficiency, and landscaping. This request for funding will bring the project closer to fruition by sponsoring the following tasks:

- (1) Conceptual Technical Analysis;
- (2) Conceptual Design for individual Spring Garden blocks;
- (3) Master Plan for the implementation of the concept; and
- (4) Final Design Plans, Specifications & Estimates.

The City of Philadelphia’s Mayor’s Office of Transportation, Streets Department, Planning Commission, and Philadelphia Water Department will be major partners in managing the work. Coordination with other agencies such as PennDOT, the PA DCNR, and DVRPC will also be integral components of the scope of work. In addition, a stakeholder group of local neighborhood organizations will be created and an extensive

public involvement process will be created to integrate concepts into a final design and master plan for implementation and construction.

Project Name: St. John's Hospice's Day Services Program

Recipient: St. John's Hospice of Catholic Social Services 1221 Race Street
Philadelphia, PA 19107

Amount Requested: \$150,000

Purpose: St. John's Hospice has provided housing and services to homeless men since its founding in 1963. Today St. John's Day Services Program provides a noon meal to between 300-400 men Monday through Friday. Men are also provided clothing, showers and access to a phone. St. John's serves as a mailing address for thousands of men who come daily to pick up their mail and receive checks. Men who need help obtaining identification, housing, income, legal services, treatment for mental health, substance abuse, and health issues are given the information and encouragement they need to access services and resources.

St. John's Residential Program offers shelter and case management to 40 homeless men and the Coffee House Program enables another 27 men to come off the street each night. St. John's Good Shepherd Program is transitional housing for 12 homeless men with HIV/AIDS. St. John's Coffee House and Good Shepherd Programs are fully funded by government. St. John's Residential Program is less than 50% funded by government. The Day Services Program is supported by donations, volunteers, and donated food and clothing. Parishes throughout the 5 counties make casseroles which are picked up and transported in St. John's refrigerated truck. These casseroles help to feed the hundreds who come daily for a hot meal. 17,000 volunteer hours, thousands of pounds of clothing, and over \$75,000 a year are contributed to ensure that the Day Services Program can meet the needs of homeless men.

Project Name: Targeted Employment Training and Services for New Americans

Recipient: Welcoming Center for New Pennsylvanians 1617 JFK Blvd, 13th Floor
Philadelphia, PA 19103

Amount Requested: \$250,000

Purpose: The Welcoming Center requests support for our Targeted Employment and Placement and Training Program, which was designed to serve the specific needs of immigrant jobseekers. We provide one-on-one assistance to enable legal, work-authorized immigrants to secure legitimate, payroll jobs with family-sustaining wages and, whenever possible, with benefits. Our employment specialists have found that despite the recession, certain industries, like healthcare, have expanded.

There are several components to our Employment Placement and Training Program:

- **Intake & Evaluation:** Welcoming Center staff recruit jobseekers, evaluate credentials, assess English fluency and job experience, and provide counseling and preparation for employment tests and job interviews.
- **Career Strategies for Immigrant Professionals:** Some jobseekers require career strategies counseling and information on credential transfer and evaluation of licenses and degrees from their home countries.

- **Job Training:** Some immigrant jobseekers need to learn English language skills and American business culture side-by-side with technical skills before they are ready to enter the American workforce. We now have a pilot healthcare industry training program, through which we are training Home Health Aides and Certified Nurse Aides. We will be expanding this program, both in terms of the number of people trained and the industries for which are training jobseekers.
- **Individualized Job Placement:** We connect immigrant jobseekers with employers. We examine industries in our region that are high-demand or high growth. We build relationships with employers to understand their needs and answer questions about hiring immigrant candidates.

Project Name: Teacher Quality and Retention Program

Recipient: Thurgood Marshall College Fund 80 Maiden Lane, Suite 2204 New York, NY 10038

Amount Requested: \$6,000,000

Purpose: The Teacher Quality and Retention Program (TQRP) is designed to prepare 10,000 pre-service public school teachers over 5 years for service in underserved public school districts. While minority populations in U.S. public school systems continue to rise, the number of minority teachers is in decline. A main objective of TQRP is to increase the number of STEM majors embarking on careers in teaching in underserved school districts. Our FY2011 objectives focus on the Thurgood Marshall College Fund (TMCF) role in helping the nation and the Department of Education maintain its competitive, scientific and technological edge; preparing the nation's future workforce of teaching professionals in many critical arenas of national importance.

Project Name: Teaching Amputation Prevention (TAP) Project Focus on Diabetic Treatment

Recipient: Temple University School of Podiatric Medicine 48 North 8th Street Philadelphia, PA 19107

Amount Requested: \$100,000

Purpose: TAP is an instructional program targeted to the medical, social, educational and religious centers that communicate with both the young and aged sectors of the minority populations in Philadelphia and Delaware counties.

Project Name: Technology Infrastructure Upgrade for Disability Call Center

Recipient: InspiriTec, Inc. 330-340 N. 12th Street Suite 108 Philadelphia, PA 19107

Amount Requested: \$74,391

Purpose: Over 300 new computer-related jobs for people with disabilities have been created by InspiriTec since its inception and we believe hundreds more are possible with your help. People with disabilities can compete in the job market when given the tools to succeed. Indeed, InspiriTec has a long track record of demonstrating this fact by staffing better than 75% of its call agent positions with people with disabilities. InspiriTec's board and executive management have determined that in order to develop more opportunities in the competitive marketplace we need to provide our people with new technology that can help level the playing field. As a nonprofit, we operate at a competitive disadvantage when comes to generating the necessary profit (in our case, surplus) to sustain needed

capital expenditures. Our for-profit competitors are not bound by a social service purpose with requires InspiriTec make significant outlays for employee supportive services. We have determined through discussions with outside consultants and direct customer feedback, that upgrading our phone system technology to a Voice over Internet Protocol (VoIP) would significantly increase our chances of acquiring new business in the competitive marketplace and increase opportunity to offer a wider range of at-home call agents. InspiriTec believes external funding support is necessary to upgrade its existing technology infrastructure and achieve a more competitive position in the call center marketplace. This one time capital outlay will be used to acquire new and upgrade current telephone system technology. A new VoIP phone system offers the following advantages: 1. Lowers cost structure by reducing need for expensive trunk lines rental fees 2. Increases flexibility to integrate at-home agents allowing InspiriTec to serve a greater number of people with disabilities by expanding our geography and allowing people to work from home. 3. Allows InspiriTec to leverage new technology features without significant cost.

