



2011

SALEM STATE UNIVERSITY  
SPONSORED PROGRAMS AND RESEARCH ADMINISTRATION (SPRA)



# Welcome to Sponsored Programs and Research Administration (SPRA) at Salem State University

Sponsored programs and research administration (SPRA) is a department under academic affairs that serves the entire campus community. Our mission is to offer service and support to all administrators, faculty and staff in seeking external funding for special academic programs, community projects, curriculum development, professional development, research, and outside collaboration. We also provide post-award support that includes assisting project directors and finance/budget staff in monitoring funded programs and ensuring that Salem State is in compliance with funding guidelines and regulations.

This report lists the new Salem State grant projects funded from July 2010 through June 2011 as well as previously awarded grants that have continued funding. Our goal is that as you learn about the many high quality, successful projects undertaken by your colleagues, you will be inspired to learn more about pursuing grant opportunities.

The projects described in this report include 28 grant awards totaling over \$2.5 million of new and continuing federal and state funds, as well as numerous privately-funded projects and scholarships. The featured initiatives were chosen to represent the variety of grants across the Salem State campus community.

SPRA is ready to assist you through the funding search and grant proposal development process. We have found through our experience that communication is the key to successful projects. We urge you to communicate with us early to ensure a smooth process.

Visit our Web page at [saalemstate.edu/grants](http://saalemstate.edu/grants) to view this and past award reports and to discover the many services and resources available to you through our office. While you are there, please complete our grant interest form so that we may better identify public and private funding sources and keep you informed of relevant opportunities.

We hope you enjoy reading through this report and that you will contact your colleagues listed here to learn more about their projects.

## simSchool Modules for Learning to Teach

Award provides software licensing valued at \$12,000, participation and access to data

No monies awarded

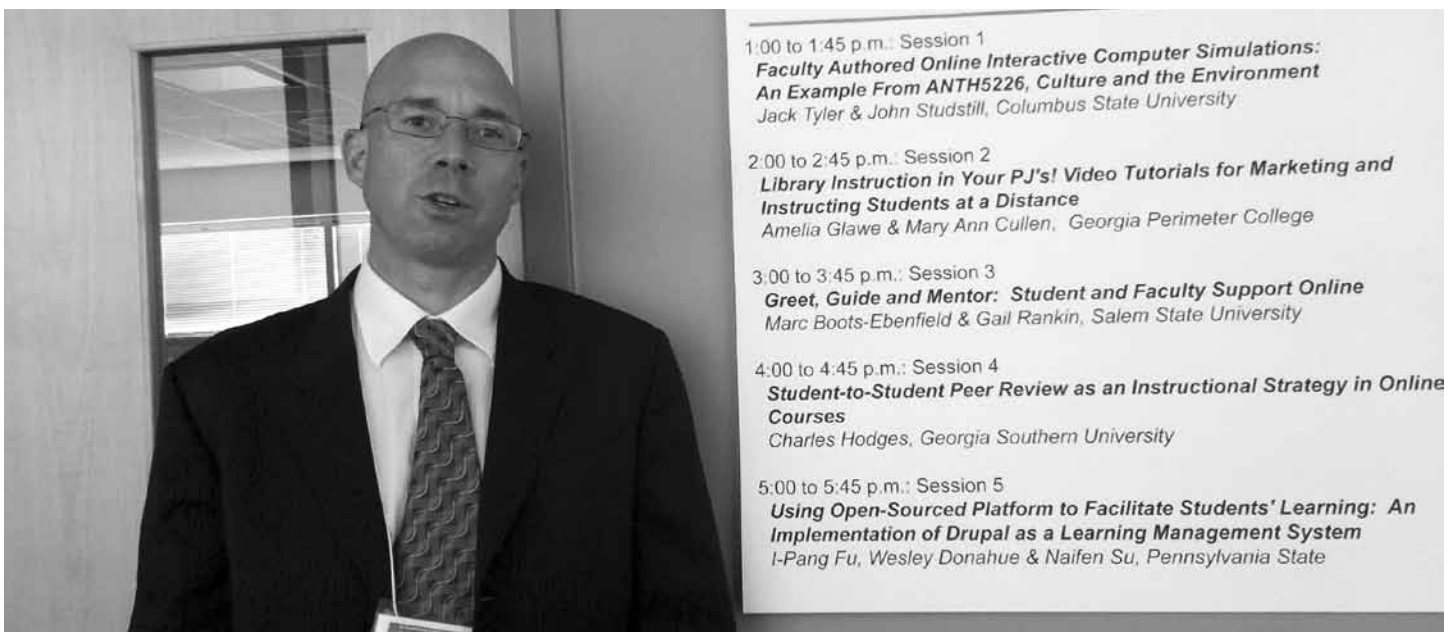
Marc Boots-Ebenfield, Director, Center for Teaching Innovation

