Agriculture, Rural Development, and Related Agencies

Agriculture Farming Systems Research Center, Beaver, West Virginia: $8.2 million has been requested for the operation of the Agriculture Farming Systems Research Center. The Center designs management practices that sustain productivity and profitability of pasture-based livestock systems that deliver improved soil, water, and air quality. The Center has been in operation for more than thirty years and its work strongly aligns with four of the five research priorities of the Research, Education, and Economics Mission Area of the U.S. Department of Agriculture.

Agriculture Research Service, Appalachian Fruit Research Station, Kearneysville, West Virginia: $400,000 has been requested for the Agriculture Research Service (ARS) to support the hiring of a computer vision engineer/scientist and support staff for the Appalachian Fruit Research Station (AFRS) in Kearneysville, West Virginia. The new scientist and technicians would work to develop components of robotic systems for automation of fruit production and handling processes and to develop pest-only targeted spray technology in tree fruits.

Agriculture Research Service Appalachian Fruit Research Station, Kearneysville, West Virginia: $1.5 million has been requested for the Agriculture Research Service for construction of an expansion to the laboratory and specialized research space at the Appalachian Fruit Research Station in Kearneysville, West Virginia. The proposed expansion will incorporate new, environmentally-friendly fruit production technologies allowing U.S. producers to remain competitive within global markets. The research and resulting new technologies will benefit consumers, the general public, and the American Fruit Industry by contributing to environmentally and economically sustainable production of more nutritious and healthful fruit in the U.S.

Natural Resources Conservation Service, Dunloup Creek Watershed, Fayette County, West Virginia: $7.7 million has been requested for the Natural Resources Conservation Service, Morgantown, West Virginia, to support the Dunloup Creek Watershed Project, a voluntary flood buyout program impacting 290 properties and associated infrastructure in Fayette County which have suffered repeated flooding, with devastating events in 2001, 2005, and, most recently, in March 2010. Accompanying this project are incalculable benefits to reducing risk to life and property, improving the quality of life to a distressed community, and restoring environmental integrity to the natural floodplain of Dunloup Creek.

Natural Resources Conservation Service, West Virginia Conservation Initiative: $1.5 million has been requested for the Natural Resources Conservation Service (NRCS), Morgantown, West Virginia, to support conservation outreach and the development of conservation plans for 25,000 acres throughout West Virginia, to include nutrient management plans, grazing plans, buffer strips, livestock exclusion, and manure handling facilities. The NRCS will also use the funds for landscape scale assessments to identify specific watersheds that have both great need and potential for solutions, including flood

specific watersheds that have both great need and potential for solutions, including flood prevention structures, buyouts, stream restoration, and sewage treatment. Targeted watershed planning from initiative provides an important foundation for economic development in historically low-income areas of the State.

Natural Resources Conservation Service, North Fork of Elkhorn Creek Watershed, McDowell County, West Virginia: $300,000 has been requested for the Natural Resources Conservation Service, Morgantown, West Virginia, to support a detailed watershed investigation of the North Fork of Elkhorn Creek. Major resource concerns in this area include flooding, water quality, and water supply. The area has sustained repeated damages from multiple flood events over the last decade. Approximately 100 homes, businesses, schools, and churches are within the 100-year flood plain.

Marshall University Bacterial Source Tracking Project, Water Pollutants Database, Huntington, West Virginia: $550,000 has been requested for Marshall University (MU) to support environmental fecal source tracking and pathogen profiling in natural waters. Rapid identification of fecal contamination is paramount in reducing human exposure to pathogens and remediating the source.

West Virginia State University, Agriculture Waste Utilization Project, Institute, West Virginia: $500,000 has been requested for West Virginia State University to continue its work to develop innovative and biological ways of utilizing livestock wastes by converting them into assets for the farmer. Environmental contamination caused by agricultural and other waste is a worldwide problem, and West Virginia State has been developing a technology that can contribute in alleviating and reducing these types of wastes.

West Virginia University, Wood Utilization Program, Morgantown, West Virginia: $500,000 has been requested for West Virginia University to further its role in the fourteen-state Wood Utilization Program which promotes forestry and forest products as viable contributors to the economies of each state. This project will focus on efforts to identify and promote economic opportunities for the state's wood products industries through applied research and technology transfers.

West Virginia University, Aquaculture Production and Marketing Development, Morgantown, West Virginia: $750,000 has been requested for West Virginia University to continue its research and community outreach efforts on more efficient and profitable production of fish. Specific emphasis is given to marketing, cost of production and processing, product quality, improved production technologies, proper treatment and disposal of waste products, potential use of impaired mine waters, and technical support for state producers and processors of fish.

U.S. Department of Agriculture, Animal and Plant Health Inspection Service, Wildlife Services, Integrated Predation Management Program for West Virginia: $400,000 has been requested to continue the West Virginia Integrated Predation Management Program. The West Virginia Integrated Predation Management Program matches federal

and state funds to help sheep, goat, and cattle producers in West Virginia. Through this program, the U.S. Department of Agriculture, Animal and Plant Health Inspection Service works to protect property and reduce human health and safety risks by managing the population of the local predators. In addition, the program combats wild-borne diseases, protects natural resources, such as fisheries and timber, from wildlife depredation.

