

Fighting for Local Investments

Congresswoman Allyson Schwartz formally requested support for the following local and regional projects from the House Appropriations Committee for Fiscal Year 2010.

Congresswoman Schwartz believes in the importance of federal investments in meeting critical national, regional and local needs. She also recognizes that the appropriations process is in need of reform. To that end, Congresswoman Schwartz has voted in favor of new disclosure requirements and supports increased transparency. In fact, last year she posted her funding requests on her website – an act of transparency that was recognized by the Sunlight Foundation.

While she seeks funding for each of these projects, it is important to note that the Appropriations Committee will make the final decision about which projects receive funding, and at what level.

If project funding is included in an Appropriations Bill in the House, it is NOT a guarantee of federal support. Once the House passes a bill, it must be reconciled with a Senate bill and signed into law by President Obama.

Congresswoman Schwartz recognizes the important work done throughout Southeastern Pennsylvania and she is pleased to support the following organizations and municipalities, each of which approached her with requests for appropriate federal assistance.

Safeguarding Our Communities

Technology Upgrades for Police Vehicles - \$191,500

*Abington Township Police Department
1166 York Road
Abington, PA 19001*

This funding will assist the Abington Township Police Department in its ongoing effort to upgrade the in-car computer technologies used by its officers. Specifically, this will make all relevant and necessary information about police calls accessible to officers in their vehicles. Additionally, it will allow officers to remotely file reports back to the station for approval. This is a worthy taxpayer investment because it will improve the efficiency and effectiveness of the Department and increase the safety of the Township.

Equipment Upgrades - \$40,000

*Jenkintown Borough Police Department
700 Summit Avenue
Jenkintown, PA 19046*

This funding will allow the Jenkintown Borough Police Department to purchase new in-car video cameras, computer technology for its cars and offices, and a new fingerprint system. It will also provide for the maintenance of the Department's newly formed K-9 and traffic safety units. This is a worthy taxpayer investment because it will improve the efficiency and effectiveness of the Borough Police Department and increase the safety of the Borough.

Technology Upgrades - \$66,900

*Lansdale Borough Police Department
35 Vine Street
Lansdale, PA 19446*

This funding will allow the Lansdale Police Department to acquire and deploy new technologies for its station and patrol cars. This is a worthy taxpayer investment because it will improve communication within the department and improve the efficiency, effectiveness and safety of its officers while improving the safety of the Borough.

Technology Upgrade - \$77,700

*Montgomery Township
1001 Stump Road
Montgomery, PA 18936*

This funding will allow the Montgomery Township Police Department to acquire and deploy in-car video cameras to provide a permanent record of police activities. Such records are beneficial for criminal prosecutions, primarily driving under the influence cases, and protect police officers against allegations of misconduct, false arrests, and excessive force by establishing an audible and visual recording of encounters. This is a worthy taxpayer investment because it will improve the safety of the Township while enhancing the accountability of the Police Department.

Philadelphia Real Time Crime Center - \$1,028,500

*Philadelphia Police Department
8th & Race Sts #805
Philadelphia, PA 19106*

This funding will establish a Real Time Crime Center for the Philadelphia Police Department, which will centralize support and coordination for major investigations, incidents and events. The funds for this project would be used to acquire the software, hardware, services and infrastructure needed to procure, integrate, manage and maintain a state of the art technology center that can provide non-stop crime and investigative support for operating police and Task Force units. This is a worthy taxpayer investment that will improve the efficiency and effectiveness of the City Police Department and increase the safety of the City of Philadelphia.

Emergency Operations Center Backup Generator - \$75,000

*Towamencin Township
1090 Troxel Rd
Lansdale, PA 19446*

This funding will allow Towamencin Township to purchase and install a standby generator system for its Emergency Operations Center. The generator will supply emergency back-up power for all telephone, radio, computer, data, HVAC, and lighting systems within the Emergency Operations Center, as well as the Township Police Department facilities including the containment cells and booking center. This is a worthy taxpayer investment because it will provide for the safety and security of Towamencin Township.