Project Name: Telepharmacy Robotic Medicine Delivery Unit (TRMDU)

Recipient: INRange Systems, Inc. 115 Union Avenue Altoona PA 16602

Amount Requested: \$1,000,000

Purpose: This proposed project will serve to train the patients, their families, their social networks, care providers (physicians, nurse case managers, pharmacists, social workers, etc.) on the use and stages of acceptance of the FDA cleared remote medication management system, 21 CFR 880.6315, device across the continuum of care for home and outpatient use and develop a decision model, an actuarial model designed to estimate the long-term consequences of utilizing the TRMDU in the Warrior Transition Unit (WTU) and home settings from the third party payer (TRICARE) perspective.

Project Name: Temple Transit-Oriented Development (TOD)

Recipient: Asociación Puertorriqueños en Marcha, Inc. (APM) 4301 Rising Sun Avenue Philadelphia, PA

Amount Requested: \$250,000

Purpose: The proposed project is a five-story mixed-use, mixed-income Transit-Oriented Development (TOD) adjacent to a heavily-used SEPTA transit line that will strengthen the adjacent neighborhood and serve as a gateway for transit access into eastern north Philadelphia. The project will include a cutting-edge Community and Technology Education Center (C-TEC) in combination with a café and additional retail uses on the first floor, with 164 mixed-income rental units on the four floors above. The C-TEC will address the need for educational services currently not met in the community, will provide an easily accessible venue for cultural and community events, and will strengthen linkages among Temple students, faculty, and the surrounding neighborhood. The TOD incorporates sustainable design to provide a healthy indoor living environment that ensures improved air quality as well as a reduction in water and energy usages. The design includes an energy-efficient building envelope with a green roof, photovoltaic solar panels, rain water collection and the use of local recycled materials. We are seeking funding for a proposed storm water management system which will incorporate the City of Philadelphia's new urban storm water management technology and create a signature

sustainability project for the City of Philadelphia and the Commonwealth of Pennsylvania.

The Temple TOD will improve the linkages among existing community assets, address a currently-unmet service demand, and help to ensure that new housing products remain affordable to working-class families.

Project Name: Temple University Hospital – Episcopal Campus Infrastructure Renewal Project

Recipient: Temple University Health System 2450 West Hunting Park Ave., 4th Floor Philadelphia, PA 19129

Amount Requested: \$5,000,000

Purpose: Temple University Health System is requesting \$5 million in FY 2011 funding from Department of Health and Human Services for its Temple University Hospital – Episcopal Campus Infrastructure Renewal Project. The Health System is seeking funding for renovation and upgrades of the Episcopal Campus’s failing physical infrastructure. The antiquated facility continues to serve a vital role in its economically disadvantaged inner-city community as both a health care provider and a major employer, and Temple is committed to maintaining its long term viability.

Project Name: Temple University Hospital – Expanding Access to Obstetrical and Critical Care

Recipient: Temple University Health System 2450 West Hunting Park Ave., 4th Floor Philadelphia, PA 19129

Amount Requested: \$4,000,000

Purpose: Funds would be used to help ensure access to critical healthcare services needed by Temple University Hospital’s low-income population. Temple plans to expand and upgrade three clinical areas as follows: (1) Labor and Delivery – expand suite, including construction of additional operating room to handle complicated deliveries; (2) Emergency Department - relocate, reconfigure and upgrade triage, waiting and bathroom areas; and, (3) Ambulatory Operating Room- construct two additional operating rooms and associated clinical support space to meet the increasing volume of outpatient surgical procedures. Completion of these projects will allow Temple to provide more efficient, effective and safe care, improve outcomes for patients, including newborn infants, improve overall experience for patients and their families, and help address health disparities in North Philadelphia’s diverse, economically distressed communities.

Project Name: The 21st Century Technology Enhanced Classroom

Recipient: The School District of Philadelphia 440 N. Broad Street 1st Floor, Portal B, Suite 1198 Philadelphia, PA 19130

Amount Requested: \$6,952,000

Purpose: This initiative will provide students with the state-of-the art classroom setting and access to increased and enhanced educational opportunities. District educational programs increasingly include web-based digital tools and resources, such as online textbooks, individualized learning systems for enrichment and remediation solutions and the development and integration of technology literacy skills in the content classrooms. Nurturing these learning environments requires the development of technology-enhanced

classrooms. Equipment in these classrooms includes: an interactive whiteboard, projector, teacher computer, student access to desktops and/or laptops on carts as well as intensive teacher training on the use of these tools.

Project Name: The College Connection for Science, Engineering and Technology

Recipient: Community College of Philadelphia 1700 Spring Garden Street Philadelphia, PA 19130

Amount Requested: \$500,000

Purpose: The College Connection for Science, Engineering and Technology (CCSET) operates under the College's Center for Science and Engineering Education. CCSET invites Philadelphia area high school students to campus to engage in science & technology experiments they cannot do at their home schools. It also builds relationships with high school science teachers to increase awareness of the College's science programs, as well as employment possibilities for students who wish to pursue careers in the sciences.