West Virginia University, Center for Food, Nutrition and Obesity, Morgantown, West Virginia: $400,000 has been requested for West Virginia University to initiate a project to combat obesity. The program would involve an interdisciplinary collective of scientists and educators from the Davis College of Agriculture, the Extension Service, and the School of Medicine, who will design and test programs to promote healthier eating and physical activity habits among children and families in the state using a variety of approaches. The project will research the behavioral and environmental factors that influence obesity in order to develop effective obesity prevention strategies.

Commerce, Justice, Science and Related Agencies

$4,325,000 has been requested for Marshall University's Forensic Science Center DNA Laboratory, Huntington, West Virginia, to support further development of the Center to provide essential support and services to the West Virginia and the national forensic science communities through DNA analysis for database development, forensic casework, parentage DNA testing, and training in the area of forensic science.

$785,000 has been requested for Marshall University's Computer Forensics Initiative, Huntington, West Virginia, which focuses on research and training of specialized personnel who will meet the future needs of law enforcement and corporate America in the area of computer crime investigations at all levels, including terrorist attacks on computer networks, child exploitation, drug transactions, and corporate espionage. Further, this funding will support research into new ways to best detect, extract, and analyze digital evidence from a large number of electronic devices in order to prevent and control computer and electronic crimes.

$4 million has been requested for West Virginia University's Forensic Science Initiative, Morgantown, West Virginia, which operates under a memorandum of understanding with the FBI's Criminal Justice Information Services Division to develop critical technologies for homeland security and national defense, and which is a leader in fundamental forensic science research, education, training, and model forensic curriculum development.

$3 million has been requested for the Communities in Schools (CIS) program to provide training and technical assistance to CIS affiliates throughout West Virginia, and to support the creation of a state CIS office in West Virginia. CIS serves as the nation's largest dropout-prevention organization, and operates from the premise that students can, and will, achieve academically when the resources to address their academic and social service needs are tailored, coordinated and accessible. CIS identifies available resources and delivers them inside schools, where students spend their days. CIS provides alcohol

abuse and prevention strategies, and helps students with anti-bullying, academic enrichment, and other programs that instill students with responsibilities, core values, and solutions to the problems that often lead to dropping out of school.

$300,000 has been requested for the Partnership of African American Churches (PAAC), a Community Development Corporation in Kanawha County, West Virginia, for research and program development at the community level to address the problems associated with substance abuse in the African American community in West Virginia. PACC recently participated in REACH WV, a Centers for Disease Control and Prevention-funded project within the West Virginia Department of Health and Human Resources, which documents major disparities between African Americans and Caucasians in Kanawha County in infant mortality, child poverty, income, unemployment, chronic disease, and student achievement.

$1,500,000 has been requested to upgrade the emergency radio communications systems in Pendleton County, West Virginia, by the Pendleton County Commission. Pendleton County is a large, rural county, which includes some of the major routes that would be utilized during an evacuation of the National Capitol Region. Further, Pendleton County emergency services and law enforcement personnel are relied upon to supplement the Sugar Grove Navy Base and provide vital first-responder services to two National Forests.

$350,000 has been requested for the establishment of a women's substance abuse recovery home in White Sulphur Springs, West Virginia, by Oakhurst Outreach, Inc., an established 501c3 organization with the mission of finding positive solutions to the problems of substance abuse. The home would provide safe, clean, comfortable housing for women who have suffered from the ravages of alcohol/drug addiction, and provide services to help them recover and remake their lives in a supportive and non-clinical environment.

$435,000 has been requested for the City of Ranson, West Virginia, for the Ranson Police Department's Geographic Information System (GIS)/Crime Tracking/Reporting Initiative to deploy technologies that will help prevent, track, and report criminal activities and emergency situations in the community, and create an integrated communications network to maximize the effectiveness and efficiency of law enforcement personnel.

$1.5 million for the National Technology Transfer Center at Wheeling Jesuit University, Wheeling, West Virginia, to provide continued support to the National Aeronautics and Space Administration (NASA) Innovative Partnership Program. Since 1989, the National Technology Transfer Center has operated through a series of NASA cooperative agreements, research grants, and contracts to help get the costly results of government technological research out into the non-government sector and to assist small businesses.

Department of Defense

Joint Interagency Training & Education Center: $10 million has been requested for the West Virginia National Guard to support the continued operations of the Joint Interagency Training and Education Center (JITEC), based at Camp Dawson (in Preston County) and the Center for National Response (near Standard, WV). Designated by the National Guard Bureau in 2004, the JITEC provides comprehensive antiterrorism, counterterrorism and homeland security training for National Guardsmen, Department of Defense units, federal and state government entities, and civilian responders.
This training enhances the ability of federal, state, and local first responders to deter and respond to homeland-security emergencies.

Allegany Ballistics Laboratory (ABL) Facility Restoration Plan: $10 million has been requested for the U.S. Department of the Navy to continue the phased replacement of the aging and unreliable steam plant that supports the Allegany Ballistics Laboratory, Rocket Center, West Virginia. ABL is a Government-Owned, Contractor- Operated Naval Industrial Reserve Ordnance Plant. A multitude of military weapon components, including missile propulsion systems, conventional warheads, laser initiation systems, and metal and composite structures are produced at ABL. The current steam plant is unreliable, in constant need of costly maintenance, and not compliant with air emission requirements. The new plant would provide a 33% increase in steam production to dependably meet current and projected energy requirements.