In May 2011, Salem State University became a participating institution with *simSchool: Open Education Resources Modules for Learning to Teach*, a winner of the first wave of grants from the Next Generation Learning Challenges (NGLC). The NGLC is funded by a number of organizations some of which include the Bill & Melinda Gates Foundation and the William and Flora Hewlett Foundation. Currently there are 38 other institutions worldwide that are partners in the simSchool project.

simSchool, developed by David Gibson of CurveShift, has been described as a “flight simulator for aspiring teachers that tracks how student engagement and performance rises and falls as teachers interact in a simulated classroom environment.” From the preservice teacher’s perspective, this internet based program provides an opportunity to explore a wide range of teaching strategies in an animated classroom setting. From our institutional perspective, in conjunction with the overall goals of NGLC, we plan to use simSchool as a tool to increase recruitment and retention in teacher education while giving preservice teachers the opportunity to enhance their teaching skills. More information about simSchool can be found at [simschool.org](http://simschool.org) and information about Next Generation Learning Challenges can be found at [nextgenlearning.org](http://nextgenlearning.org).

As a partner in this project, a group of Salem State’s School of Education faculty will examine ways that simSchool can fit within our preservice teacher education program; try out the online software in some of our education courses; and share various data and usage data with simSchools. In return for sharing data, we receive free access to simSchool for faculty and up to 200 students along with free access to research reports and learning materials. Rocky Shwedel is coordinating the project among education faculty and will try out the software in his EDU407 - Computer Literacy for Educational Professionals course this fall. Other education faculty who have will use the software this year include Bill Towne in EDU203 - Introduction to Children with Special Needs; Ann Murray in EDU208A - Teaching, Learning and Assessment; Jaime Wurzel in EDU256A – Responding to Diversity in Contemporary Secondary Schools, and Peter Smith in a graduate Technology in Education course.

Marc Boots-Ebenfield, [mbootsebenfield@salemstate.edu](mailto:mbootsebenfield@salemstate.edu), is the contact person at the university.



## **Small Business Development Center Supplemental Jobs Bill, United States Small Business Administration**

**\$51,000 per year for two years, totaling \$102,000**

**Margaret Somer, Regional Director, Massachusetts Small Business Development Center**

In 2010, President Obama and Congress passed the Small Business Jobs Act, providing funding for programs to create jobs. Many of the six Small Business Development Centers (SBDC) in Massachusetts and the 1,000 centers around the country were able to access funds to expand their staff of business advisors to help create jobs and business opportunities. SBDCs are funded by the SBA and the respective states to provide one on one advising to pre-ventures and small and growing businesses. The services to companies ranging from small product, service and retail firms to growing manufacturing and technology companies include assistance with raising capital, marketing, finance, operations, and strategy. SBDC business advisors generally have a mix of private sector and public sector experience and have worked directly with business owners during their careers, particularly in the area of financing. In the spring of 2011, the SBDC at Salem State University received approval of its proposal and launched a search for a new part-time business advisor, anticipated to begin work in October.

The SBA's research shows that the average small business owner in the United States makes about \$45,000 a year with limited vacation and benefits. Working with SBDCs, and accessing their free services, any small company can learn to manage better, and grow their company and opportunities for jobs in their community.

Like other SBDC staff, this senior business advisor will network and partner with business, technology, manufacturing and economic development organizations, private sector service providers (accountants, lawyers, etc.), and financing sources. This collaboration enables the business advisor to identify clients and work with them to achieve their goals. The focus of the business advisor's work will be to help companies in ways that will increase jobs; grow revenues and profitability; expand the SBDC's footprint and business counseling capacity further west toward Route 128 and the surrounding area, which includes more manufacturing, technology and later stage companies; assist manufacturers and others to institute management systems and access resources to improve operations and expand sales; and assist companies to better utilize social media in their business model.