Project Name: The John P. Murtha Center for Public Service

Recipient: John P. Murtha Foundation 2238 Woodcrest Drive Johnstown, PA 15905

Amount Requested: \$10 million

Purpose: The John P. Murtha Center for Public Service will be dedicated to educating and inspiring students and the general public to become active in our communities, the military, and in public service. The Center will serve as a highly accessible and preeminent archive and repository of Representative Murtha's public papers, while providing a venue for public debate, discussion and academic inquiry into key local, regional, and national issues. Envisioned as a new 35,000 sq. ft. facility, the Murtha Center will be located on the campus of the University of Pittsburgh at Johnstown. The facility will house classrooms, multi-purpose space for lectures, political debates and public events, museum space, archival and library space for researchers, and office space.

Project Name: The Kinney Center for Autism Education and Support

Recipient: St. Joseph's University 5600 City Avenue Philadelphia, PA 19131

Amount Requested: \$1,000,000

Purpose: The Kinney Center will provide its first community programming, an afterschool social skills training program, using a unique model that provides training and supervision for Saint Joseph's University students who deliver services at a ratio of 1:2 or 1:4 for young students with autism ages 3 to 19. This request will support five distinct areas of focus for the Center's services to individuals with Autism and their families. All the of these programs support communication and life skills key to family well being and successful integration into the community, they are:

- Afterschool Social Skills Program**
- Summer Day Camp for College-Bound Students with Autism**
- Kinney Sensory Training Room**
- Kinney Center Resource Library**
- Camp Kinney** (weekly skills building inclusion-based program)

This is a valuable use of taxpayer funds because the prevalence of autism diagnoses in the U.S. has skyrocketed in recent years, with the CDC reporting a prevalence of 1 in 110 to 1 in 90 as recently as 2009, with 4 times as many boys than girls affected. The

severity of this disorder along with its widespread prevalence across race, ethnicity and social class underscores the crucial need for well-educated professionals with direct experience serving people with autism.

Project Name: The Myrna Brind Center of Integrative Medicine model integrative programs of clinical excellence

Recipient: The Myrna Brind Center of Integrative Medicine Thomas Jefferson University Hospital 111 South 11th Street Suite 6215 Gibbon Bldg. Philadelphia, PA 19107

Amount Requested: \$1 million

Purpose: The primary goal of the proposed project is to develop two model integrative programs of clinical excellence within the Center. These programs will build upon the Center's existing framework of combining state-of-the-art conventional medicine with cutting edge complementary modalities, and the programs are formulated within the context of the key elements of integrative health care delivery. The content and clinical services embodied by the proposed programs are chosen based upon promising evidence of the tremendous impact these services would potentially provide.

This project will expand available resources in the greater Philadelphia area for quality integrative medical care, and increase the opportunity for many patients to evaluate and address a variety of unremitting health problems in a manner that would not otherwise be available to them.

Project Name: The Philadelphia Orchestra's Education and Outreach Programs

Recipient: The Philadelphia Orchestra 260 S. Broad St., 16th Floor Philadelphia, PA 19102-5002

Amount Requested: \$350,000

Purpose: Now in its 10th year, our Neighborhood Concert program also reaches out to underserved areas of the community to bring the joys of music to those with little access to such events. This past summer, the Orchestra performed at Philadelphia University, Deliverance Evangelistic Church and at the Mann Center, in a special tribute concert for Philadelphia's police officers killed in the line of duty. Money raised at that event was used to replenish the FOP's Survivors' Fund. Similar sites – such as City Hall, Upper Darby, and Riverfront Park – are planned for 2010-11.

Project Name: The Regenerative Muscle Biotechnology Program

Recipient: Sbarro Health Research Organization BioLife Science Bldg. Suite 333 1900 N. 12th Street Philadelphia, PA 19122

Amount Requested: \$2.5 million

Purpose: Recent advances in stem cell research hold great promise for muscle regeneration. FY11 funding is requested to develop techniques in the laboratory that have a quick path to treating muscle injury and damage as seen in our warfighters and other beneficiaries. The research program will: carry out the molecular level research necessary to create an environment conducive to large volume stem cell growth; develop a novel method for inducing rapid muscle regeneration and using it as a source for practical regenerative medical care; and establish the research to make possible additional new therapies including but not limited to (a) rescuing healthy but aging muscle tissue;

(b) increasing the strength of rejuvenated muscle tissue and reducing frequency of injury; and (c) shortening the overall recuperative period for the war fighter.

Project Name: The Rock School's RockReach Program for At-Risk Youth

Recipient: The Rock School for Dance Education 1101 S Broad Street, Philadelphia, PA 19147

Amount Requested: \$350,000

Purpose: The requested funding will be used to provide in-school and after-school arts education programs for at least 10,000 at-risk youths and their families recruited from Title 1 and charter schools and the community. These programs have a proven track record of preventing juvenile delinquency, improving personal and academic performance and reinforcing positive behavior. This will create 16 new jobs, help retain 10 current jobs and provide job training for more than 12 new market entrants.

Project Name: The STEM/Energy and Power Career (EPC) Development Initiative

Recipient: The Delaware Valley Industrial Resource Center 2905 Southampton Road Philadelphia, PA 19154

Amount Requested: \$4,000,000

Purpose: The overall goal of the NDEP initiative at the Navy yard is to increase career awareness and educational activity in grades K-12 that leads to more candidates, particularly women and minorities, for careers in Navy engineering and research. For the Navy in Philadelphia this means supporting NSWCCD's power and energy research enterprise. The ultimate vision is to develop and establish a STEM learning and activity center at the Navy Yard that will work with institutions throughout the tri-state region.