In-Car Cameras - \$63,000

*Upper Gwynedd Township Police
1 Parkside Place
P.O. Box 1
West Point, PA 19486*

This funding will allow the Upper Gwynedd Township Police Department to acquire and deploy in-car video cameras to provide a permanent record of police activities. Such records are beneficial for criminal prosecutions, primarily driving under the influence cases, and protect police officers against allegations of misconduct, false arrests, and excessive force by establishing an audible and visual recording of encounters. This is a worthy taxpayer investment because it will improve the safety of the Township while enhancing the accountability of the Police Department.

Growing Our Economy

Commercialization Germinator and Corporate Development - \$250,000

*BioStrategy Partners
1231 Highland Avenue
Fort Washington, PA 19034*

This funding will assist BioStrategy Partners, a non-profit virtual life science incubator, in its efforts to facilitate the transformation of basic scientific research into biomedical products that reduce the burden of disease and are safe for human use. The Commercialization Germinator helps University-based projects and provides market feedback in preparation for translational research or proof-of-concept funding applications. The Corporate Development Program helps company-based projects through hands-on guidance and support in preparation for drug candidate/prototype development funding applications. This is a worthy taxpayer investment because it will continue the development of the important and innovative work being done by the early-stage life sciences industry in Southeastern Pennsylvania.

Center for Small Business Education, Growth and Training - \$720,000

*Community College of Philadelphia
12901 Townsend Road
Philadelphia, PA 19154*

The Center for Small Business Education, Growth and Training will be an economic engine for Northeast Philadelphia, providing training and resources for locally owned small businesses. Expansion efforts will fulfill critical economic needs by enabling programs tailored to the demands of local and regional industries and businesses. This is a worthy taxpayer investment because it will improve the region's workforce and encourage economic growth.

Emerging Manufacturers Initiative - \$500,000

*Delaware Valley Industrial Resource Center
2905 Southampton Road
Philadelphia, PA 19154*

This funding would be used to implement an initiative focused on providing emerging manufacturing companies in Southeastern Pennsylvania with the skills, knowledge and training to grow their businesses and become leaders in our regional economy. The initiative would identify 20 small manufacturing companies in the Delaware Valley Region to participate in a manufacturing education and training curriculum that will assist participating companies in developing winning expansion strategies for their businesses. The program will give participants the opportunity to work with experienced mentors, attend workshops and develop connections with peers, elected officials, community leaders and the local financial community. This is a worthy taxpayer investment because it will improve the region's workforce and encourage economic growth.

Equipment for Orleans Technical Institute - \$750,000

*Jewish Employment and Vocational Service (JEVS) - JEVS Human Services
1845 Walnut Street
Philadelphia, PA 19103*

This funding will equip JEVS' newly-constructed Orleans Technical Institute (Orleans Tech) in Northeast Philadelphia with specialized training equipment for shops, library resources and other equipment that will provide an optimal training environment for student success in diploma and associate degree programs in the building trades, human services, and court reporting fields. This is a worthy taxpayer investment because it will improve the region's workforce and encourage economic growth.

Protecting and Equipping our Soldiers

3D Bias Woven Perform Development - \$3,000,000

*Bally Ribbon Mills
1204 Meinel Road
Huntingdon Valley, PA 19006*

This funding will continue the development of 3D bias woven composite structures for aerospace applications in conjunction with the Air Force Research Laboratory. This technology will enhance the performance and lower cost and weight of the structures under consideration for the Joint Strike Fighter, the sustainment of the F-16, the unmanned combat air vehicle, space operation vehicles and other future weapon systems. This is a worthy taxpayer investment because studies have shown that composite structures will provide a 50 percent cost reduction for aerospace vehicle structures and eliminate the corrosion issues currently plaguing the Air Force fleet.

Advanced Energy Storage Development for Renewable Electrical Energy Generation - \$2,500,000

C&D Technologies Inc.

1400 Union Meeting Road

Blue Bell, PA 19422

Congress has mandated that by 2025 DOD must receive 25% of its energy from renewable sources. But while renewable energy sources such as wind and solar are abundant and clean, they are handicapped by the limiting factor of intermittent supply. During the night or on calm days, the power generation ability of these systems can be severely reduced. Because of a current inability to efficiently collect and distribute power in a cost effective, consistent and reliable manner, the adoption of many renewable energy efforts has been delayed. In support of efforts at the Army Research Laboratories, this funding will continue the development of a more effective lead acid battery designed to store excess power during times when production is high but demand is low and then distribute it over the grid when it is needed. This is a worthy taxpayer investment because it will help the DOD achieve its renewable energy goals.