Margaret Somer is the regional director of the Massachusetts Small Business Development Center, Northeast Region at Salem State University. These grant funds will support the new staff position and associated costs for reaching out to the business community and working with business clients.

## **Collaborative Research RUI: Decadal Cyclicality in NAO Proxies from Northwest Iceland Lake Sediments, National Science Foundation**

\$44,093 for FY11, four year award totaling \$121,111

Brad Hubeny, Assistant Professor, Geological Sciences

In September 2010, Brad Hubeny was awarded a grant from the National Science Foundation's Paleo Perspectives on Climate Change entitled "Collaborative Research RUI: Decadal cyclicality in NAO proxies from northwest Iceland lake sediments" (EAR-1003449). This grant was one of three collaborative grants awarded by NSF, and partner institutions include Plymouth State University (EAR-1003444), the University of Maine (EAR-1003556), and the University of Colorado.

The North Atlantic Oscillation (NAO) is a distinct pattern of sea level pressures that, from North America to Western Europe, is associated with changes in intensity of jet stream winds and storminess, drought and wet conditions in the southeast US and Middle East, and snow accumulations in New England. Using geological and geochemical attributes of lake sediments from Iceland, the project team hopes to determine if the NAO is also associated with an oscillating chemical pattern that appears in some Icelandic lake sediments every 100 years or so.

The project has two primary goals: to determine if these geochemical cycles can be used as a proxy for past NAO conditions and, thus, to extend the record of NAO variability to cover the past two millennia; and to determine if settlement by Vikings, in AD 890, amplified the impact of the past climate changes on the land. The team seeks to learn what has created an unusual cyclical pattern of chemical deposits in four northwest Iceland lakes. They are testing the hypothesis that these cycles are associated with the climate pattern called the North Atlantic Oscillation, which also influences climate in New England, parts of Europe and the Middle East.

Over the next four years, Brad Hubeny will conduct summer research with Salem State paid undergraduate assistants in Iceland. Hubeny's primary roles in the project include the analysis of annual sedimentation processes in each lake through sediment core and modern process approaches, geophysical characterization of the sediment accumulations in each lake, and an assessment of bulk organic matter transport and deposition in each lake.



## **MRI: Acquisition of a Stable Carbon Isotope and Elemental Analysis System, National Science Foundation**

**\$122,226**

**Brad Hubeny, Assistant Professor, Geological Sciences**

In July 2011, Brad Hubeny was awarded a grant from the National Science Foundation's Major Research Instrumentation Program entitled "MRI: Acquisition of a stable carbon isotope and elemental analysis system" (EAR-1126128). The \$122,226 grant is enabling PI Hubeny to purchase an elemental analyzer-isotope ratio mass spectrometer (EA-IRMS) system that will be housed in the geological sciences department's environmental sedimentology laboratory. The new analytical instrument will quantify the concentrations of carbon, hydrogen, nitrogen, sulfur, and oxygen (CHNSO) as well as the stable carbon, nitrogen, and sulfur isotopic compositions (d13C, d15N, d34S) of bulk organic matter in sediments, soils, tissues, filtered water samples, and any other solid material.

The new equipment is the latest acquisition of the environmental sedimentology laboratory, which is an externally-funded geologic research laboratory managed by Brad Hubeny. A group of 16 researchers (including the PI) representing academia (undergraduate and graduate), state agencies (MA and NH), and non-profit environmental groups has been assembled as affiliated users of this new analytical equipment whose expertise represent a broad range of disciplines covering the geological, biological and environmental sciences. Most of the affiliated users are within a two hour drive of Salem State, and therefore this acquisition represents a multi-user regional partnership for the study of bulk organic matter properties in New England.

This acquisition is directly in line with Salem State University's strategic plan by enabling faculty and student research with modern analytical equipment. Research projects that utilize d13C, d15N, d34S and CHNSO results from this system will be published in peer-reviewed journals and presented at international, national, and regional professional conferences by faculty and student users.