Project Name: The Strategic Port of Philadelphia -- A Hub of Maritime Innovation and Excellence

Recipient: Delaware River Maritime Enterprise Council Two Neshaminy Interplex Suite 208 Trevoise, PA 19053

Amount Requested: \$5,000,000

Purpose: DRMEC is the leading proponent on behalf of the Commonwealth of Pennsylvania to generate new DOD cargo, homeport and related DOD global distribution opportunities and capabilities at the Strategic Port of Philadelphia.

RAPID Center, the web-enabled, neutral and secure hub for information sharing component of RAPID System, integrates information from existing stove-piped systems into a user-friendly, end-to-end surface distribution common operating picture, utilizes information and data to provide "customer tailored" logistics and security management reports, provides end-to-end in-transit visibility of military surface cargo movements, and integrates a variety of cargo tracking technologies.

Project Name: Thomas Jefferson University – 6 Hamilton Pharmacy Fit-Out

Recipient: Thomas Jefferson University 1020 Walnut Street, Suite 630 Philadelphia, PA 19107

Amount Requested: \$1 million

Purpose: Evidence supports that pharmacists, as members of an integrated healthcare team, can positively affect the cost and quality of medication therapy via interventions such as disease state management, medication therapy management, and immunization administration which have been associated with reduced hospital admissions, readmissions, length of stay, complications of chronic diseases and overall expenditures associated with drug therapy.

The Jefferson School of Pharmacy is developing a state-of-the-art Pharmacy Practice Simulation Center. This is a valuable use of taxpayer funds because the student pharmacists will provide patient-centered and population-based care in a variety of patient care settings and provide infrastructure for practicing health care professionals. Encompassing over 3000 square feet, it will include a Center for Informatics (CFI), a simulated community pharmacy, patient counseling areas, and a sterile product preparation facility. Within the CFI, students will learn skills utilizing simulated electronic patient medication profiles and databases to identify high-risk or high-cost regimens. The community pharmacy center will provide a realistic setting where pharmacy students will work with simulated patients to learn to administer immunizations, educate patients regarding the correct use of medications, and apply clinical skills to monitor patient responses to drug therapies. The sterile product preparation facility will allow students to gain expertise necessary to ensure the integrity of IV medications, cancer chemotherapy, biologicals and specialty ophthalmologic preparations.

Project Name: Tioga Marine Terminal Access Enhancements

Recipient: Philadelphia Regional Port Authority 3460 N. Delaware Avenue 2nd Floor Philadelphia PA 19134

Amount Requested: \$760,000

Purpose: Funds will be used for design and construction projects for rail infrastructure to provide greater access to the Tioga Marine Terminal and other industries along the rail line. Access issues include reducing turning radius and increasing clearance to accommodate high and wide rail shipments.

The Tioga Marine Terminal is a 105-acre facility located in Northeast Philadelphia. In 2009 the facility handled 94 vessels, 30 of which were from a shipping line which focuses on “project cargo.” Project cargo is over dimensional shipments that require specialized handling and transport. Project cargo requires rail access that is not limited by either turning radius or vertical or horizontal clearance restrictions. In working with Pennsylvania and regional export shippers we have discovered that the Tioga Marine Terminal has turning radius and clearance limitations for several types of cargo that could ship through the terminal.

Project Name: Transition Soldiers and Families

Recipient: Philadelphia Veterans Multi-Service & Education Center – Freedom and Honor Programs 213-217 N. 4th St. Philadelphia, PA 19106 and 2812 Egypt Rd, Audubon, PA 19403

Amount Requested: n/a

Purpose: The Philadelphia Veterans Multi-Service and Education Center Freedom and

Honor programs provide training and education provider for personnel of the U.S. military (veterans, active duty, Reserve and Guard), with a focus on those struggling with combat stress and readjustment issues resulting from one or more deployments to serve in Operation Iraqi Freedom (OIF), Operation Enduring Freedom (OEF), and other foreign military operations. These issues create not only a large burden for the veteran and his/her family, but also among taxpayers, who pay the price for long term disability, unemployment, homelessness, incarceration, and suicide prevention efforts. The organization will have an open door policy to serve veterans from all past conflicts. Freedom & Honor programs have been designed by training experts and combat veterans. Freedom & Honor workshops integrate a peer-to-peer approach that helps individuals learn how to re-establish connections with their friends, families, occupations, and society as well as to reduce the impact of combat trauma. As a post-deployment training, Freedom & Honor workshops are not mental health programs.

The goals are 1) to honor our veterans and their families and provide them with the tools and training they need during transitions home to alleviate combat stress without the stigma of being labeled mentally unwell, and 2) to fill some of the gaps created from an overburdened DOD & VA system and 3) increase readiness and retention.

The flagship program Return to Honor provides approximately 30 hours of real-time training and, to date have had 100% satisfaction rating with the participants. Counseling by mental health providers for the same amount of time and participants would cost upwards of \$45,000 versus \$15,000 and leaves the stigma of mental

Project Name: Transportation Enhancements in the Office District

Recipient: Center City District 660 Chestnut Street Philadelphia, PA 19106

Amount Requested: \$2,070,000

Purpose: The Center City District (CCD), working with the City of Philadelphia, private property owners, and other stakeholder organizations, is planning a variety of transportation investments concentrated within the office district to reduce automobile dependency, enhance business attraction and retention, and improve the quality of life for thousands who live, work and visit the area daily. The CCD requests \$2,070,000 to plan, design and implement 4 related projects that will provide alternative transportation modes (bicycles and public transit), enhance the appearance of the Market Street and JFK Boulevard streetscape, and improve the visibility of transit entrances for the safety and comfort of users. Specifically, the projects include: (1) planning, engineering, design and outreach for creating landscaped-buffered bike lanes and other pedestrian amenities on Market Street and JFK Boulevard, from 15th to 22nd streets; (2) constructing a bike station at 16th and JFK; (3) making pedestrian enhancements to Penn Center Plaza; and (4) installing signs that highlight entrances to underground transit at 10 locations in the office district.

