

Labor, Health and Human Services, and Education
Listed in alphabetical order by organization within each Federal agency

Department of Labor

Jobs for Maine's Graduates, Inc., Expansion Initiative, Augusta, Maine – \$500,000

Jobs for Maine's Graduates, Inc. (JMG) provides drop-out prevention and school-to-work transition services for at-risk youth. Funding would be used to expand the JMG program through strategic partnerships on a statewide basis to improve Maine's drop-out rate, graduation rate, and post secondary attainment. Funding would help add more than 20 school-based sites by the beginning of the 2011-2012 school years.

Local Area 1 Workforce Investment Board, Healthcare and Labor Sector Intervention Project, Caribou, Maine – \$500,000

This funding would be used in Aroostook and Washington Counties to train new employees for existing vacancies, and allow incumbent workers to access further training to move up the career ladder. This funding will help address the critical shortages in health care professions.

Maine Manufacturing Extension Partnership, New England Mobile Outreach Skills Training Program, Augusta, Maine – \$5,000,000

Funds are requested to deploy the Mobile Outreach Skills Training (M.O.S.T.) Program in New England as an immediate job creation solution. M.O.S.T. is a three-phase rapid training and job placement initiative in which nearly 100 percent of trainees who successfully complete the 2-week Phase I receive job offers from the participating manufacturers. The funding would be used to train and place people in entry-level, high wage manufacturing jobs in New England.

Manufacturers Association of Maine, Maine Aerospace Partnership Initiative, Westbrook, Maine – \$1,000,000

The goal of this initiative is to strengthen Maine's competitive position in the aerospace industry and to expand and grow Maine companies engaged in aerospace-related business. This project will advance the viability and sustainability of Maine's aerospace cluster and result in an increase of jobs, advanced levels of the skilled workforce, and economic development strategies.

Department of Health and Human Services

Cary Medical Center, Breast Cancer Research, Caribou, Maine– \$5,000,000

Funding would be used to conduct a retrospective review of the cases of breast cancer in Aroostook County as collected through the Cary Medical Center to research the geographic distribution, epidemiologic profiles and possible viral causes of breast cancer in this region. The purpose is to discover the causes of breast cancer in Aroostook County, particularly to determine whether a virus causes breast cancer in women.

Charles A. Dean Memorial Hospital and Nursing Home, Equipment Upgrades, Greenville, Maine – \$1,000,000

Funding would be used to replace outdated patient safety systems and equipment, upgrade cancer detection and cardiac monitoring equipment, continue the upgrade of IT patient management systems and improve outpatient surgical services.

Eastern Maine Health Systems, Continuum of Care Response Planning Initiative, Brewer, Maine

Funding would go toward Emergency Preparedness planning for Home Health and Long Term Care services. All-hazards emergency planning is essential for every aspect of healthcare and there are particular issues specific to the Home Health community that need to be addressed.

Eastern Maine Health Systems, Information Systems & Telehomecare Project, Brewer, Maine – \$905,000

The purpose of this project is to improve patient self care management and reduce healthcare costs. Through the use of telehomecare home care nurses, EMHS has effectively intervened so that patients did not require emergency room visits and subsequent hospitalization. Funding would go toward adding more telehomecare units to increase efficiencies in rural healthcare delivery and achieve a higher degree of patient monitoring.

Eastern Maine Health Systems, Continuum of Care Workforce Development Institute Brewer, Maine – \$500,000

Funds will allow EMHS to fully staff the Continuum of Care Workforce Development program with nurse educators building on the partnership with Eastern Maine Community College, support staff and provide access to curriculum and resources needed to attain the patient quality and worker retention outcomes derived from strengthening direct care and nursing leadership workforce.

Goodall Hospital, Equipment Upgrades, Sanford, Maine – \$500,000

Funding would go toward the purchase of fluoroscopy x-ray equipment, which will allow for a higher quality of diagnostic tests. The funding would replace x-ray equipment that is 14 years old, with new fluoroscopy x-ray equipment.

Jackson Laboratory, Chronic Pain Research, Bar Harbor, Maine – \$920,000

Funds are requested for a tissue injury analyzer to study animal response to tissue injury and a MRI to compare brain studies before and after injury to identify the progressive neurological effects of chronic pain. Funding would support instrumentation for study of chronic pain and associated loss of gray matter in the brain, and the ability to compare changes in mouse models with human studies.

Jackson Laboratory, Cell Systems for Health Research, Bar Harbor, Maine – \$94,000

The Jackson Laboratory Stem Cell & Primary Cell Facility opened in 2008. Funding will help to increase production and selection of cellular systems for research. A new program at the Jackson Laboratory will enable scientists to obtain mouse stem cells and primary cells from a variety of

strains of mice. Scientists will be able to target an inquiry at the cellular level before moving to whole animal experiments to confirm their findings.

Maine State Board of Nursing, Strategic Plan for Nursing Education, Augusta, Maine – \$150,000

Funding would support the creation of a strategic plan for nursing education in the state of Maine. Funds would go toward a series of meetings in southern, central and northern Maine between educators, administrators, policy makers, consumers to create a plan to optimize our educational system and to increase capacity for nursing education in Maine.

Mercy Recovery Center, Residential Treatment and Halfway House Program, Westbrook, Maine – \$985,000

Funding would be used to establish a halfway house that will provide ongoing support to patients who are recovering from addiction.