U.S. Department of Defense Centers of Excellence program: $7 million has been requested for the U.S. Department of Defense for the continued operations of the Institute of Advanced Flexible Manufacturing Systems at Marshall University, Huntington, West Virginia. The Institute provides small- and medium-sized manufacturers with access to state-of-the-art manufacturing equipment and technologies, as well as highly skilled, customized training programs. This assistance is building a strong, capable, competitive, and just-in-time manufacturing supplier base to support Department of Defense and prime commercial market needs.

Biometrics Fusion Center, Clarksburg: $1.6 million has been requested for the U.S. Department of the Army to support additional personnel and the leasing of additional space in the Clarksburg-Fairmont, West Virginia, region to support ongoing, emerging biometrics research and development and technology. The use of biometrics as an identity management tool is better protecting our military operations abroad.

Digitization of Naval Criminal Investigative Service Files (NCIS): $6.5 million has been requested to continue a program that was competitively awarded to the National Interest Security Company, an IMB company. This program supports the digitization of the agency's backlog of law enforcement investigative records and integration of these records into a modern, secure records system that is available on a 24-hour basis to case investigators. This information is used to catch criminals, foil plots by terrorists against Navy and Marine Corps facilities and personnel, and share information with other law

enforcement and intelligence agencies. This work would continue to be performed at the Allegany Ballistics Laboratory, Rocket Center, West Virginia.

West Virginia Counterdrug Program: $1 million has been requested for the West Virginia National Guard for the continued operations of the West Virginia Counterdrug program. Through this program, West Virginia Guardsmen secure evidence on possible illegal drug activities throughout West Virginia and share this data with West Virginia law enforcement personnel. During FY 2009, this program resulted in 290 arrests and the seizure of over $238 million in illegal drugs and assets.

Continuous Acquisition and Life-Cycle Support (CALS) Integrated Data Environment and Defense Logistics Enterprise Services Program (DLES): $4 million has been requested for the CALS program that was competitively awarded to the ManTech International Corporation to support the U.S. Department of Defense with planning, testing, and implementation of its information network for the 21st century. This work would continue to be performed at ManTech's Fairmont and Hinton, West Virginia, sites.

Direct Squadron Support Readiness Training Program: $4 million has been requested to support the continued development, delivery and implementation of web-based training for the U.S. Navy Reserve for critical airframes (the C-130T, C-9B, and C-40A aircraft). The goal of this program is to assure that each reservist in every grade and rating orientation achieves superior training. This program was competitively awarded to the ManTech International Corporation, which would continue to perform this work at its Fairmont and Hinton, West Virginia, sites.

Condition-based Maintenance Enabling Technologies Program: $3 million has been requested to support the continued analysis, development, testing and evaluation of technologies and processes for the U.S. Department of the Navy's Distance Support program and fleet maintenance transformation initiatives. This program was competitively awarded to the ManTech International Corporation, which would continue to perform this work at its Fairmont and Hinton, West Virginia, sites.

Integration of Logistics Information for Knowledge Projection & Readiness Assessment Program: $2 million has been requested to assist the U.S. Department of the Navy to assess ship readiness and provide interoperability and collaboration among legacy systems. To date, the system is now installed and operational on 120 U.S. Department of the Navy ships. This program was competitively awarded to the ManTech International Corporation, which would continue to perform this work at its Fairmont and Hinton, West Virginia, sites.

Commodity Management Systems Consolidation (CMSC) Program: $2 million has been requested to support the continued development of technology processes to improve the logistics support for the Defense Logistics Agency and the U.S. Military Services. The development of this technology would shorten logistics response times by reducing order times, providing vital information at the point of maintenance, and by providing the right information to the right person at the right time. This program was competitively

awarded to the ManTech International Corporation, which would continue to perform this work at its Fairmont and Hinton, West Virginia, sites.

Electronic Commodity Project: $1 million has been requested to support continued research and development of software systems for the rapid and accurate purchase of commodities during times of war and emergency. This program was competitively awarded to the ManTech International Corporation, which would continue to perform this work at its Fairmont, West Virginia, site.

Armed Forces Institute of Pathology (AFIP) Data Digitization Program:
$15 million has been requested for the Defense Health Program to support the continuation of the Armed Forces Institute of Pathology (AFIP) Data Digitization Program that was competitively awarded to the National Interest Security Company, an IMB company. This program supports the conversion of historical epidemiological and medical record data from the AFIP repositories at the Walter Reed Army Medical Center and other locations into a digitized format. This work provides authorized medical researchers and health authorities with secure computerized access to valuable epidemiological data that is crucial to discovering solutions to medical disease mysteries. The majority of this work would continue to be performed in Cowen (Webster County), West Virginia.

Supply Chain Capability at the Allegany Ballistics Laboratory: $5 million has been requested for the Department of the Navy for the continued development of reusable shipping containers and an associated shipping system that can track the transportation, disposition, and exact whereabouts of a multitude of weapons produced at the ABL. The implementation of this system will support the Navy-owned ABL and military operational readiness by tracking the location and condition of components for DOD weapons for use by the warfighter in a more timely and cost-effective manner. Officials of Greenpak, Inc., are competing for this program, and would perform the work at its facilities in Parkersburg, West Virginia, and at ABL, Rocket Center, West Virginia.

