

**Projects Requested by Congressman Richard Neal
FY11- Appropriations Cycle**

Westfield State College Law Enforcement Training Program, \$700,000; Westfield State College, PO Box 1630, 577 Western Avenue, Westfield, MA 01084. Funding for this project will be used for law enforcement training at the Southbridge, MA Conference Center to help first responders and their communities meet emergency preparedness and other security needs.

Phoenix House, Springfield MA Drug Treatment Technology Enforcement Initiative, \$1,200,000; Phoenix House, 15 Mulberry Street, Springfield, MA 01105. These funds will be used to provide transitional support and assistance with community resources for individuals following the acute treatment episode.

Coastal Surveillance by Citizens: A Powerful Early Warning System, \$150,000; Tufts University Cummings School of Veterinary Medicine, 200 Westboro Road, North Grafton, MA 01536. This is a public health issue as many emerging diseases present themselves in marine birds before they effect humans. This is particularly of concern within the Northeast due to the presence of dense human and animal populations.

Stop It Now Help Extension, \$500,000; Stop It Now, 351 Pleasant Street, Northampton, MA 01060. These funds are to be used to expand a help-line and outreach services at Stop It Now in Northampton, MA to prevent the sexual abuse of children. This program serves an important need in preventing damaging and potential criminal behaviors.

Gunshot Allocation Enforcement System Acquisition Technology, \$1,500,000; Springfield Police Department, 130 Pearl Street, Springfield, MA 01105. These funds will be used for technology that can be used to detect and locate the origin of gunshots and weapons events in an effort to protect citizens from violent crime.

MA Maritime Academy Marine Renewable Energy Workforce Training Initiative. \$3,000,000; Massachusetts Maritime Academy, 101 Academy Drive, Buzzards Bay, MA 01532. These funds will be used to fund training in community colleges and technical schools and establish training facilities and methods at the Massachusetts Maritime Academy. Much of the technology used in this effort will be from science performed in Wilbraham, MA.

Next Generation Wind Turbine; Western New England College, \$700,000. Department of Energy, EERE- Wind Energy. Western New England College, 1215 Wilbraham Road, Springfield, MA 01119. These funds will be used to support the fabrication of prototypes and for the testing of the design of the model in a real world environment.

Pioneer Valley Life Sciences, Pioneer Valley Life Sciences Institute, \$1,000,000.

Department of Energy, Science. Pioneer Valley Life Sciences Institute, 3601 Main Street, Springfield, MA 01107. These funds will be used to continue and expand the life science research currently being conducted at the Pioneer Valley Life Sciences Institute (PVLISI).

Connecticut River Ecosystem Restoration, CT, MA, NH and VT, The Nature Conservancy, \$750,000. Department of Energy and Water, Corps of Engineers. The Nature Conservancy, 25 Main Street, Suite 220, Northampton, MA 01060. This study will examine aquatic and floodplain natural communities along the stem and the tributaries of the Connecticut River.

Green Engineering and Sustainability Workforce Development Initiative, Western New England College, Springfield, MA \$1,700,000. Department of Energy and Water, Science. Western New England College, 1215 Wilbraham Road, Springfield, MA 01119. This is a valuable use of taxpayer funds as the project integrates concepts of sustainability and environmental science into the education experiences of students as a learning platform.

John H Chafee Blackstone River National Heritage Corridor Commission, John H Chafee Blackstone River Valley National Heritage Corridor Commission, On Depot Square, Woonsocket, Rhode Island 02895. National Park Service. \$750,000. These funds will be used to fund on-going and new partnership projects of key importance to the corridor projects that runs through many communities in Central Massachusetts.

Pioneer Valley Life Sciences Institute – BayState Medical Center, Springfield, MA.

Department of Health and Human Services, Health Resources and Services Administration (HRSA). \$1,000,000 Pioneer Valley Life Sciences Institute – BayState Medical Center, 3601 Main Street, Springfield, MA 01107. These funds are requested to continue the investment in equipment to perform critical research into the life sciences.

Elms College Science Laboratory Equipment Acquisition – Elms College, Chicopee, MA. Department of Education, Higher Education. \$1,000,000 Elms College, 291 Springfield Street, Chicopee, MA 01013. These funds will be used to purchase laboratory equipment for the science building for programs in biology, chemistry, nursing, autism disorders, and communication sciences and disorders.

Quinsigamond Community College Satellite Campus in Southbridge, MA – Quinsigamond Community College, Worcester, MA Department of Education, Higher Education. \$750,000. Quinsigamond Community College, 670 West Boylston Street, Worcester, MA 01606. These funds will be used to purchase educational technology that will support a new venture in Southbridge, MA. The college plans to outfit campus facilities with state of the art equipment and to create modern classrooms and leading edge lab space.

Patient Safety and Health Outcomes Improvement Act, Mercy Medical Center, Springfield. Department of Health and Human Services, \$500,000. Mercy Medical Center, 271 Carew Street, Springfield, MA 01104. These funds will be used to upgrade moveable oxygen equipment used in anesthesia administration, patient heart and blood pressure and oxygen monitoring.

Wing Memorial Hospital CT Scanner, Wing Memorial Hospital, Palmer, MA.

