



Salem   
STATE | UNIVERSITY

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 seeking external funding for special academic programs, community projects, curriculum development, professional development, research, and outside collaboration. We recently expanded our scope of service to include post-award support for funded programs. This is a new function for SPRA that will expand our ability to assist project directors and finance and budget staff in monitoring funded programs. Additionally, it will ensure that Salem State is in compliance with funding guidelines and regulations.

This report lists active Salem State University grant projects funded from July 2007 through June 2010 as well as previously awarded grants for which funding has continued. We hope that as you learn about the many successful projects undertaken by your colleagues you, too, will be inspired to learn more about the grant opportunities available.

The projects described in this report include 65 new and continuing federal and state-funded grant awards totaling over \$8 million, as well as numerous privately-funded projects and scholarships. The featured initiatives were chosen as representative of the variety of grants across the Salem State campus community.

SPRA is ready to assist and guide you through the funding search and grant proposal development. 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.

Please visit our website at [salemstate.edu/faculty-staff/sponsored-programs.php](http://salemstate.edu/faculty-staff/sponsored-programs.php) 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. This will help us identify public and private funding sources and keep you better informed of relevant opportunities.

We hope you enjoy this report. Please contact those of your colleagues whose projects are listed to learn more about their work.

## The Atlantic Partnership for the Biological Sciences

The National Science Foundation

\$299,733

Lisa Delissio

This grant funds a project entitled “The Atlantic Partnership for the Biological Sciences: A partnership for effective lab and field-based science.” The project affords Lisa J. Delissio and others in her department the opportunity to pursue multi-faceted goals within the communities of science, cultural diversity and learning.

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

Dr. Delissio and others will travel to Puerto Rico and participate in conferences with UPRH faculty to achieve these goals. The team will participate in weekly conference calls and create a model for similar partnerships across the country.

This award, from the National Science Foundation (NSF), is the first award made to Salem State University in more than 15 years and is one of the awards made with funds from the American Recovery and Reinvestment Act of 2009.



*The project affords Lisa J. Delissio (shown in picture) and others in her department the opportunity to pursue multi-faceted goals within the communities of science, cultural diversity and learning.*

## Readiness Centers

Dr. Mary-Lou Breitborde

Commonwealth of Massachusetts Executive Office 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 that represents 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 Readiness Centers include professional development for educators, convening meetings of varied stakeholders on common issues and the dissemination of replicable models.

The NRRC is comprised of a consortium of institutions of higher education, school districts, community-based organizations, and the work force development boards serving the region. NRRC goals include improving college and career readiness, supporting mentoring and induction for new educators, enhancing collaboration among early education and out-of-school time educators, bringing pre-K-16 curriculum into alignment, and creating a stronger network for disseminating information and bringing successful instructional practices to regional scale. Specific to these tasks are objectives such as creating and sustaining professional learning communities, reducing achievement gaps among students of various groups and disseminating services especially to under-resourced districts and communities.

Dr. Mary-Lou Breitborde, associate dean of the School of Education, has served as the acting executive director of the NRRC since its inception. A recent award to the center, made possible through the Commonwealth of Massachusetts Race to the Top grant funds, will fund an executive director and other staff members. The grant funds will also support programmatic activities selected by the NRRC board as well as funding to support Race to the Top initiatives.



## Salem State University AmeriCorps VISTA PROGRAM

Massachusetts Campus Compact

Dr. Marc Boots-Ebenfield

For the second consecutive year, Salem State University has been awarded a grant that provides the services of a full-time AmeriCorps VISTA person for one year. This individual is charged with two distinct objectives: to build capacity for service learning at Salem State University and to continue the work of the previous AmeriCorps VISTA representative to build community voice, participation and partnership with Salem's Point neighborhood.

Under the direction of Dr. Marc Boots-Ebenfield, director of the Center for Teaching Innovation (CTI), the AmeriCorps VISTA representative will achieve these objectives in a number of ways: working with CTI staff and faculty to establish best practices for institutionalizing service learning; assisting with the development of a resource library to aid faculty in design, development, implementation, and assessment of service learning courses; working with organizations who represent and work in Salem's Point neighborhood to determine systemic needs; develop community-based programs to meet those needs; and establish a service-learning initiative by coordinating meetings among community and neighborhood organizations and university faculty and staff to evaluate and address the needs of the community.