Smart Sensor Supercomputer Center: $13 million has been requested for the U.S. Department of the Army to support the Smart Sensor Supercomputer Center for continued development and testing of low-cost smart-sensor technology to more accurately interpret data collected by detection sensors for enhanced force protection and border security. The use of smart sensors seeks to improve the Department's surveillance capabilities, save soldiers' lives, and reduce manpower costs. A contract to perform this work was awarded to TTi Technologies, Inc., and Vista Research, which will continue to perform work at the TTi facility in downtown Wheeling, West Virginia.

U.S. Department of Defense's Automated Biometrics Identification System: $1.5 million has been requested for the U.S. Department of the Army, Clarksburg, West Virginia, to convert biometrics information into a digital format and incorporate this data into the next-generation of the U.S. Department of Defense's Automated Biometrics Identification System. Including DNA data will provide enhanced matching capabilities to better protect the warfighter and our borders.

Expeditionary Ground Surveillance and Reconnaissance Systems for Tactical Units: $11 million has been requested for the U.S. Department of Defense for the identification, modification, testing, evaluation, and deployment of lightweight mobile surveillance and reconnaissance packages (cameras, radars, sensors, wireless communication, software, and power integration) to provide early detection and warning to U.S. Forces in Iraq and Afghanistan who are deployed to more remote unsecured areas. STS, Berkeley Springs, West Virginia, intends to compete for the contract.

Next Generation Materials Corrosion Inhibitor: $3.5 million has been requested for the Department of the Army to support the development of silane coating that could help reduce both corrosion and adhesion issues with Army weapon platforms. According to the Army, corrosion damage to weapons platforms reduces the service life of parts and requires costly and time-consuming maintenance. Momentive Performance Materials, Friendly, West Virginia, intends to compete for the program.

Next Generation Aluminum Armor Plate Alloy for Improvement of Ballistic Protection: $2.2 million has been requested for the Department of the Army to develop a next-generation aluminum armor plate alloy for improvement of ballistic protection for the Stryker M1126 Infantry Combat Vehicle. Improved armor protection will save lives and help to prevent some of the horrific injuries suffered by soldiers in improvised explosive device (IED) attacks. Alcan Rolled Products, Ravenswood, West Virginia, intends compete for the program.

MatchBox/MXServer Program: $6 million has been requested for the Department of the Army to enhance its ability to store, search, and analyze videos, photos, audio records of individuals of interest through a program called MatchBox/MX Server. The MX Server is an identification system that can process vast amounts of video and photo collections to discover and extract segments depicting people. The requested funding would support the expansion and enhancement of the MX Server, and would integrate this system into other biometric and intelligence data sources. Through the integration of these systems, the DOD would be able to more readily exploit the intelligence contained in video and photo collections to "connect the dots" regarding terrorist and insurgent activities and individuals of interest. Tygart Technology, Fairmont, West Virginia, intends to compete for the program.

Experimental Fighting Vehicle: $10 million has been requested for the Department of the Army to develop a vehicle that can provide the warfighter with a small, highly mobile, highly survivable, fighting vehicle to meet the numerous challenges of the mountainous terrain of Afghanistan. Should funds become available, I3, Clarksburg, West Virginia, intends to compete for the program, in partnership with Clark International Logistics, Poca, West Virginia.

Joint Contingency Contract Support Office Management: $12 million has been requested for the Department of Defense to better manage the large overseas contractor force that is supporting the military and other U.S. agencies through enhancements to the

Synchronized Predeployment and Operational Tracker program. American Systems, Chantilly, Virginia, intends to compete for this additional work, and conduct a portion of the tasks in southern West Virginia.

Military Drug Management System: $3 million has been requested for the Department of the Army to support the development of a military drug management system, which would be integrated into the Military Health System, to monitor clinical outcomes and trends related to dispensing medicine. The system will allow for the early detection of military personnel with chronic health problems, improved treatment, and reduced military health care costs. Braun Technology Systems, Weirton, West Virginia, intends to compete for this work.

Energy and Water Development

I strongly support the President's budget request of $15 million for the Huntington Army Corps of Engineers to continue work associated with the stabilization of the Bluestone Dam in Hinton, West Virginia, which does not meet current safety standards. Dam failure would cause catastrophic flooding along the Greenbrier, New, Gauley, Kanawha, and Elk Rivers, including the City of Charleston. This project would help keep more than 115,000 persons, and property in excess of $6.5 billion, out of harm's way.

$5 million has been requested for the Huntington Army Corps of Engineers to complete work associated with widening the Island Creek channel and the implementation of a Flood Warning System in Logan, West Virginia. Logan has had six major floods in the last thirty years, resulting in repeated loss of life and significant property damages. This project will help to lessen the impact of future flood events.

$1.5 million has been requested for the Huntington Army Corps of Engineers to continue the development of a flood-control project, consisting of a combination of levees and floodwalls, on the Greenbrier River in Marlinton, West Virginia. Significant flood events in November 1985, January 1996, May 1996, and January 2010 have caused extensive damage to the Greenbrier River Basin region, including the Town of Marlinton. When completed, this project would provide a 350-year level of protection to the town.

$1.5 million has been requested for the Huntington Army Corps of Engineers to continue work associated with the development of a levee along the Mud River near the Town of Milton, West Virginia. This area has been extensively impacted by repeated flooding, with the 1997 flood of record having caused damages in excess of $31 million. The completed project would provide a 250-year level of protection to the town.