Project Name: Trauma-informed services for child victims of domestic violence

Recipient: Women Against Abuse, Inc. Philadelphia, PA 19110

Amount Requested: \$250,072

Purpose: Women Against Abuse is seeking support to create a trauma-informed program for children in Philadelphia who have had to flee their homes to escape domestic violence. The program would provide a holistic scope of support including behavioral health services, academic support and opportunities to rebuild trust with the non-offending parent. Exposure to domestic violence has a profound effect on children and teenagers. Research shows that

children who have been exposed to violence in their homes are more likely to struggle with depression; exhibit anger and aggressive tendencies; suffer from post-traumatic stress disorder and nightmares; and experience developmental delays.

Furthermore, by not experiencing healthy relationships modeled during their childhood, these youth are more likely to find themselves in abusive relationships as adults; thus perpetuating an intergenerational cycle of violence. Currently, the agency's limited capacity only allows for general supervision and minimal homework help for children. The proposed program would consist of an early childhood learning center for toddlers through age four; and an afterschool program for children ages five to 18. These programs would be offered Monday – Friday at both the emergency shelter and long-term housing program, and would serve a total of 400 children per year. A Manager of Children's Services would guide the program, with the support of two Children's Case Managers and three Early Childhood Specialists.

Project Name: U.S. Exports for International Community Development

Recipient: World Trade Center of Greater Philadelphia 1500 JFK Boulevard Suite 305 Philadelphia, PA 19102

Amount Requested: \$750,000

Purpose: Funding for this program will assist small and medium size southeastern Pennsylvania companies in the prefab housing, construction materials, environmental, water treatment, desalinization, airport and port infrastructure and other related industry sectors to export their products and services overseas. Program design will focus on providing a cohesive packaging of products and services of local companies to identify discrete community development and emergency response projects in developing countries. The explicit goal of this program is to increase the dollar value of incremental export sales of southeastern Pennsylvania companies by a minimum of \$100 million over three years. The WTCGP tracks and documents this metric by obtaining Export Sales Confirmations from each company it works with that attests to the dollar value of the increase in that company's exports directly attributable to the assistance of the WTCGP and, implicitly, to the funding provided by the grantor entity.

Project Name: UMOJA Mentoring Project

Recipient: House of UMOJA Inc 5625 Master Street

Amount Requested: \$275,000

Purpose: The goal of this project is provide a positive developmental experience to school age youth as an alternative to the some of the negative activity that attract many of our young people during their formative years.

We believe that a number of adults would to offer mentoring time to young people but their personal resources in many cases does afford them the ability to commit. The objective of this project is to collaborate with area corporations to create what we will call Mentoring Sites. Combined with all the benefits that mentoring can provide the young people who are involved in this project will have an opportunity to learn first about the world of work and preparing for their future. The UMOJA Mentoring Project can open the doors to summer, temporary or permanent employment opportunities for young people.

Project Name: Unmanned Aerial Vehicle Propulsion and Platform Upgrade

Recipient: Navmar Applied Sciences Corp 1350 Edgemont Ave Ste 2100 Chester PA 19013

Amount Requested: \$2.5 million

Purpose: The Unmanned Air Vehicle Propulsion and Platform Upgrade (UAVPU) program

would enable low-cost UAV systems to accommodate the size, weight and power requirements associated with advanced sensor, communications, electronic warfare and guidance systems. The upgraded low-cost UAV air vehicle would be designed to provide the warfighter with a platform that is demonstrated, capable and more cost effective. Other upgrades include Improved Flight Characteristics, Full Autonomy, Improved Manufacturing Techniques and covert operations. This effort fully supports the 2009-2034 Unmanned Systems Integrated Roadmap which calls for “Key performance requirements for future UAS depending on the mission requirements will be speed, maneuverability, stealth and increased range, payload and endurance. \$2.5 million in the FY 11 program would provide for upgrades to the engine and platform as follows: Quieting of the engine for covert missions (Covertness) Increased Range and Increased Payloads (Persistent Surveillance) Improved Flight Characteristics: Implementation and Testing of Aerodynamic and Propulsion/Power System Improvements. Full Autonomy: Upgraded Autopilot system testing to allow autonomous control from catapult or full rolling takeoff to touch down. Improved Manufacturing: Incorporation of low-cost production methodologies and new materials. This funding would complete the project. In addition, the same report identified NAMVAR’s XPV-2 Mako as a success during support to Operations Iraqi Freedom.

Project Name: UpLift Solutions Home Bound Delivery System

Recipient: UpLift Solutions 700 Delsea Drive Westville, NJ 08093-1229

Amount Requested: \$1,500,000

Purpose: This project is a prototype facility designed to provide delivery of both fresh food and pharmacy items to infirmed and home bound individuals. It is designed to support both the sick and elderly, many of whom have no access to these essential items. The populations are primarily in low income communities; the ‘Food Desert’ neighborhoods with limited access to fresh, affordable food. Beyond providing the procurement and distribution of these items to low income homebound, Uplift will be involved in subsidizing the costs of the delivery. This funding request is intended to develop the in-store facility, obtain and implement all technology required to process the orders, maintain purchase history and payment systems and would cover the costs associated with the transportation of the deliveries. Furthermore, this program will provide assistance to local non-profit organizations for community out-reach, maintain responsibility oversight of the entire process and work with the population in need. The project would have a tremendous impact on the lives of many who struggle every day without the proper medication and food necessary for basic survival.