The assistance of this AmeriCorps Vista volunteer will help further Salem State's mission to provide high quality, student-centered learning and to serve as a resource to advance the region's cultural, social and economic development.



## 2010 GRANT FUNDED PROJECTS

### College of Arts and Sciences

#### **The Atlantic Partnership for the Biological Sciences, National Science Foundation/American Recovery and Reinvestment Act Funding**

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

Lisa Delissio

The award will form a unique collaboration between Salem State University and Universidad de Puerto Rico en Humacao (UPRH). The research aspect of the grant will provide 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 commonalities and differences in language and culture that will impact both teachers and students; to lay the groundwork for effective scientific collaborations and pedagogical strategies among Salem State University and UPRH professors; and to elucidate which elements of collaboration are essential for successful scientist-teacher partnerships.

#### **Cohort Training at Salem State, North Shore Workforce Investment Board (WIB)/American Recovery and Reinvestment Act Funding**

\$15,000, Center for Economic Development and Sustainability

Lorri Krebs

This geographic information systems-based (GIS) occupational skills training program is designed for unemployed and under-employed adults over age 18. The training provides participants with the skills necessary to compete in the local labor market for positions in industries that include construction, finance, health care, and manufacturing. Students complete a 40-hour training program and receive a certificate upon completion of the program.

#### **Neural Dynamics of Spoken Word Recognition, sub-award with Massachusetts General Hospital and National Institutes of Health**

\$106,801 (five-year total)

David Gow

This award provides for an ongoing partnership between Massachusetts General Hospital and Salem State University. The partnership will 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 involved in another aspect of processing (such as interpreting speech sounds). Each semester, students from Salem State University conduct pilot experiments on campus to make sure 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 helping to learn 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

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, National Endowment for the Humanities (NEH)**

**\$199,800**

Patricia Johnston

This funding supports 25 schoolteachers from around the country to participate in a four-week institute directed by Dr. Johnson and held at Salem State University. 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. This was the second consecutive year that Dr. Johnston was awarded a grant in this NEH category.

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

**\$10,000**

Patricia Johnston

This grant supplements the \$199,800 previously awarded by NEH. The grant will ensure the continued usage and viability of the website created for the 2009 institute, *Picturing Early America*. The website is used by past participants and k-12 teachers nationally. Grant funds will enable the expansion of the website to include a resource page containing a bibliography, webography, blog, and podcasts of selected lectures presented at the summer institute. The ability to better publicize the website to educators across the country will help to develop an active community centered on the wide array of information covered in the *Picturing Early America* institute.

**Viking Superfan Program, CHAMPS/Life Skills**

**\$2,000**

Nicolle Wood

This NCAA CHAMPS/Life Skill Partnership grant supports the goals of the Viking Superfan program. This multifaceted program promotes interaction between student-athletes and fans to foster good sportsmanship and leverage institutional and community support for Salem State’s athletic programs. The funds support events that are thematically driven to engender sportsmanship among both fans and athletes, creating a consistent positive experience for all involved with athletic events.

**Adolescent Religiosity, Family Relationships, and Risky Sexual Behavior (continuing), The Eunice Kennedy Shriver National Institute of Child Health and Human Development**

**\$49,993 for two years, totaling \$99,986**

Anne Noonan

How does religiosity influence early sexual behavior in adolescents? With the use of existing data from the National Longitudinal Study of Adolescent Health, this study employed a \$99,986 grant to investigate adolescents’ and their parents’ shared religiosity by analyzing their responses in three major areas—frequency of prayer, importance of religion and beliefs in biblical inerrancy, an indicator of fundamentalism—and determined their impact on early sexual behavior.

**College of Health and Human Services**

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

**\$32,446**

Mary Ann McGovern

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, Massachusetts Department of Elementary and Secondary Education**

**\$40,000**

Francesca Pomerantz

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 and ongoing analysis of teacher portfolios and examine the Connery School reading curriculum. It will also afford opportunities for teachers to practice strategies learned during training seminars.

**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

Salem State University 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, Commonwealth of Massachusetts**

\$20,000

Louise Swiniarski

Since 1992, the Northeast Global Education Center (NGEC) at Salem State University 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.