$2.75 million has been requested for the Huntington Army Corps of Engineers to continue work associated with the floodproofing or relocation of residential or commercial structures in McDowell County, West Virginia, which are located within the 100-year floodplain or impacted by the devastating floods of 1977, 2001, and 2002. Accompanying this project are incalculable benefits to reducing risk to life and property, and to improving the quality of life to an economically distressed county.

$4 million has been requested for the Huntington Army Corps of Engineers to continue the development of the Ohio River Basin (ORB) Comprehensive Feasibility Study. The Ohio River Basin contains over 204,000 square-miles of land and water area in 15 states, which is divided into 152 distinct watersheds. More than 27 million people, critical industries, and ecosystems in this basin area rely on the adequacy of 135 local flood protection plans, 84 flood control dams, and 60 navigation locks and dams, averaging over 50 years old. These structures are deteriorating and utilizing significant operations and maintenance funds to remain functional. The study will develop strategies for the recapitalization of these structures on a sub-basin basis to ensure that the basin is best meeting the current and future needs of the many constituencies it serves.

$1.1 million has been requested for the Baltimore Army Corps of Engineers to repair the hydraulically operated gates that control the outflow of the Jennings Randolph Lake, Barnum, West Virginia, during high flow events. Recent inspections revealed that the current gates are deteriorating from corrosion at a rapid rate, and could soon become inoperable if not addressed. Failure of the gates could result in the project incapable of meeting its flood risk management mission, putting hundreds of persons and surrounding property at risk.

$260,000 has been requested for the Huntington Army Corps of Engineers to address critical unfunded maintenance on the aging Summersville Dam in Summersville, West Virginia. Summersville Lake serves multiple purposes by reducing flood risk to both life and property; providing municipal water supply to approximately 12,000 Summersville residents; and providing recreational opportunities that enhance quality of life of area residents, the national economy, and the environment.

$7.5 million has been requested for the Huntington and Pittsburgh Army Corps of Engineers to undertake water and wastewater initiatives throughout West Virginia. This funding will provide communities with additional opportunities for the development of new, and maintenance of existing, water and wastewater systems that will improve drinking water quality, protect public health, protect ecosystems, and provide modern infrastructure to encourage economic growth.

$100,000 has been requested for the Pittsburgh Army Corps of Engineers to conduct a review and revision of the master plan for the Stonewall Jackson Lake Park in Weston, West Virginia. An updated plan would include additional recreational features, as proposed by the West Virginia Division of Natural Resources.

I have requested that the Statewide Flood Warning Project be listed under the Corps' Section 205 Continuing Authorities Program. Inclusion on this list could help the Huntington Army Corps of Engineers to continue the development of an integrated statewide flood warning system for West Virginia that would provide real-time rainfall and stream-flow data transmitted by satellite directly to the National Weather Service and the West Virginia Office of Emergency Services. The project would reduce risk throughout the entire state of West Virginia by providing more timely flood warnings.

I have requested that the Hatfield Island Erosion project be listed under the Corps' Section 14 Continuing Authorities Program. Inclusion of this project on the list could help the Huntington Army Corps of Engineers to initiate a feasibility study for stabilizing approximately 200 feet of the Guyandotte River on Hatfield Island, Logan, West Virginia.

$1.5 million has been requested for West Virginia University (WVU), Morgantown, West Virginia, to continue studying the construction of a large-scale coal-to-liquids plant and several smaller plants in the Shenhua Province of China. Under the terms of the US-China Clean Energy Protocol, the United States is gaining access to expensive field data on technologies of interest for fuels production and for storing carbon dioxide in deep geologic formations. The project will assist the United States maintaining its scientific and technological advantage over other nations in delivering alternative fuels that are cost-effective and environmentally acceptable.

$3 million has been requested for Marshall University, Huntington, West Virginia, to continue to develop new non-invasive nanotechnologies designed to detect and diagnose disease and illness at very early stages. The program seeks to improve healthcare, reduce health care expenditures, foster next-generation research and medical professionals, and create future economic development in the region.

$2 million has been requested by Shepherd University, Shepherdstown, West Virginia, to enhance the offerings of its Institute of Environmental Studies in the areas of water quality, alternative energy, and sustainable agricultural. Shepherd University officials report that the U.S. Bureau of Labor Statistics projects that the demand for the workforce in fields related to environmental science will grow by about 29% in the coming years. The effort would help to meet that demand, and enhance collaborative research between the University and the nearby federal operations that have an environmental focus including the U.S. FWS National Conservation Training Center, the National Cool and Coldwater Aquaculture Center, and the USGS Leetown Science Center.

$1.5 million has been requested for WVU, Morgantown, West Virginia, to continue the development of a hydrogen fuel dispensing station at the new intermodal facility in Morgantown, and conduct associated research in cooperation with the Department of Energy's National Energy Technology Laboratory. This station, and the operational hydrogen fuel dispensing station at the Yeager Airport in Charleston, would be the basis of a hydrogen fuel corridor in West Virginia, demonstrating new and environmentally friendly ways to use coal-based power for transportation.

$2.5 million has been requested for WVU, Morgantown, West Virginia, to undertake an advanced energy research program to improve the performance and reduce the costs of materials utilized for innovative and renewable power generation. America has an aging fleet of ineffective power plants, and new generation facilities need to be constructed in order to meet growing demand. This program would help to reduce energy costs for households and businesses by developing next generation chemical membranes and heat

resistant materials that will improve energy efficiency, reduce operating costs, and limit harmful emissions at power plants.