Project Name: Uptown Theater Restoration

Recipient: Uptown Entertainment & Development Corporation 2227 N Broad Street Phila.,PA 19132

Amount Requested: \$1,000,000

Purpose: Historic Uptown Theater was the focus of the Rythum and Blues era in 1950’s and 60’s. Vacant since early 1990’s the Art Deco Theater was purchased and began a restoration effort in 2001. The project will provide 200 jobs once completed. Funding requested to begin restoring the 2100 seat auditorium and balcony.

Project Name: Urban Garden Initiative and Energy Efficiency Upgrades

Recipient: African American United Fund 2227 N. Broad Street Philadelphia, PA 19132

Amount Requested: \$178,886

Purpose: This funding would be used to convert a vacant lot into a green space for the

community. Funding will be used to remove large debris, perform soil abatement, build an entrance to the space, build decking and raised beds, landscape the lot, and support the installation of energy efficient HVAC units, windows, doors, insulation and lighting at the organization's facilities. The organization has partnered with Urban Studio, a project of Green Village, to begin researching sustainable development projects for the lot.

Project Name: Urban League Entrepreneurship Center (ULEC)

Recipient: Urban League of Philadelphia 121 S. Broad Street, 9th fl. Philadelphia, PA 19107

Amount Requested: \$300,000

Purpose: ULEC's goal is to help small businesses grow; to enable minority entrepreneurs to take advantage of new business opportunities and to qualify for financing that will lead to a high level of business growth through proper management skills. Entrepreneurs will receive individualized management assistance and group training services designed to increase their market share and offer living wage employment opportunities to residents in Philadelphia, Pennsylvania and its surrounding counties of Bucks, Chester, Delaware and Montgomery.

Project Name: Urban League of Philadelphia Employment Programs

Recipient: Urban League of Philadelphia 121 S. Broad Street, 9th fl. Philadelphia, PA 19107

Amount Requested: \$300,000

Purpose: The Urban League of Philadelphia will use the funding to conduct programs to provide the skills, connections and resources needed to help people in parts of Philadelphia and Delaware County overcome barriers to self-sufficiency created by the global and national economic downturn, regional industry decline and educational challenges. ULP will use the funding for program expenses associated with our four premier Economic Development programs; the Urban League Career Center, which provides professional development skills to help people secure employment; the Urban League Employment Network, which helps individuals gain access to employment opportunities; the Connect to Work program, which trains job seekers for customized employment positions and the Urban Professional Connections program, which works to decrease the income and employment gap. The programs provide the skills, connections and resources needed to help thousands of people enter the job market and overcome barriers to employment and self-sufficiency. ULP equips the unemployed and the underemployed with marketable skills and also connects individuals without high school diplomas to alternative sources of training. The programs empower disenfranchised African Americans and others to overcome the historically wide economic disparities that have persisted in the region's workforce for decades. ULP provides the training, skill building and networking opportunities to help level the playing field for those cut off from the economic mainstream.

Project Name: Using Advanced Imaging Technology to Treat Complex Inoperable Neoplasms and Arteriovenous Malformations

Recipient: Thomas Jefferson University Hospital 925 Chestnut Street, Suite 311 Philadelphia PA 19107

Amount Requested: \$1 million

Purpose: This program is a valuable use of taxpayer funds because it's on the leading edge of treating cancer using minimally invasive treatment methodologies that deliver

highly targeted doses of drugs and treatment directly to tumors. Jefferson has recently launched a dedicated program using the most definitive modality to treat painful and often disfiguring lesions, known as arteriovenous malformations (AVMs) that often affect patients' daily life. There are only a handful of programs dedicated to treating these patients throughout the U.S.

At the heart of this program is new, highly specialized imaging and treatment equipment: an advanced hybrid room for minimally invasive oncologic and vascular procedures that Jefferson will use in a pioneering way to treat hepatic malignancy and AVMs. The concept underlying this approach is that the advanced imaging made possible by this new technology will greatly enhance the use of specific interventional treatment modalities on certain kinds of tumors. The Interventional Radiology group at TJUH has a single room with these features and since acquiring the first hybrid room, the division has doubled its outpatient schedule, allowing treatment of more patients each day. However, demand for the Hybrid room's use has expanded.

Project Name: UYRS Afterschool Program

Recipient: Urban Youth Racing School 907 N. Front Street Philadelphia, PA 19123

Amount Requested: \$250,000

Purpose: The Urban Youth Racing School (UYRS) afterschool program will help prepare students with the skills needed to compete in the global economy with strong emphasis on science, technology, engineering and math (STEM) education. Educators at the local, state, and national levels have focused on improving the knowledge and skills for students needed to prepare them for the 21st century workplace. In a report published by the U.S. Department of Commerce, U.S. Department of Education, U.S. Department of Labor, National Institute for Literacy and the Small Business Administration, American workers will need to be better educated to fill new jobs. The future workforce will need to acquire not only the basic skill sets of reading, writing and math but also technical skills, organizational skills, and cognitive skills.

The UYRS afterschool program is for middle and high school students attending the Philadelphia public school district. The aim is to teach content areas that are generally not emphasized in the Philadelphia public school systems but are essential for succeeding in the 21st century. The content areas include (1) financial and economic literacy, (2) life and behavioral skills, (3) health literacy, (4) STEM education, and (5) environmental literacy. Using lecture and hands-on exercises the program will teach four-weekly courses in financial and economic literacy, six-weekly courses in life and behavioral skills, four-weekly courses in health literacy, 20-weekly courses in STEM education, and four-weekly courses in environmental literacy.

The UYRS afterschool program will serve at least fifty students annually and will run Monday thru Friday from 3:30pm to 6:30pm. UYRS is seeking funds in the amount of \$250,000 to cover the program costs for one year.