**Northeast Regional Readiness Center, Commonwealth of Massachusetts Executive Office of Education**

Dr. Mary-Lou Breitborde

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 (NRCC).

The mission of the NRCC 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, NRCC 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 Centers include professional development for educators, convening meetings of varied stakeholders on common issues and dissemination of replicable models.

**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

This program represents a major effort toward alleviating the serious shortage of highly qualified, licensed teachers to serve English language learners in Lynn, Mass. 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 these grant funds 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

This grant supports the northeast regional office of the SBDC, located at Salem State University. The SBDC is a multipurpose entity that 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.

**Additional Campus-wide Grants**

**Cohort Training at Salem State University, North Shore Workforce Investment Board (WIB)/American Recovery and Reinvestment Act Funding**

\$48,125

Andrea Swirka

This award funds a pharmacy technician program and a clinical medical assistant program. Each program is an intensive, semester-long program and requires all successful participants to complete a supervised externship. Continuing education units are awarded upon completion of the classroom requirements and the supervised externship. The programs are designed to provide occupational skills training for unemployed or underemployed individuals.

**Enrichment Activities to Ready Local Youth Program (E.A.R.L.Y.), Massachusetts Department of Higher Education/Ronald E. McNair Reserve**

\$90,000 (two year total)

Nate Bryant

This grant continues Salem State University's commitment to serve at-risk students from Salem High School. The grant supports the E.A.R.L.Y. program's goals of encouraging, motivating and enabling students to persist through high school graduation and assists them in preparing for higher education. Students attend the intensive six-week summer program at Salem State, where their needs and goals are integrated into a multicultural course curriculum.

Participants are supported throughout the program via one-on-one tutoring by Salem State students, which creates a realistic bridge and experience, promoting dialog and success. Persistent evaluations and ongoing individual student development plans create academic skill development and subject exposure while promoting career interests and cultural activities, thus creating a positive social, academic and cultural experience for participants.

**First Jobs, North Shore Workforce Investment Board/Essex County Community Foundation**

\$1,750

Craig Licchi

This grant provides Salem State with a First Job's teen employee during the summer of 2010. The goal of the grant is to teach the value and rewards of responsible employment while affording the candidate the chance to explore our campus and consider joining Salem State University's community. The employee works with our Summer Youth Athletic Camp Program through the athletic department.

**MACC AmeriCorps\* VISTA, MACC Americorps\* Vista**  
Marc Boots-Ebenfield

This grant from the Massachusetts Campus Compact provides for 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 continue its work in building community voice and promoting its 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 \$190,098  
Wendy Pierson, Andrea Swirka

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 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/Financial Services office**  
\$88,000 (two year total)  
Nate Bryant

This two-year grant supports Salem State University’s commitment to serve low-income, first-generation and multicultural students and provides year long mentoring that 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, retention rates and persistence to graduation. A portion of the award serves to defer the cost of the summer program for students who demonstrate a significant financial need.

**Salem State Micro Lending Club, Salem Five Charitable Foundation**  
\$5,000  
Cynthia McGurren

This grant supports Salem State University’s micro-lending club, whose goal is to provide small loans to Essex County entrepreneurs living at or below the poverty level and assist them in realizing their business visions. Potential loan recipients are identified by local economic and community development offices in Essex County. Up to 10 recipients receive low-cost loans to purchase machinery and goods that support their unique vision and business strategies. Interest collected on loans repaid is reinvested in new loans. This funding reflects Salem State’s continuing efforts to partner with local entrepreneurs and promote socio-economic diversity.

**Student Support Services, United States Department of Education (continuing)**  
\$429,540 for four years totaling \$1,718,160  
Todd Moellendick

Student academic support services is a federally-funded program 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.

**Traffic Enforcement and Equipment Grant, Commonwealth of Massachusetts: Executive Office of Public Safety and Security: Sponsored Programs and Research Administration**  
\$4,500  
William Anglin, Richard Sherry

This award facilitates the addition of campus police patrols during select peak periods throughout the year and ensures that the school’s commitment to the safety of students, faculty and staff is maintained. The funds will also provide for the continuing education of the university’s community as concerns public safety and awareness of Massachusetts motor vehicle laws.