Financial Services and General Government

$1 million has been requested for West Virginia University Parkersburg, West Virginia, to aid in the revitalization of the historic W.T. Grant Building in Parkersburg as a multi-use center to offer innovative educational and workforce-development opportunities for the high-growth, high-demand occupations that support the region's economy.

Homeland Security

U.S. Customs and Border Protection (CBP) Advanced Training Center (ATC), Harpers Ferry, West Virginia: $2 million has been requested for the CBP ATC to complete the expansion of the ATC, including the dormitories, dining facility, warehouse, welcome center, and modified conference center. The ATC provides advanced firearms and tactical training to CBP law enforcement personnel and personnel of other federal agencies. The center is opening in phases, consistent with a master plan transmitted to Congress in 2007 after being approved by the Office of Management and Budget and the Department of Homeland Security, and accommodates advanced training consistent with the mission of securing U.S. borders. CBP employees are stationed throughout the world at land and border crossings, airports, seaports, and other urban environments with a need for practical, unique, progressive, and flexible training. In Fiscal Year 2010, it is estimated that there will be 3,786 graduates from this law enforcement training program.

U.S. Coast Guard Operations Systems Center (OSC) Expansion: $2 million has been requested for the Coast Guard for the expansion of the OSC near Kearneysville, West Virginia, including the cost to furnish the office space. Due to the growth in the demand for information technology services and system development, the OSC has experienced robust growth over the past 10 years, necessitating expansion beyond the current facility.

Joint Interagency Emergency Operations Center: $5 million has been requested for a Joint Interagency Emergency Operations Center in Charleston, West Virginia, to enhance the ability of the West Virginia National Guard and West Virginia state agencies to respond to potential threats in the National Capitol Region, and to improve coordination efforts and response during natural disasters and coal, chemical, and other industrial accidents.

Resilient Communities Initiative: $1.45 million has been requested for the Resilient Communities Initiative at West Virginia University (WVU), Morgantown, West Virginia, to improve the ability of rural communities and small cities to prepare for, and respond effectively to, disruptive events such as man-made or natural disasters. It is likely that West Virginia will be severely impacted by a catastrophic event in the National Capitol Region, and rural communities and small cities in West Virginia must be prepared.

Interior, Environment, and Related Agencies

Canaan Valley National Wildlife Refuge: $1,010,000 has been requested for the U.S. Fish and Wildlife Service for construction activities at the Canaan Valley National Wildlife Refuge, Canaan Valley, West Virginia. Funds would be used for the restoration of the pedestrian suspension bridge over the Blackwater River and to complete the construction of the Heart of the Highlands Trail.

Canaan Valley National Wildlife Refuge: $750,000 has been requested for the U.S. Fish and Wildlife Service for land acquisition at the Canaan Valley National Wildlife Refuge, Canaan Valley, West Virginia. Funds would be used for the acquisition of sites that are within the authorized refuge boundaries for incorporation into the refuge.

National Conservation Training Center: $1.45 million has been requested for the U.S. Fish and Wildlife Service for the National Conservation Training Center, Shepherdstown, West Virginia. The funds would be used for addressing long-term maintenance needs and for costs associated with an increased student population.

Ohio River Islands National Wildlife Refuge: $800,000 has been requested for the U.S. Fish and Wildlife Service for construction activities at the Ohio River Islands National Wildlife Refuge, Williamstown, West Virginia. Approximately 400 acres of unique aquatic, riparian, and terrestrial habitats have been lost due to erosion, and this funding would be used to control erosion for Paden Island.

White Sulphur Springs National Fish Hatchery (WSSNFH): $650,000 has been requested for the U.S. Fish and Wildlife Service for the White Sulphur Springs National Fish Hatchery, White Sulphur Springs, West Virginia, for continuing the freshwater mussel research, recovery, and propagation program at this internationally recognized hatchery. Mussels are an important ecosystem health indicator for rivers and streams, and the WSSNFH leads the Nation's efforts in developing freshwater mussel propagation and culture technology for endangered species restoration.

White Sulphur Springs National Fish Hatchery: $200,000 has been requested for the U.S. Fish and Wildlife Service for construction activities at the White Sulphur Springs National Fish Hatchery, White Sulphur Springs, West Virginia. Funds would be used for the construction of a temperature-controlled water storage system, filtration systems, and specialized fish-rearing systems for recovery of endangered freshwater mussels.

Harpers Ferry National Historical Park: $300,000 has been requested for the National Park Service for activities at the Harpers Ferry National Historical Park, Harpers Ferry, West Virginia. Funds would be used to support activities associated with the 150th anniversary of John Brown's raid on the Arsenal at Harpers Ferry.

New River Gorge National River/Gauley River National Recreation Area: $2.8 million has been requested for the National Park Service for construction activities at the New River Gorge National River, Glen Jean, West Virginia, and the Gauley River National Recreation Area, Glen Jean, West Virginia. Funds would be used to complete the development of Camp Brookside; to repair the historic retaining wall on Rend Trail; and for a wastewater treatment system in South Thurmond that will connect several park-owned historic structures.

New River Gorge National River: $4.138 million has been requested for the National Park Service for land acquisition at the New River Gorge National River, Glen Jean, West Virginia. Funds would be used for the acquisition of sites that would provide for additional recreational access and use of the park.