The new analytical capabilities will be immensely beneficial in current faculty and student research projects in the geological sciences department, including senior thesis projects. Most notably, research associated with Brad Hubeny's current four-year NSF Iceland grant will now be able to quantify the values for organic matter in sediments, soils, and vegetation. These analyses will allow for a quantitative assessment of variability of primary organic matter sources to the study lakes over past millennia, and will assist in interpretations of modern processes and past climates.

# 2011 GRANT FUNDED PROJECTS

## College of Arts and Sciences

### **Collaborative Research RUI: Decadal Cyclicality in NAO Proxies from Northwest Iceland Lake Sediments, National Science Foundation**

\$44,093 for FY11, four year award totaling \$121,111

Brad Hubeny, Assistant Professor, Geological Sciences

Dr. Brad Hubeny and colleagues from Plymouth State University, the University of Maine, and the University of Colorado will collaborate on this four-year field- and lab-intensive project. Researchers will study the North Atlantic Oscillation (NAO), which is part of a global-scale circulation pattern that dominates Northern Hemisphere atmospheric conditions that are linked to patterns of drought, flooding and severe weather in North America, Europe and the Middle-East. The NAO undergoes regular cycles that disturb watershed soils and alter nutrient inflows to lakes and rivers, at least on Iceland. This work uses that lake effect to “see” into the past 2000 years and identify when the NAO was most active. Because human occupation of Iceland began just over 1000 years ago, and this project produces records of change covering the last 2000 years, it offers a unique look at the human role in magnifying the impacts of NAO-related climate changes on fragile landscapes, such as occur in Iceland and in many other previously glaciated regions. By assessing the response of watersheds to repeated climate disturbances, like the NAO, before and after human land use and before and after conservation management, this work provides insight on the usefulness of conservation efforts in mitigating human aspects of climate change. Dr. Hubeny and one Salem State undergraduate student traveled to Iceland in July 2011 to conduct field work for this project. Additional field work will be conducted in the summer months over the next three years.

### **MRI: Acquisition of a Stable Carbon Isotope and Elemental Analysis System, National Science Foundation**

\$122,226

Brad Hubeny, Assistant Professor, Geological Sciences

The study of stable isotopic compositions ( $d^{13}C$ ,  $d^{15}N$ ,  $d^{34}S$ ) and elemental concentrations (CHNSO) of organic matter have applications in a broad range of geologic, biologic and environmental disciplines. Acquiring an elemental analysis-isotope ratio mass spectrometer (EA-IRMS) analysis system will assist Salem State faculty in furthering their research as well as increase research opportunities for all students studying geological sciences. Local and regional institutions of higher education and non-profit environmental groups will also collaborate to create a multi-user regional partnership for the study of bulk organic matter properties in New England. At present, no comparable analytical system is available in geology departments in New England. EA-IRMSs are scarce within departments at public, primarily undergraduate institutions. This acquisition will move Salem State University to the forefront of bulk organic research.

**Visual Arts and Global Trade in Early American Republic: The Case of Salem Massachusetts, National Endowment for the Humanities (NEH)**

\$50,400

Patricia Johnston, Professor, Art + Design

This one-year fellowship was awarded to Dr. Johnston to enable her to continue research on a topic that she has worked on since 2003. The goal is to produce a book manuscript that examines the circulation of voyage narratives illustrated with engravings; investigates mariners' visual records of their experiences; studies the origins of the East India Marine Society's Museum; explores the paintings of Michele Felice Corné, Salem's most prominent artist at the turn of the 19<sup>th</sup> century; and explores how homes in Salem incorporated and domesticated the exotic during the Early Republic. Dr. Johnston's research will include examining ships' logs, researching trade documents and examining Salem Athenaeum's illustrated voyage collection.

**Northeastern Massachusetts Aquaculture Center (NEMAC), Massachusetts Department of Agricultural Resources**

\$35,000

Mark Fregeau, Professor, Biology

Funds from this grant are used to support projects of the Northeastern Massachusetts Aquaculture Center (NEMAC) at the Cat Cove Marine Laboratory. Projects are designed to investigate the biology of regionally important shellfish (e.g., mussels, soft shelled clams, Atlantic scallops, and oysters) and finfish (e.g., flounder, striped bass, mummichogs) as well as environmental impacts of aquaculture. Additional projects focus on marine biology and ecology of coastal Massachusetts.