Ceramic Membrane – 10(X) Times More Energy for Battery Systems - \$4,000,000

MaxPower, Inc

141 Christopher Lane

Harleysville, PA 19438

The U.S. Army Research Development and Engineering Command (ARDEC) has been pursuing the development of technologies that can lighten the load that must be carried by soldiers. One solution is the development of a high energy density ceramic-based lithium air battery. This battery would reduce the number of batteries that soldiers must carry and lighten the overall weight load. This funding will continue the development of a cost-effective and safe ceramic membrane for a lithium air battery system that has superior high energy density – multiplying the energy output by a factor of ten. This is a worthy taxpayer investment because it will result in a battery technology that provides the soldiers with a high power, high energy battery that is superior in its reliability.

Field Splicing of Fiber Optic Cable - \$1,671,800

Aurora Optics, Inc.

7 East Skippack Pike, Suite 202W

Broad Axe, PA 19002

Fiber optics are extensively utilized in military, aerospace, and other data-intensive applications that are vital to the nation's security. However, there are currently no satisfactory solutions to the challenges of field repair, maintenance, and installation of critical fiber cables in aircraft and other platforms. For example – using current replacement methods to repair a broken fiber cable in the wing of an F-16 can cost a week's down time and \$100,000 or more. The technology being developed by this project stands to reduce such repairs to half an hour and \$1,000 or less. This is a worthy taxpayer investment because it will continue work identified as a need by NAVAIR, allow widespread adoption of fiber optics in countless applications, and reduce maintenance and repair costs.

HapMed Combat Medic Trainer - \$2,800,000

CHI Systems, Inc.

1035 Virginia Drive, Suite 300

Fort Washington, PA 19034

Insufficient training is being provided to soldiers for crucial battlefield lifesaving skills such as tourniquet application, needle chest decompression, and emergency cricothyrotomy. These skills are necessary to treat the top three leading causes of preventable death on the battlefield. The HapMed Combat Medic Trainer uses a computerized mannequin to more effectively train soldiers. Funded by Army Research, Development and Engineering Command (RDECOM), a prototype training kit has been developed that will improve training for all medics and corpsmen in proper arm tourniquet application techniques. Additional funding is needed in order to provide 12 to 20 prototypes for military validation of these training capabilities, to add a leg tourniquet trainer, and to develop training for the treatment of collapsed lungs. This is a worthy taxpayer investment because it will help save the lives of our military personnel.

Improved Thermal Batteries for Guided Munitions - \$3,500,000

EnerSys Advanced Systems

104 Rock Road

Horsham, PA 19044

A consistent domestic source of thermal batteries is needed for the proper functioning of precision guided munitions and to meet cost savings goals of DOD's Armament Research, Development and Engineering Center (ARDEC). There have been delivery and quality issues with batteries from foreign sources, which can be overcome through the application of new technology and automated production methods. This funding will enable development of a low-cost, high-rate production capability for improved thermal batteries through the use of high quality materials and automated manufacturing. This will be achieved through the production of highly energetic, high purity powdered materials that are of uniform quality and through automated production of battery electrodes and components, followed by high-rate automated assembly of the thermal battery. This is a worthy taxpayer investment because it will provide thermal batteries of high consistency and reliability from a domestic source for the DOD's critical and strategic weapons systems.

NIR Sight (near infra-red ranging) - \$4,000,000

AMPAC, Inc.

214 N Main St

North Wales, PA 19454

Current target recognition systems use non-automated range finding systems that are limited in range and accuracy. Navy Anti-Service Warfare Command has identified a need to improve upon safer standoff distances for ranging detection capabilities from 3 kilometers to 10 kilometers. The NIR Sight program will provide the needed improvements to ranging capabilities while also providing greater accuracy of target recognition. Additionally, because this system will be self-calibrating, it will significantly reduce manpower and maintenance requirements. Navy SBIR efforts have validated the proposed system configuration and the laser and camera component technologies have been demonstrated. This is a worthy taxpayer investment because it will continue this work and allow for its integration into the ongoing Joint Multi-Mission Electro-Optical System program.