Wheeling Park Commission: $50,000 has been requested for the Wheeling Park Commission, Wheeling, West Virginia, to help finance repairs to the exterior of the historic Oglebay Mansion House. The Mansion, listed on the National Register of Historic Places, is comprised of period rooms that reflect the pioneer times to the Victorian era, and houses historic materials that tell the history of Wheeling.

Jefferson County Preservation Society: $50,000 has been requested for the Jefferson County Preservation Society, Ranson, West Virginia, to help finance restoration of the Blessing/Webb House in Charles Town, West Virginia. This structure, which was once owned by John Blessing (a cook for John Brown while he was incarcerated in 1859), is the first stone house constructed by free Blacks in Jefferson County in the late 1820s. The house is part of the Charles Town Historic District and is listed on the National Register of Historic Places.

Monongahela National Forest: $1.58 million has been requested for the U.S. Forest Service for road construction at the Monongahela National Forest, Elkins, West Virginia.

Wood Education and Resource Center: $500,000 has been requested for the U.S. Forest Service to support the continued operations of the Wood Education and Resource Center, Princeton, West Virginia. The center facilitates interaction and information exchange with the forest products industry to enhance opportunities for sustained forest products production in the eastern hardwood forest region of the country.

Hancock County Public Service District: $2 million has been requested for the Hancock County Public Service District to aid in the construction of the Lincoln Highway Sewer Project in Hancock County, West Virginia. This project consists of the construction of wastewater construction lines that will provide public sewage treatment for over 600 new customers and allow for continued economic development.

Town of Moorefield: $2 million has been requested for the Town of Moorefield to aid in the construction of a Regional Wastewater Treatment Plant in Moorefield, West Virginia. The new regional plant would eliminate five small treatment plants, meet stringent effluent discharge requirements to better protect the Potomac River and Chesapeake Bay,

and protect 3,000 existing poultry processing jobs and 9,000 to 18,000 poultry-related jobs.

Ohio River Valley Water Sanitation Commission (ORSANCO): $500,000 has been requested for the Ohio River Valley Water Sanitation Commission, Cincinnati, Ohio, to help finance ORSANCO's Ohio River Watershed Pollution Reduction Program, which was established to identify, isolate, and respond to pollutants that contaminate the Ohio River watershed and that are posing a significant threat to human health and the environment. Five million individuals, including over 200,000 West Virginians, rely daily on the Ohio River for drinking water.

National Rural Water Association: $16.8 million has been requested for the National Rural Water Association, Duncan, Oklahoma, to help rural water operators across West Virginia with training for certification and operator exams, and to assist the West Virginia Rural Water Association and the West Virginia Department of Environmental Protection in their efforts to meet all legal requirements critical to public health.

Labor, Health and Human Services, Education, and Related Agencies

$3 million has been requested for West Virginia Northern Community College for the construction of the Weirton Center for Economic and Workforce Advancement (Weirton, West Virginia). The Center will provide continuing education expanding and enhancing Allied Health training for individuals, hospitals, and schools.

$3 million has been requested for the Hospice of the Panhandle in Martinsburg, West Virginia, for the construction of an inpatient hospice facility. There is no such patient site in the Eastern Panhandle of West Virginia, and the fourteen bed building will provide an alternative for helping patients in need of pain or symptom management.

$2.95 million has been requested for the Marshall University Institute of Interdisciplinary Research, Huntington, West Virginia. The Institute will explore genetic research into the possible causes and cures of diseases such as diabetes and obesity related problems.

$2.6 million has been requested for West Virginia University, Morgantown, West Virginia, for the completion of a Multiple Sclerosis Center. The Center will provide research capabilities for cures and treatments for multiple sclerosis, as well as provide support services for families.

$2.5 million has been requested for Wheeling Jesuit University, Wheeling, West Virginia, for the HealtheWV program, an electronic medical records system

developed by the U.S. military for use by West Virginia health clinics and school-based clinics.

$1.5 million has been requested for the United Mine Workers of America (UMWA) for the continuation of mine rescue team training at the UMWA Career Centers in Beckley, West Virginia, and Washington, Pennsylvania.

$1 million has been requested for Future Generations, Franklin, West Virginia, to train women in community action to prevent and reduce substance abuse.

$1 million has been requested for the West Virginia Prevention Resource Center, Charleston, West Virginia, to help local substance abuse organizations in eighteen counties better understand and combat the growing epidemic of substance abuse in their communities.

$340,000 has been requested for the Kanawha-Charleston Health Department, Charleston, West Virginia, for the Chronic Disease Management Program. Funding for the program will help to manage the rising burden of chronic diseases such as diabetes, hypertension, smoking, obesity, heart disease, and other disabling conditions. Through the program, the health department will perform diagnostic testing, health promotion, chronic disease management, raise awareness for chronic diseases, and encourage the dissemination of scientific knowledge, experiences, and best practices among various regions in the state.

$250,000 has been requested for St. Mary's Medical Center, Huntington, West Virginia, for the Healthy HEART U Center. The Healthy HEART U Center will serve children ages six to eighteen who are at risk for debilitating health factors due to obesity. Under the supervision of a doctor and nurse practitioner, children who are identified with risk factors for heart disease will go through a twelve-week intensive education program with the expertise of a clinical dietitian, exercise physiologist, nurse, and counselor.