Northern Oxford Regional Ambulance Service, Regional Ambulance Facility and River Valley Public Safety Facility Project, Mexico, Maine – \$1,500,000

Funding would go toward construction of a new ambulance facility and public safety facility. This facility would be designed and located to address the needs of the ambulance service's viability, efficiency, and effectiveness, but would also be designed and located in a manner that would support continued and expanded regional efforts in both the fire and police arenas.

Pen Bay Healthcare, Nurse Education, Practice and Retention Initiative, Rockport, Maine – \$500,000

Funding will expand the Nursing Education, Practice and Retention Initiative; a program designed to retain experienced nurses, train and mentor novice nurses, increase clinical training opportunities for student nurses, and enhance patient care. Funding will allow Pen Bay Healthcare, in partnership with University of Maine at Augusta, to host additional student nurses per semester for their clinical rotations, providing the venue, permissions and professional interactions required for this program and receiving in return the ability to recruit more new nurses.

Sweetser, Electronic Client Records, Saco, Maine – \$500,000

Funding would be used to support the training of 250 employees who will use Sweetser's Electronic Client Record (ECR) system -- an essential operational upgrade that complies with Maine's new managed care environment. Sweetser needs to complete the training phase of an agency-wide ECR System.

University of Maine at Augusta, Dental Equipment Upgrades, Augusta, Maine – \$350,000

Funding would replace and upgrade dental equipment at the University of Maine at Augusta's Bangor dental clinic both for re-accreditation purposes (required to continue UMA's dental hygiene program) and to continue the low-cost dental clinic services for the elderly and veterans.

University of New England, Veterans' Transitional Care and Integration project – \$1,500,000

The purpose of the project is to address a deficiency in the means in which the comprehensive health care needs of Maine's returning veterans and their families are met. Currently, these needs are met by a variety of health care providers at a variety of locations. Funding would be used to renovate an existing building to create a care facility to address the many needs of Veterans under one roof. By co-locating these services at one facility, the ability of health care providers to meet these health care needs - mandated by federal law - can more easily and effectively be met.

University of Southern Maine, Simulation Laboratory Expansion for the College of Nursing and Health Professions, Portland, Maine – \$1,000,000

Funding will allow for the expansion and use of simulation technology in the existing amphitheater-style classroom allowing more students to participate in an unfolding nursing case, using a simulation model to mimic patient responses. In addition, plans include renovating and expanding the Nursing Simulation Laboratory to accommodate and outfit additional simulation rooms.

Department of Education

Atlantic Challenge Foundation, Apprenticeship Accreditation Program Development – \$105,000

Atlantic Challenge Foundation operates a two-year post-secondary education and advanced training apprenticeship program in traditional wooden boat-building. Funding would go toward a program that would result in the accreditation of the Apprenticeship Program by the Accrediting Commission of Career Schools & Colleges of Technology, which would help increase scholarship opportunities and student access to the program.

Bates College, Wabanaki-Bates College, Bowdoin College, and Colby College Native American Collaboration, Lewiston, Maine – \$453,000

Funding will support a Wabanaki Tribes and Bates, Colby, and Bowdoin Colleges collaborative project that will: 1) heighten early college awareness among 4th-8th graders on Indian reservations in Maine; 2) create a summer program for 9th, 10th, and 11th grade Wabanaki students who will spend a day at each of the campuses; and 3) the Colleges will collaborate amongst each other to develop strategies to incorporate Native American communities, academic and cultural content, and current issues in each campus climate.

Cromwell Center for Disabilities Awareness, the Student Disabilities Awareness Program – \$750,000

With current funding, the Cromwell Center's Student Disabilities Awareness Program is able to reach a third of elementary schools in the state. Funding would enable the Center to expand the program to many other areas and schools in Maine that remain unserved solely because of location.

Hubbard Free Library, Hubbard Free Library Repairs – \$310,000

Hubbard Free Library is on the National Register of Historic Sites. The funding would go toward infrastructure repairs.

Jackson Laboratory, Web-based science education – \$245,000

This project will enhance science education in Maine by connecting middle school and high school students and teachers to the genetics research expertise at The Jackson Laboratory through the Internet.

University of Maine, Excellence in STEM Education Through Technology-Enhanced Research And Professional Development – \$850,000 [

Funding will be used to provide a national model for using technology in the classroom to train science, technology, engineering, and mathematics (STEM) educators. The University of Maine's Center for Science and Mathematics Education Research, in collaboration with the Division of Lifelong Learning and the New Media Department, proposes that four laboratories and problem solving classrooms on the University of Maine campus be equipped with a high resolution camera and microphones at each work group's table, with each table linked to a computer capable of processing and storing all of the data, thus filming, with full audio, each group's discussion as they move through the learning process.

University of Southern Maine, Undergraduate Research Involvement Center Initiative, Portland, Maine – \$1,600,000

The University of Southern Maine's proposed Undergraduate Research Involvement Center Initiative (URICI) will build out available lab-ready space in the Bioscience Building. These labs will be designed to be adaptive to various biology and chemistry protocols and lines of work to serve as a hub for faculty work that engages students. If fully funded, USM expects to increase undergraduate students' involvement in faculty research by another 100 students per year, almost double the current student participation in the sciences.