Project Name: Vertical Axis Wind Turbine (VAWT) Demonstration Project

Recipient: Thomas Paine Foundation 12 North Bryn Mawr Place, Media, Pa 19063

Amount Requested: \$1,000,000

Purpose: The Obama administration has made it clear it wants to promote offshore wind turbine electricity generation. Tens of millions of dollars have been spent in Recovery Act (ARRA) funds specifically to enable technologies to reach offshore winds. The new idea of applying air bearings to the old idea of vertical axis wind turbines enables a wind turbine with a low center of gravity and a broad base, so they are easy to float. The current technology of horizontal axis wind turbines have a high center of gravity and a narrow base, it is difficult to make a floating design with this technology. So this activity will enable a major policy goal of the current administration and potentially bring thousands of clean energy jobs to our area. Our area could supply the whole east coast with floating wind turbines making us a leader in manufacturing clean energy generation equipment.

Project Name: Wellness Center for People with Disabilities

Recipient: Better Days 2015 South 19th Street, Lower Level, PO Box 20020, Philadelphia, PA

Amount Requested: \$4.6 million

Purpose: We want to build a six story residential multi use facility on this very large vacant lot (that has been vacant for all of forty plus years). The facility will operate on a three shift bases, hire over one hundred-plus individuals, have an office, diverse programs, cafeteria, on-site day care, elevator, fire shafts, loading dock and capacitate sixty residents.

Project Name: Wellness Programs for People Impacted by HIV/AIDS

Recipient: Siloam 1133 Spring Garden Street Philadelphia, PA 19123

Amount Requested: \$162,000

Purpose: Siloam's ongoing mission is to support people impacted by HIV/AIDS beyond traditional and often sterile medical practices. Siloam provides wellness and educational programs to support not only the people living with HIV/AIDS, but also their caregivers, and healthcare professionals primarily within the City of Philadelphia and Delaware County but also throughout the Delaware Valley. Our programs include such services as: Weekly support groups for people infected with or affected by HIV/AIDS; Monthly "lunch and learn" educational workshop series; Monthly day workshops providing educational content to caregivers; Quarterly 3 day off site workshops; Yoga and tai-chi classes to help people control their stress levels. This grant will also be used to install new software to better track clients and program outcomes; will publish a regular newsletter focused upon people who do not have access to the internet and update Siloam's website in order to publicize the various program. To support our outreach to medical professionals this funding will be used to host a series of professional breakfasts for physicians, nurses, and social workers and enhance our efforts to reach medically underserved populations through outreach/marketing efforts. To lessen our reliance on future federal funding we intend to create the position of Development Director to help write foundation grants. Travel to community-based programs, e.g., to the local farmer's market so participants can learn how to shop more nutritiously, or to learn how to garden in order to look at areas outside of themselves to improve their health and mental outlook. We will provide bus transportation for clients to community-based programs and

educational workshops in the community.

Project Name: Widener University Energy Efficiency Improvement Project

Recipient: Widener University One University Place Chester, PA 19013

Amount Requested: \$1,100,000

Purpose: Widener's New Academic Building is a capital project that will serve as a focal point in the center of Widener University's main campus in Chester, Pennsylvania. This project has Board of Trustees approval and existing private and public funding available for its construction. Total cost of site preparation, design and construction is \$17 million; \$1.2 million is approved by the Commonwealth of Pennsylvania for related energy efficiency components of the building. This request will directly support 18 green construction jobs for installation of the energy efficient equipment, and the total building construction project will also create approximately 250-300 full-time equivalent planning, design, demolition, and construction jobs. The construction is planned to begin in May 2010 and will be completed by January 2012. This funding request will enable this center stage building to become LEED certified. The Widener New Academic Building will house the School of Nursing and The Oskin Leadership Institute. In particular, this building will help meet the science education needs specific to the field of nursing.

Project Name: Wills Eye Center for Traumatic Eye and Brain Injuries

Recipient: Wills Eye Health System 840 Walnut Street Philadelphia, PA 19107-5109

Amount Requested: \$3 million

Purpose: Funding would be used for a state of the art MRI machine will be able to perform traditional MRI studies as well as functional and diffusion tensor studies to better define not only of our deployed war fighters but also for patients in Philadelphia who have suffered potentially blinding eye injuries. The Wills Eye MRI will directly benefit military and civilian healthcare by completely studying TBI related to ophthalmology.

Project Name: WORC Commercial Corridor Revitalization Program

Recipient: Wynnefield Overbrook Revitalization Corporation 5600 City Ave. – Merion Place Philadelphia, PA 19151

Amount Requested: \$1,500,000

Purpose: WORC has been working to restore the primary economic viability of the commercial corridors and surrounding neighborhoods in the Wynnefield, Overbrook and Parkside sections of West Philadelphia. WORC is leading an effort to bring economic development to the areas of Lancaster Avenue, Lansdowne Avenue, 63rd Street, North 54th Street, and Parkside Avenue after having seen progressive deterioration over the past 50 years. Physical improvement of the infrastructure and a concerted effort to attract amenities that support the community by reinvestment in;

- creating new businesses located in the designated program areas;
- creating new jobs in the designated program areas;
- improving facades and streetscapes; and
- fostering citizen engagement in grassroots development through participation in commercial revitalization committees and projects.

Accessible financing will be provided to spur economic growth, and local small businesses will be supported by targeted marketing of the area as a business destination. Using revolving loan funds to recapitalize small businesses in the key retail and commercial corridors, WORC plans to revitalize community businesses to promote job growth and real estate reinvestment.