Military Construction, Veterans Affairs, and Related Agencies

$13 million has been requested for the West Virginia Air National Guard to implement force protection and security enhancements at the Yeager Airbase in Charleston, West Virginia. These improvements are necessary to better protect critical national security assets and personnel at Yeager Airbase, and to remedy identified deficiencies.

$6.25 million has been requested for the West Virginia Air National Guard to replace its 1950's era Communications Training Facility at Yeager Airport in Charleston, West Virginia. The current facility provides only half of the space required, and has numerous health, safety, and fire code deficiencies.

$8.9 million has been requested for the West Virginia Army National Guard to supplement $10 million anticipated to be included in the FY 2012 President's budget request for the construction of a new $18.9 million, 57,000 square-foot readiness center in Buckhannon, West Virginia. The 1950's center is severely outdated, undersized, and inadequate to accommodate the new missions assigned under Army Modularity Transformation.

$15 million has been requested for the West Virginia Army National Guard to construct a new 55,000 square-foot readiness center near Holden, West Virginia. The new center will replace existing armories in Monaville and Williamson, both of which are unable to meet existing force protection requirements and are grossly undersized and not configured for the currently assigned units.

$1.999 million has been requested for the West Virginia Army National Guard to provide emergency standby power for the expansion of the Regional Training Institute at Camp Dawson, Preston County, West Virginia, which is currently under construction. Emergency backup power will be essential to ensure continuous operation of the facility.

$1.99 million has been requested for the West Virginia Army National Guard to relocate the current undersized World War II-era mail processing and identification card center at Camp Dawson, Preston County, West Virginia. Constructing a new center at a new access control point will minimize post entry, providing for a more secure facility.

$1.98 million has been requested for the West Virginia Army National Guard to repair and upgrade the current storm/sanitary sewer system and electrical/utility systems at Camp Dawson, Preston County, West Virginia. The repair and upgrades of these systems will greatly enhance reliability and support uninterrupted operations at Camp Dawson.

$1 million has been requested for the West Virginia Army National Guard to plan and design a new Parachute Maintenance and Packing Facility at a site near the proposed Morgantown Armed Forces Reserve Center, for which $21 million is included in the President's FY 2011 budget request. The current operation at Camp Dawson has expanded to a regional logistics function, and the facility lacks adequate space, mechanical lifting devices, and material handling equipment.

$1.5 million has been requested for the West Virginia Army National Guard to plan and design a replacement for the existing 1950's Field Maintenance Shop in Buckhannon. The current facility is in poor condition, does not meet current building codes, and is undersized to support the facility mission. The existing facility also lacks the required military vehicle parking areas, vehicle maintenance areas, supply and storage areas, and administrative space.

$2 million has been requested for the West Virginia Army National Guard for an engineering study and generator equipment to provide emergency standby power to operate the Eleanor Complex. The Eleanor Complex is home to the West Virginia National Guard's highest level command, the 111th Engineer Command, and the

Combined Support Maintenance complex. Additionally, this facility is used to "reset" National Guard and Active Duty military equipment in support of warfighting efforts. To ensure continuous operation of the Eleanor complex, emergency backup power is required.

Transportation, Housing and Urban Development, and Related Agencies

Monongalia Health Systems Access Road: $2.4 million has been requested for Monongalia Health Systems, Morgantown, West Virginia, for the construction of an access road that will provide emergency vehicles, patients, visitors and staff direct access to the facility in Monongalia County in West Virginia. The current route to the hospital requires emergency vehicles to traverse through residential areas to access the emergency entrance.

Appalachian Development Highway System Corridor H: $15 million has been requested for the West Virginia Division of Highways for the construction of this important and much needed highway in Randolph, Pendleton, Tucker, Grant, and Hardy Counties in West Virginia.

Raleigh Street Extension: $9 million has been requested for the West Virginia Division of Highways for the continued construction of the Raleigh Street Extension in Berkeley County, West Virginia.

West Virginia Route 10: $10 million has been requested for the West Virginia Division of Highways for the continued construction of and improvements to Route 10 in Logan County, West Virginia.

The Railroad Safety and Operation Research Center of Excellence at Marshall University: $500,000 has been requested for Marshall University for improvements to railroad safety, security and operations through testing and deployment of new technologies.

West Virginia Statewide Airports: $5 million has been requested for the Federal Aviation Administration for statewide activities at airports in West Virginia.

Statewide Bus and Bus Facilities: $2 million has been requested for the West Virginia Division of Public Transit for statewide activities at transit authorities in West Virginia.

Stonewall Jackson State Park: $500,000 is requested for the West Virginia Division of Natural Resources to support improvements to Stonewall Jackson State Park, Roanoke, West Virginia. The economic impact of the park is essential in supporting the local economy. The improvements to be performed with these funds will leverage additional investments at the park, thus generating significant direct tax revenues.

Appalachia Service Project: $800,000 has been requested for the Appalachia Service Project (ASP), Johnson City, Tennessee, which operates in eight counties in Southern West Virginia, to provide free home repair to low income families. In 2009, 3,800 ASP volunteers repaired 131 homes in West Virginia. ASP was only able to reach one percent of those seeking assistance in 2009. This request would enable ASP to expand its ability to provide free emergency home repair in Southern West Virginia.

Ranson Revitalization: $2 million has been requested for the City of Ranson, West Virginia, for the redevelopment of a blighted former industrial site into a mixed-used center that will include office space, retail space, affordable workforce housing, organized in a smart growth approach with green infrastructure.