**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

Funding for this three-year project allows Salem State University faculty and students to work on FLCs to create a culture of collaboration and community at the college. An FLC is a group of six to twelve interdisciplinary faculty members focused on enhancing teaching and learning through frequent seminars and activities that provide curriculum improvement, development and community building. The 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 for four years totaling \$1,301,580  
Wendy Porter-Coste

The Upward Bound program provides low-income, first-generation college students from Lawrence, Massachusetts, with comprehensive services designed to equip them 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 2009 through June 20

Source Type	Awards
Federal	\$768,473
State	\$194,886
Private	\$58,750
<b>Total</b>	<b>\$1,022,089</b>

**Continuing Grants**  
(Awarded prior to July 2009)

Source Type	Awards*
Federal	\$1,213,422
State	\$0
Private	\$86,628
<b>Total</b>	<b>\$1,300,050</b>

## 2009 GRANT FUNDED PROJECTS

### School of Arts and Sciences

#### **Adolescent Religiosity, Family Relationships, and Risky Sexual Behavior, The Eunice Kennedy Shriver National Institute of Child Health and Human Development**

\$49,993 for two years totaling \$99,986

Anne Noonan

How does religiosity influence early sexual behavior in adolescents? With the use of existing data from the National Longitudinal Study of Adolescent Health, this study employed a \$99,986 grant to investigate adolescents' and their parents' shared religiosity by analyzing their responses in three major areas— frequency of prayer, importance of religion and beliefs in biblical inerrancy, an indicator of fundamentalism—and determined their impact on early sexual behavior.

#### **Connecting Elementary Teachers, Sources and Scholarship to Explore Local History in a National Context (Connecting ESSEX LINC), United States Department of Education (continuing)**

\$333,319 per year for three years totaling \$999,957

Elizabeth Duclos-Orsello, Brad Austin

This three-year grant was a collaborative effort among Salem State's history department, the Beverly Public Schools, the Essex National Heritage Commission, and the National Archives and Records Administration of the Northeast Region. The project was designed to increase elementary schoolteachers' knowledge, understanding and appreciation of key events and issues in American history through an intensive, ongoing professional development program.

#### **Consequences of Lipid Restructuring During Temperature Variation on the Susceptibility of Biological Membranes to Lipid Peroxidation, sub-award with Ohio University, National Science Foundation**

\$43,792

David Tapley

This collaborative grant supported eight weeks of research and study at Mount Desert Island Biological Laboratory for Dr. David Tapley and a Salem State biology student. The study addressed changes in the lipid composition of cell membranes in fish adapted to different temperatures and the relationship of these membrane compositions to oxidative stress resistance. The broader impacts of this project included undergraduate student training at a marine station and outreach programs for pre-school through high school students.

#### **Northeastern Regional Aquaculture Center Extension Project, United States Department of Agriculture (continuing)**

\$10,056

Joseph Buttner

This project represented a collaboration among Salem State, University of Maryland-Eastern Shore and the Maine Aquaculture Association. The goal of the project was to promote and expand commercial aquaculture through a series of professional development workshops and field trips targeting practicing aquaculturists.

#### **Organic Carbon Sources and Accumulation Rates Along a Regional Transect of Meromictic Lakes, Maine, The American Chemical Society Petroleum Research Fund**

\$50,000

Brad Hubeny

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, National Endowment for the Humanities**

\$199,800

Patricia A. Johnston

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

#### **Project SALEM II, Massachusetts Department of Education (continuing)**

\$120,882 per year totaling \$362,646

Martha Hunt

This is the second consecutive grant that Salem State received under the Massachusetts Mathematics and Science Partnership Program. North Shore middle school mathematics teachers continued to earn graduate credits toward the master of arts in teaching (MAT) degree in middle school mathematics programs at the university as Project SALEM II enters its final year. The collaboration, created through the original Project SALEM grant, continued to expand as well. The four courses offered through this program gave particular attention to middle school teachers of both special education and English language learners.