**Modern Algebra (groups, rings and fields) Course Notes, Educational Advancement Foundation**

\$3,755

Kathi Crow, Assistant Professor, Mathematics

Dr. Crow plans to use these funds to revise her inquiry based learning course on rings and fields. Funds will be used to attend a conference, write and revise notes and teach the year-long course in the 2011-2012 academic year.

**The Atlantic Partnership for the Biological Sciences, (continuing), National Science Foundation/ARRA Funds**

\$149,867 per year for two years totaling \$299,733,

Lisa Delissio, Professor, Biology

This award forms a unique collaboration between Salem State University and Universidad de Puerto Rico en Humacao (UPRH). The research aspect of the grant provides for discovery of better ways to teach biology from middle school through the undergraduate level. There are several cultural and educational goals of the program: to develop a teacher professional model focusing on the needs of Latino students; to develop mutual understandings of the commodities and differences in language and culture which will impact the partnership on both teachers and students; to lay the groundwork for effective scientific collaborations and pedagogical strategies among Salem State and UPRH professors; and to elucidate which elements of collaboration are essential for successful scientist-teacher partnerships.

**Neural Dynamics of Spoken Word Recognition/sub-award with Massachusetts General Hospital, (continuing) National Institute of Health**

\$21,360 per year for five years totaling \$106,801

David Gow, Associate Professor, Psychology

This award supports an ongoing partnership between Massachusetts General Hospital and Salem State to examine the possible ways that our ability to perceive speech sounds is influenced by our knowledge of words. This type of “top-down” processing is difficult to study using conventional research tools. To address this issue, Dr. Gow and his research team developed new functional brain imaging techniques that allow them to study how and when one part of the brain (such as a region involved in storing representations of words) influences activity in another part of the brain that is involved in another aspect of processing (such as interpreting speech sounds). Each semester students from Salem State conduct pilot experiments on campus to make sure that the experimental stimuli and methods will produce the kinds of perceptual effects that Dr. Gow and his team hope to study in the scanner.

This research has potential for furthering understanding of how people recover from focal brain damage. Dr Gow’s technique will be used to see how different parts of the brain interact soon after a stroke, and how (or whether) this pattern changes over the course of a year and a half, the period when patients tend to show the greatest degree of recovery.

**Organic Carbon Sources and Accumulation Rates along a Regional Transect of Meromictic Lakes, Maine (USA), (continuing), The American Chemical Society Petroleum Research Fund**

\$50,000\*

Brad Hubeny, Assistant Professor, Geological Sciences

The major goal of this project is to better understand how carbon is getting deposited and stored in lake sediment. This understanding has two tangible benefits for society. First, by understanding the dominant sources of organic matter deposited in lakes, and the variables that affect the accumulation rates of this organic matter, exploratory geologists can more easily interpret past lake environments preserved in the rock record to find associated petroleum resources. Second, a more thorough understanding of the sequestration of organic carbon in lake sediments will help scientists to understand carbon cycling and the role of greenhouse gasses in current global change research. Dr. Hubeny was assisted by two Salem State geology majors each of the two summers during which his research was conducted.

**Picturing Early America: People, Places and Events 1770-1870, (continuing) National Endowment for the Humanities (NEH)**

\$199,800 (*Project continues on “no-cost” extension as funds were expended in FY10*)

Patricia Johnston, Professor, Art + Design

This funding supports 25 school teachers from around the country to participate in a four week institute directed by Dr. Johnson and held at Salem State. The institute explores the period from British colonial settlement to the aftermath of the Civil War, and is divided into three units based on the primary pictorial forms of the period: portraiture, history painting and landscapes. Each unit includes a particular focus on what is called “spotlight” works—art included in NEH’s *Picturing America* series. Through the institute, participants develop a deeper understanding of the approaches and methodologies of the disciplines of history and art history, and develop ways to incorporate visual culture into their classrooms.

### **Northeast Regional Readiness Center, Commonwealth of Massachusetts Executive Office of Education, (continuing)**

\$100,000 for FY11, three year award totaling \$490,000

Mary-Lou Breitborde, Associate Dean, School of Education

In October 2009, Governor Deval Patrick announced the establishment of the Commonwealth's first Readiness Centers. Salem State University, after undergoing a rigorous review of its application, was named as the lead partner in the consortium comprising the Northeast Regional Readiness Center (NRRC).