Project Name: WORC Safe and Clean Community Partnership Program

Recipient: Wynnefield Overbrook Revitalization Corporation 5600 City Ave. – Merion Place Philadelphia, PA 19151

Amount Requested: \$2,350,000

Purpose: WORC WORC seeks to undertake a major initiative to enhance the safety and quality of life in its target area through projects that include: 1. Deployment of a major lighting initiative that would lead to a complete overhaul in how safety within target area is perceived; 2. Development of a pilot Community Court program at the SE corner of 63rd and Lansdowne Avenue; where adjudicated participants will be directed to participate the following program, 3. Implementation of the Clean, Safe and Green campaign that will remove dangerous invasive plants and trash from public cartways, and alleys. These initiatives combined will help WORC deliver positive sustained improvements against the most significant priorities identified by our residents, crime and fear of personal safety. Ensuring our area is a clean, safe community is fundamental to improving quality of life. These are practical tactics that have been successfully used to address specific problems affecting the quality of life in many distressed urban US neighborhoods.

Project Name: WORC Workforce and Youth Development

Recipient: Wynnefield Overbrook Revitalization Corporation 5600 City Ave. – Merion Place Philadelphia, PA 19151

Amount Requested: \$1,090,000

Purpose: This program has two main objectives: (1) To support high quality service learning projects that engage middle and high school students in meeting community needs with demonstrable results, while enhancing students' academic and civic learning; and (2) to support efforts to build capacity and strengthen the service infrastructure with institutions of higher education.

WORC's tutoring and mentoring program will engage area students in service activities that will generally provide outreach and education around a variety of issues including, various areas of secondary education, primary and preventive health care, conflict resolution, neighborhood clean-up and revitalization, gang violence, and substance abuse prevention. Through structured reflection and related course work, the students translate their service activities into opportunities for academic and civic learning.

These efforts include 1) undertaking an organized facility planning process and 2) implementing interim recreation programs. These initiatives are designed to provide programs and a facility that can significantly enhance the quality of life in Wynnefield.

Project Name: X-49A Envelope Expansion Modifications

Recipient: Piasecki Aircraft Corporation 2nd Street West, Essington PA 19029

Amount Requested: \$4.8 million

Purpose: Integration of the ADAPT programmable flight control and Supplementary Power Unit (SPU) systems on the X-49A VTDP Compound Helo Demonstrator (FAA # N40VT) will enable flight validation of the technology's potential to significantly increase speed, range, hover payload, ceiling, maneuverability, and survivability beyond that of conventional helicopters. ADAPT incorporates patented advanced flight control algorithms to enable in stride re-configuration to adapt to battle damage, optimize for various flight regimes (performance, maneuverability, min O&S cost), and reduce pilot work load to enhance survivability and mission effectiveness. The SPU system, through the X-49A's dual path power train architecture, enables a significant increase in power available while retaining the existing main transmission, enabling a 20% increase in hover performance, speeds in excess of 200kts, and improved One Engine Inoperative (OEI) performance.

Project Name: Yes Mommy Can Mentoring and Enrichment Program for Teen Mothers

Recipient: Family Care Solutions, Inc. 8001 Castor Avenue, #501

Amount Requested: \$300,000

Purpose: The Yes Mommy Can Mentoring and Enrichment Program (YMC) is a five year initiative that has two goals— increase the high school graduation rate to 80%, doubling the national average of 40%¹ and to double the college graduation rate of 24%² as reported by the U.S. Department of Education, Child Care Access Means Parents In School (CCAMPIS) program. Family Care Solutions (FCS) plans to improve access to and attainment of postsecondary education among promising low-income teen mothers. Previous initiatives have often focused solely on implementing supports and resources to help teen mothers graduate high

1 The National Campaign to Prevent Teen Pregnancy: Why It Matters; Teen Pregnancy and Education, <http://www.teenpregnancy.org>

2 Child Care Access Means Parents In Schools: Program Performance Plan, <http://www.ed.gov/programs/campisp/performance.html>

school. This project will go a step further by implementing supports and resources to encourage teen mothers to view college graduation as an achievable future goal. More than 750,000 teens become pregnant every year in the United States.³ Less than half (40%) are expected to graduate high school.⁴ Education plays a pivotal role in the dynamics of the family structure. Teen mothers who graduate high school and complete a postsecondary education are better positioned to care for their families and become economically self-sufficient.

YMC will identify 10th and 11th grade low-income teen mothers who are academically promising and who aspire to go to college, but who are at-risk of dropping out of school due to lack of child care, financial barriers, and family or personal demands. YMC intends to work with 180 teen mothers and their children over the course of the program.

Project Name: Youth Programming for the Learning Lab at WHYY

Recipient: WHYY, Inc. 150 N. 6th Street Philadelphia, PA 19106

Amount Requested: \$144,256

Purpose: WHYY is seeking funding for youth media programming in the Learning Lab at WHYY, an initiative of greater Philadelphia's largest public media organization. WHYY recognizes that media literacy is essential for 21st Century success. Media production is an important skill for many current and future workplaces, and the ability to produce clear and professional videos can be an important key for many entering the workforce. For the past seven years, the Learning Lab at WHYY's community media programs have operated out of WHYY's TV and radio studios, but in May 2009, construction began on a new Learning Lab adjacent to WHYY's current building. The new building is scheduled to open in May 2010, and will serve as a hub of media literacy for the Philadelphia area.

With the technology available in the new facility, the Learning Lab will be able to greatly expand its successful youth media programming, which uses a hands-on, project-based curriculum that teaches students the basics of production technology and digital storytelling as they work on media projects of their choosing. However, the scope of this programming is not possible without funding. The proposed funding would be used to cover operating costs for the expanded youth programs, including a doubling in size of WHYY's popular after-school documentary program, a new youth radio program, and a new studio production course. With the new funding, WHYY will be able to bring local school groups into the Learning Lab for half-day, hands-on video workshops, and create a new region-wide Youth Film Festival. In addition, funding will go to the creation of new youth media curricula that will be tied to state standards and vetted by education and production experts.