#### **Stocking and Monitoring of Soft-shell Clams (*Mya arenaria*) for HUB Line Remediation – Year III, Massachusetts Division of Marine Fisheries**

\$18,271

Mark Fregeau, Joseph Buttner

Funding continued to support the HUB Line Remediation Project to restore habitat potentially impacted by the installation of gas pipes by supplying and planting clam seed in Boston Harbor. Over 1.6 million juvenile soft-shell clams were stocked and managed at selected sites, including Hingham, Hull, Quincy, Weymouth, and Winthrop. Salem State faculty and staff worked with the shellfish constables of these sites under the direction of Massachusetts Marine Fisheries.

**Salem Harbor Flounder Study, City of Salem**

\$10,000

Joseph Buttner

The Salem State biology department used city of Salem funding to study the effects of dredging an estimated 90,000 ft<sup>2</sup> of Salem Harbor for enhanced boat access on the spawning activity of winter flounder. The National Marine Fisheries Service had suggested that dredging might interfere with spawning activity and recruitment success of resident winter flounder. The faculty initiated a three-phase plan to evaluate any disruption to flounder reproduction from dredging through extensive literature surveys, field monitoring and appropriate mitigation. This project provided field research for undergraduate students and dredging impact information to Salem city officials.

**Visual Culture and Global Trade in the Early American Republic, Terra Foundation for American Art**

\$30,000

Patricia A. Johnston

In March 2010, Salem State—in collaboration with several of Salem’s cultural institutions—used this grant to host a conference of international scholars focusing on the impact of post-Revolutionary trade with Asia on early American arts and culture. Global trade in the early American republic provided access to a wider variety of visual materials at reduced cost, which in turn dramatically influenced paintings, prints, architecture, and decorative arts of that period. The two-day conference featured selections from papers, a panel of 12 speakers and roundtable discussions that brought fresh interpretations to the study of American art.

**Schools of Human Services****Advanced Education Nursing Traineeships (AENT), Health Resources and Service Administration**

\$34,119

Mary Ann McGovern

These graduate student scholarships are administered through the Health Resources Services Administration and provide traineeships for students attending Salem State’s graduate nursing programs. Financial assistance received through traineeships enables students with fewer financial resources to attend graduate school and complete the program more quickly.

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

\$550,000

Cheryl Springer

Salem State partnered 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 received a tuition waiver and a stipend.

**Nurse of the Future Competencies for Education and Practice (Phases 1 and 2), Massachusetts Department of Higher Education**

\$50,000

Karen Manning

Salem State collaborated with Worcester State, Fitchburg State and their respective health care partners to use the Commonwealth of Massachusetts Department of Higher Education (DHE) gap analysis methodology tool in the bachelor of science in nursing (BSN) program for data collection. Data comparison and analysis among the three colleges and their health care partners identified gaps between the Nurse of the Future Competencies and the nursing program curricula at the respective schools, trends in data across the state campuses and strengths of each program. The revised curriculum, resulting from the cross-analysis of BSN programs, will prepare entry-level nursing students with the skills, attitudes and knowledge essential to provide safe care throughout their careers.

**Nurse of the Future Competencies for Education and Practice (Phase 3), Massachusetts Department of Higher Education**

\$50,000

Linda Frontiero

This grant built upon lessons learned from previous years’ Phase 1 and 2 program funded by the DHE. Phase 3 of the Nurse of the Future program involved Salem State, in partnership with North Shore Community College (NSCC) and North Shore Medical Center (NSMC), launching the final phase of its three-phase program, which is the finalization of the implementation of its pilot model into the curriculum plan. This pilot model expanded use of the simulation lab equipment and resulted in wider use of technology throughout the program. The program emphasis was on e-healthcare informatics and increased skill training in the clinical setting, with an allotted 225 hours for a senior clinical practicum.

**Northeast Global Education Program (sub award), Massachusetts Global Education Consortium at Framingham State College**

\$20,000

Richard Anderson, Louise Swiniarski

Salem State joined Framingham State’s Massachusetts Global Education Consortium in contributing to the Massachusetts Curriculum Framework Series that presented classroom lectures on timely topics addressing the impact of global education in daily teaching practices for k-12 educators. Workshops explored environmental systems that impacted changes in the global landscape along with a focus on globalizing the curriculum to promote literacy skills and developing international perspectives in young children from exposure to books and tales selected from around the world.