Department of Health and Human Services, HRSA. \$895,000. Wing Memorial Hospital, 40 Wright Street, Palmer, MA 01069. These funds will be used to meet the health care needs of the people in Palmer, MA and the surrounding communities who use Wing Memorial as their health care provider. The needs for inpatient services at Wing have more than doubled in the past decade and the purchase this technology will help the hospital meet these needs.

A National Network for Animal Models and Research Resources; Meeting the Need for High Health, Large Animal Models for Biomedical Research; Cummings School of Veterinary Medicine, North Grafton, MA 01536.

Department of Health and Human Services, Centers for Disease Control and Prevention. \$5,000,000. Cummings School of Veterinary Medicine, 200 Westboro Road, North Grafton, MA 01536. These funds will be used to create a multi-state collaborative network that advances biosecure, efficient and humane production of swine for the use in biomedical research. This is an important public health initiative.

Caring Health Center – Medical Expansion for the Medically Underserved, Springfield, MA.

Department of Health and Human Services, \$3,000,000. Caring Health Center, 1145 Main Street, Suite 205, Springfield, MA 01103. These funds will be used to bring health care services to Springfield, MA and will increase patient population by 14,0000 while adding 100 new health care jobs in the area.

Expansion of Mental Health Capacity in Massachusetts Schools, Children’s Hospital

Boston for mental health services in Western and Central MA. Department of Health and Human Services, Substance Abuse and Mental Health Services, (SMAHSA) – Mental Health, \$750,000. Children’s Hospital Boston, 300 Longwood Avenue, BK 120, Boston, MA 02115. These funds are to be used to implement Expansion of Mental Health Capacity in Massachusetts’ Schools (EMHCMS) in four targeted areas, including Greater Springfield.

JFY Net: Academic Support for Career Awareness for the Second District, Boston, MA.

Department of Education, Elementary and Secondary Education. \$400,000. JFY Networks, 125 Tremont Street, Boston, MA 02108. These funds will be used to build student skills and enhance student performance on standardized tests in the classrooms of students in Western and Central Massachusetts.

Old Sturbridge Village Infrastructure Improvement Program, Old Sturbridge Village, Sturbridge, MA 01566.

Department of Housing and Urban Development, Economic Development Initiative. \$135,000. Old Sturbridge Village, 1 Old Sturbridge Village, Sturbridge, MA 01566. OSV will address deferred maintenance needs among historic buildings on its campus. OSV continues to serve as an important economic engine in Central Massachusetts and these funds will be used to continue to invest in this important and interesting national treasure.

Eastern Gateway, American International College, Springfield, MA. Department of Transportation, Federal Highway Administration, TCSP – Transportation and Community System Preservation, \$1,000,000. American International College, 1000 State Street, Springfield, MA 01109. This initiative will transform a significant section of State Street through the redevelopment of an area adjacent to American International College. This project will increase neighborhood stability and will perform a pedestrian walkway in a currently that is currently blighted with vacant buildings.

Three County Fairground Redevelopment, City of Northampton, MA. Department of Housing and Urban Development, Economic Development Initiative. \$1,000,000. City of Northampton, City Hall, 210 Main Street, Northampton, MA 01060. These funds will be used to improve the Three County Fairgrounds to increase visitation and the economic impacts in the local economy and the region.

Main Street (Route 122A) in the Mill Villages of Fisherville and Farnumsville in South Grafton, MA. Department of Transportation, Federal Highway Administration, TCSP – Transportation and Community System Preservation. \$1,000,000. Town of Grafton, 30 Providence Road, Grafton, MA 01519. These funds will be used for streetscape improvement along a one mile section of roadway connecting the historic mill villages of Fisherville and Farnumsville. These villages have seen substantial disinvestment and blight over the years.

May House Restoration and Expansion Project, Becker College, Leicester, MA. Department of Housing and Urban Development, Economic Development Initiative. \$800,000. Becker College, 61 Sever Street, Worcester, MA 01609. These funds will be used to renovate and expand the May House on the campus of Becker College in Leicester, MA.

Active Phosphates Fiber for Eye Safe Advanced Fiber Lasers. \$5,000,000. University of Massachusetts, Lowell, Department of Electrical and Computer Engineering, Ball 301, One University Drive, Lowell, MA 01854. The objective of the high Performance Eye-Safe Phosphates Fiber for Advanced Fiber Lasers is to develop high gain fiber material, a key enabling technology for the next generation of weapons systems. Most of this important science will be developed in Southbridge, MA.

Humanoid Robotics for Enhanced Mobility Agility and Access in Complex Urban Environments. \$4,000,000. Western New England College, 1215 Wilbraham Road, Springfield, MA 011109. These funds will be used to demonstrate the feasibility of humanoid robots operating in complex environments, taking this technology to being implemented in real world military environments where lives could be saved.

The United States Marine Shrimp Farming Program, \$6,000,000;

The Cummings School of Veterinary Medicine in North Grafton, MA is part of this important consortium, although the physical address of the consortium is in Hawaii. Part of these funds will come to MA and other representatives from other institutions in the consortium are also making this request. The U.S. Marine Shrimp Farming Program, 41-202 Kalanianoʻe Highway, Waimanalo, HI 96795; National Institute of Food and Agriculture, CSREES. This project will provide shrimp producers with direct access to high quality improved shrimp as well as advanced diagnostic and treatment methods. This project keeps domestically grown shrimp disease free and healthy to consume.