The mission of the NRRC is to respond to the pressing educational needs of local schools and their communities with resources and models of effective practice. Pooling resources and collaborating in research and program development, NRRC partners seek to improve teaching and learning, and identify new approaches for meeting children's needs in and out of school. The major functions of the Readiness Center include professional development for educators, convening meetings of varied stakeholders on common issues, and dissemination of replicable models.

As a result of funds that Massachusetts received from President Obama's Race to the Top grant competition, the NRRC will receive funding beginning in FY2011 through August, 2014.

### **Northeast Regional Readiness Center College Access Project, Massachusetts Department of Higher Education**

\$31,751

Mary-Lou Breitborde, Associate Dean, School of Education

This project represents collaboration among Salem State University, Middlesex Community College, Merrimack College, North Shore Community College, Northern Essex Community College, and the University of Massachusetts-Lowell along with the public schools in the cities of Lowell, Lawrence, Haverhill, Salem, and Lynn. Community organizations will also participate in project activities. Collaborators will provide a range of region-wide and local activities to achieve the overarching goal of increasing college going and persistence rates among low-income and minority students. Salem State will expand its Enrichment Activities to Ready Local Youth Program (E.A.R.L.Y.) program to include high school juniors and seniors and will partner with Salem Cyberspace to offer support services that assist with SAT preparation, college and FAFSA applications, financial literacy, and career and college selection. The project will include parent academies to disseminate information about the college application and financial aid process to parents and families.

### **Advanced Education Nursing Traineeships, Department of Health and Human Services: Health Resources and Services Administration**

\$44,911

Mary Ann McGovern and Kathleen Skrabut, Professors, School of Nursing

This scholarship is administered through the Health Resources Services Administration and provides traineeships for students attending Salem State's graduate nursing programs. Financial assistance received through traineeships enables nurses with fewer financial resources to attend graduate school and complete the program more quickly.

**K-12 Literacy Partnership Grant, Lynn Public Schools /sub-award with Lynn Public Schools/  
William P. Connery Elementary School, (continuing) Massachusetts Department of Elementary  
and Secondary Education**

\$22,000 for FY 11, two year award totaling \$58,000

Francesca Pomerantz, Associate Professor, Literacy Counseling and Learner Development

The purpose of the program is to provide standards-based curriculum and research-informed core and intervention instruction to meet the needs of all students. Salem State will provide professional development for teachers at the school while conducting extensive classroom observations. The program will incorporate study groups after school, ongoing analysis of teacher portfolios and examine the Connery School Reading Curriculum. Teachers will have the opportunity to implement new strategies learned within their classrooms.

**New Pathways to Systems of Care-Focused Work in Child Welfare, (continuing), National Child  
Welfare Workforce Institute**

\$110,000 per year for five years totaling \$550,000

Cheryl Springer, Director, School of Social Work

Salem State partners with Bridgewater State, Westfield State, Massachusetts Department of Children and Families (DCF), and the Massachusetts Child Welfare Institute (MCWI) on this innovative project that provides six traineeships annually for five years to undergraduate students enrolled in public social work degree programs. In exchange for a two-year employment commitment with DCF, students receive a tuition waiver and a stipend.

**Northeast Global Education Program at Salem State University/sub-contract with  
Framingham State, National Geographic Education Foundation**

\$20,000.00

Louise Swiniarski, Professor, School of Education

Since 1992, the Northeast Global Education Center (NGEC) at Salem State has partnered with the Massachusetts Global Education Consortium at Framingham State as one of six centers charged with infusing Global Education into the Commonwealth's schools. NGEC offers a series of workshops, lectures and school based programs on timely topics addressing the impact of global education in daily teaching practices for K-12 educators. Content workshops explore geographical concepts on shaping the global landscape. Literacy and school exchange projects focus on developing students' international perspectives and cultural sensitivity through exposure to folk literature selected from around the world and a sharing of personal experiences with their counterparts from all corners of the globe.