**Project NOBELL Secondary, U.S. Department of Education (continuing)**

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

Ellen Rintell

Project NOBELL Secondary is in its second year of recruiting and educating teachers in Lynn area high schools to effectively meet the needs of English language learners. Salem State is providing on-site graduate courses leading to the master of arts in teaching ESL degree.

**Nursing Education Expanded Technology Program, United States Department of Education,  
\$224,000**

Linda Frontiero

Salem State used this award to enhance its nursing education program through the integration of advanced technology and equipment. The goal of this project was to provide a high quality nursing education program with an emphasis on student success and professional work force needs. Salem State purchased one SIM MAN 3G, a patient care simulator; a simulated medical dispensing system; PDAs (personal digital assistants) with reference materials; and supporting technology and equipment to facilitate further integration of innovative technology into the curriculum.

**Scholarships for Disadvantaged Students, Health Resources and Services Administration,  
\$8,566**

Linda Frontiero

This scholarship was administered through the Health Resources Services Administration and provided assistance to both economically and environmentally disadvantaged undergraduate nursing students. Over 100 scholarships have been awarded since Salem State first received this award in 2002.

### Bertolon School of Business

**Small Business Administration, sub-contract with University of Massachusetts at Amherst  
\$360,000**

Margaret Somer

The Small Business Development Center (SBDC) provided business counseling, training and technical assistance to individuals in the greater North Shore area. Services include innovative technology combined with training in international business, economics and minority business development.

### Division of Continuing Education

**Building Careers, Massachusetts Department of Early Education and Care  
\$91,900**

Andrea Swirka

This grant continued to support Salem State in offering courses for early education and care educators who were seeking a degree in early childhood education. Through this funding, educators acquired new skills and knowledge resulting in improved curriculum planning, implementation and assessment of young children, including those with special needs and with English language learners.

### Additional Campus-wide Grants

**Drunk Driving Over the Limit Under Arrest Mobilization, The Massachusetts Executive  
Office of Public Safety and Security (EOPSS)**

\$7,500

William Anglin

In an effort to reduce drunk driving, the Executive Office of Public Safety and Security's Highway Safety Division (EOPSS-HSD) used this funding for its Drunk Driving Over the Limit Under Arrest program. The statewide campaign coordinated extra state and local traffic enforcement, media involvement and community education during three-week mobilizations. Funding also allowed officers in Salem State's public safety department to increase efforts in high visibility traffic enforcements of motor vehicle laws, including speeding, aggressive driving, impaired driving, and occupant protection by purchasing traffic safety equipment and materials supportive of these enforcement activities.

**First Jobs, North Shore Workforce Investment Board and the Essex County Community  
Foundation**

\$7,933

Craig Licchi

The First Jobs summer employment program for youth was co-sponsored by the North Shore Workforce Investment Board and the Essex County Community Foundation. This funding was used to hire six teens to assist with the athletics department's summer camps. Teens helped in a variety of ways, including assisting the athletics department with office duties, running snack bars and general maintenance.

**Massachusetts Campus Compact (MACC) AmeriCorps\*Vista and the Corporation for  
National and Community Service**

\$50,000

Bruce Perry

This grant supported the hiring of an individual to serve as a coordinator to help build the infrastructure for the college's new Center for Civic Engagement. The center represents the university's commitment to campus community service efforts and service learning courses while fostering expanding partnerships with community organizations to build civic engagement capacity.

**Student Support Services, United States Department of Education (continuing)**

\$1,718,160

Todd Moellendick

Student academic support services continues to provide comprehensive support services to Salem State students. This successful program has been at Salem State for more than 25 years. The program's objective has been 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.

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

\$244,885

Marc Boots-Ebenfield

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. An FLC is a group of six to twelve 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 for four years totaling \$1,301,580

Wendy Porter-Coste

The Salem State Upward Bound program provides low-income, first-generation students from Lawrence, Massachusetts, with comprehensive services to equip them with the skills and motivation necessary for success beyond secondary school. 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.