**North of Boston English Language Learners (Project NOBELL Secondary), United States  
Department of Education, (continuing)**

\$298,494 per year for five years totaling \$1,492,470

Ellen Rintell, Professor, Literacy Counseling and Learner Development

This program represents a major effort toward alleviating the serious shortage of highly qualified, licensed teachers to serve English language learners in Lynn, Massachusetts. Project NOBELL Secondary continues to recruit and train teachers in Lynn area high schools to effectively meet the needs of English language learners. The professional development for secondary content teachers provided through this grant program will help teachers improve academic achievement and literacy and language development of Limited English Proficient students. The overall goal of the program is to train two cohorts of 35 mainstream teachers to become highly qualified and fully licensed teachers for English language learners, with dual specialization in English as a Second Language and their content area.

## Bertolon School of Business

### **Small Business Development Center (SBDC), United States Small Business Administration, \$355,000**

Margaret Somer, Regional Director, Massachusetts Small Business Development Center

This grant supports the Northeast Regional Office of the SBDC located at Salem State University. The SBDC is a multipurpose entity which provides start-up entrepreneurs and existing businesses with free or low cost seminars that explore business plans, raising capital and government contracting strategies as well as marketing and sales issues.

### **Small Business Development Center Supplemental Jobs Bill, United States Small Business Administration**

\$51,000 per year for two years, totaling \$102,000

Margaret Somer, Regional Director, Massachusetts Small Business Development Center

In 2010, President Obama and Congress passed the Small Business Jobs Act, providing funding for programs to create jobs. The Small Business Development Center was able to access funds to expand their staff of business advisors to help create jobs and business opportunities. The focus of the grant-funded business advisor's work will be to help companies in ways that will increase jobs, grow revenues and profitability, and to expand the SBDC's footprint and expand business counseling capacity further west toward Route 128 and the surrounding area,

## Additional Campus-Wide Grants

### **Student Support Services, United States Department of Education**

\$464,931 per year for five years totaling \$2,324,655

Todd Moellendick, Assistant Director, Student Support Services

Student Support Services is a federal TRIO programs that provides comprehensive support services to eligible part-time and full-time matriculated students. This successful program has been at Salem State University for more than 25 years. The program's objective is to increase the retention and graduation rates for low-income, first-generation and disabled students who are in need of academic services. Currently, there are over 325 students participating in the program.

### **MACC AmeriCorps\* VISTA, MACC Americorps\* Vista**

Marc Boots-Ebenfield, Director, Center for Teaching Innovation

This grant from the Massachusetts Campus Compact provides a full-time AmeriCorps VISTA member to assist in the creation of a successful program at Salem State that establishes best practices for institutionalizing service learning. The grant helps Salem State to continue its work in building community voice and promote our partnership with Salem's Point neighborhood.

**Region 3 Professional Development Partnership (R3P)/ sub-award with North Shore Community College, Massachusetts Department of Early Education and Care**

\$63,366 per year for three years totaling \$190,098

Wendy Pearson, Coordinator of Outreach and Special Project, School of Education, and Andrea Swirka, Associate Director of Corporate Outreach and Special Programs, School of Continuing and Professional Studies

The overall goal of this program is to improve learning for young children and enhance knowledge and standards-based credentialing for those who educate and care for them. With the support of this three-year collaborative grant, Salem State will continue to serve early childhood educators in the entire Northeast region of Massachusetts in a number of ways. We will provide cohorts and individuals with courses toward a bachelor's degree in early childhood education. Early childhood leaders will have the opportunity to take graduate courses in priority competency areas. Workshops and consultations that carry continuing education units, professional development points and college credit will also be offered as part of this program.

**Salem State AID/ACCESS, Massachusetts Department of Higher Education/Office of Financial Services**

\$44,000 per year for two years totaling \$88,000

Nate Bryant, Assistant Dean, Student Academic Support Services

This two-year grant supports Salem State's commitment to serve low-income, first-generation and multicultural students and provides year long mentoring which affords a high academic success rate for the students the program serves. The program provides personal, academic and career counseling services for participants and aims to improve academic performance, improve retention rates and increase persistence to graduation.

**Traffic Enforcement and Equipment Grant, Commonwealth of Massachusetts: Executive Office of Public Safety and Security**

\$2,700

Retired Chief William Anglin and Sargeant Richard Sherry, Campus Police

This award funds additional campus police patrols during select peak periods throughout the year and ensures that the university's commitment to the safety of students, faculty and staff is maintained. The funds will also allow campus police to continue its efforts to raise awareness of Massachusetts Motor Vehicle Laws within the university community.

**Veterans' Education and Job Training Project /sub-award with North Shore Community College, United States Department of Education**

\$77,614 for FY11, two year award totaling \$124,498

Samuel Ohannesian, Veterans' Affairs Officer and Enrollment Management Associate, Enrollment Management

This project represents collaboration among Salem State University, North Shore Community College and the North Shore Workforce Investment Board to develop and provide a cohesive set of education and job training services for veterans recently returned to the North Shore region from Afghanistan and Iraq. The Veterans' Education and Job Training Project will develop and implement a set of services that foster a "veteran friendly" environment at these partners and other organizations. These services will assist veterans in easily accessing education benefits, enrolling in and completing college programs, having relevant military experience assessed and applied towards college credentials, as well as connecting veterans to community resources when appropriate. Employment and career development opportunities in the regional economy will be emphasized and integrated throughout the process.

**FY2011 Underage Alcohol Enforcement Grant Program, Massachusetts Executive Office of Public Safety and Security**

\$5,000

Sargeant Richard Sherry, Campus Police

Motor vehicle crashes are the leading cause of death among young drivers between ages 15 and 20. Young drivers lack driving experience and have difficulty scanning their environments to detect imminent hazards. Coupling alcohol with these limitations worsens these driving weaknesses; additionally, after drinking, young drivers tend to engage in other risky driving behaviors such as speeding, running red lights, making illegal turns, and not wearing seat belts. Salem State Campus Police will conduct surveillance patrols and party patrols on campus in an effort to reduce loss or injury on the roadways. Officers will also partner with City of Salem police to conduct Cops in Shops activities to discourage purchase of and access to alcohol by underage individuals.

**simSchool Open Education Resource Modules Project, Association for the Advancement of Computers in Education**

\$12,000 – value of software licenses

Marc Boots-Ebenfield, Director, Center for Teaching Innovation

Salem State University has been accepted as a partner in the simSchool Open Education Resource Modules Project, a grant funded by Next Generation Learning Challenges (NGLC). The aim of NGLC is to dramatically increase college readiness and completion through applied technology. simSchool is a virtual place where teachers can explore instructional strategies, examine classroom management techniques and practice building relationships with students that will translate into increased learning. The software will be utilized in education courses at Salem State University and data will be collected and reported back to simSchool to help determine the impact the software has on pre-service and in-service teachers.

**Transforming Teaching and Learning through Faculty Learning Communities (FLCs), Davis Educational Foundation, (continuing)**

\$81,628 per year for three years totaling \$244,885

Marc Boots-Ebenfield, Director, Center for Teaching Innovation

Funding for this three-year project allows Salem State faculty and students to work on FLCs to create a culture of collaboration and community at the university. A FLC is a group of 6-12 interdisciplinary faculty members focused on enhancing teaching and learning through frequent seminars and activities that provide curriculum improvement, development and community building. Implementation of FLCs will: increase awareness of diversity at the university, increase community involvement of faculty, promote scholarly teaching, improve morale among students and faculty, and ultimately, increase student learning and engagement in the campus community.

**Upward Bound, United States Department of Education (continuing)**

\$325,395 per year for four years totaling \$1,301,580

Wendy Porter-Coste, Project Director - Upward Bound, Student Academic Support Services

The Upward Bound program provides low-income, first-generation college students from Lawrence, Massachusetts with comprehensive services designed to equip participants with the skills and motivation necessary for success as they enter institutions of higher education. With over 18 years of prior experience, this program has demonstrated success by garnering the resources, institutional commitment and support of the target community needed to accomplish the mission of assisting program students in reaching their highest educational potential.

## **New Awards**

July 2010 through June 2011

<b>Source Type</b>	<b>Awards</b>
Federal	\$1,210,175
State	\$181,817
Private	\$35,755
<b>Total</b>	<b>\$1,427,747</b>

## **Continuing grants**

(Awarded prior to July 2010)

<b>Source Type</b>	<b>Awards</b>
Federal	\$905,116
State	\$122,000
Private	\$81,628
<b>Total</b>	<b>\$1,108,744</b>



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