**Summary of Grant Awards**

**New Awards**

July 2008 through June 2009

Source Type	Awards
Federal	\$1,030,270
State	\$247,671
Private	\$219,561
<b>Total</b>	<b>\$1,497,502</b>

**Continuing grants**

(Awarded prior to July 2008)

Source Type	Awards*
Federal	\$1,396,804
State	\$120,882
Private	\$0
<b>Total</b>	<b>\$1,517,686</b>

**A Social-Ecological Study of Gender, Relationships and High School STEM, National Science Foundation sub-contract**

\$9,538

Anne Noonan

The goal of this study was to add to the existing knowledge on girls' retention and attrition from science, technology, engineering and mathematics (STEM). The STEM research examined differences in girls' and boys' formal and informal science educational experiences.

**Connecting ESSEX LINC: Connecting Elementary Teachers, Sources and Scholarship to Explore Local History in a National Context, Teaching American History 2007, United States Department of Education (continuing)**

\$999,957

Elizabeth Duclos-Orsello, Brad Austin

This three-year grant was a collaboration among Salem State's history department, the Beverly public schools, the Essex National Heritage Commission, and the National Archives and Records Administration-Northeast Region. The project was designed to increase elementary school teachers' knowledge, understanding and appreciation of key events and issues in American history through an intensive, ongoing professional development program.

**Excellence in Economic Education, National Council on Economic Education (NCEE), sub-contract with Bridgewater State**

\$10,000

Dorothy Siden

The Centers for Economic Education at both Bridgewater State and Salem State ran four teacher workshops. The purpose of the workshops was to train k-12 teachers in the use of NCEE Virtual Economics software. This educational program assisted teachers in implementing economics education in their classroom.

**Making Music Together, Target, \$1,500; Staples Foundation for Learning, \$5,000**

Mary-Jo Grenfell

Expanding upon previous success, Making Music Together offered two concerts to 340 local elementary schoolchildren. The purpose of the concerts was to enrich students' classroom learning experiences. Approximately 30 Salem State students performed under the direction of Professor Mary-Jo Grenfell. Following the concerts, the grade three through five students were afforded the opportunity of educational discussions, in-class workshops and a program website.

**Phonological Recognition, National Institutes of Health, RO1 Research Grant, (continuing)**

\$259,500 per year for five years totaling \$1,297,500, sub-contract to David Gow

David Gow

The goal of this ongoing project was to determine how listeners recognize words when the surface forms have been modified as a result of lawful phonological processes, including English coronal place assimilation. This project continued the development, testing and refinement of a comprehensive theoretical framework for understanding this problem; one that emphasizes the importance of fine phonetic detail and the role of auditory grouping mechanisms in processing.

**Project SALEM II, Massachusetts Department of Education (continuing)**

\$120,882 per year totaling \$362,646

Martha Hunt

This grant continues to offer North Shore middle school mathematics teachers the opportunity to earn graduate credits toward the Master of Arts in Teaching (MAT) degree in middle school mathematics at Salem State and expands the current collaboration created through the original Project SALEM grant. The four courses offered through this program give particular attention to both special education and English language learner teachers in the middle grades. This is the second consecutive grant that Salem State has received this grant under the Massachusetts Mathematics and Science Partnership Program.

**Using Evidence, Scholarship and Sources to Explore History, (Using ESSEX History), United States Department of Education (continuing)**

\$999,053

Brad Austin

Using ESSEX History continues as a three-year project that connects the people, events and places of Essex County with national developments and themes in order to increase the depth, breadth and quality of the county's American history teachers' knowledge and skills. Salem State faculty conduct workshops for secondary school teachers designed to improve the quality of instruction provided to their students in this field of study. This collaboration, comprised of the Beverly public schools, the Essex National Heritage Commission, the National Archive and Records Administration, and Salem State, enables teachers to access primary sources, artifacts and historical sites for their students' classroom experiences.

**Schools of Human Services****Advanced Education Nursing Traineeships (AENT), Health Resources Services Administration**

\$22,943

Mary Ann McGovern

These graduate student scholarships are administered through the Health Resources Services Administration and provide traineeships for students attending Salem State's graduate nursing programs. Financial assistance received through traineeships enables students with fewer financial resources to attend graduate school and complete the program more quickly.

**Child Care Access Means Parents in School (CCAMPIS), United States Department of Education (continuing)**

\$34,467 per year for four years totaling \$137,868

Beverly Gerson

The CCAMPIS program continued to support day care/preschool placement for children of low-income parents who are enrolled as full-time students at Salem State. Additionally, funds were used to purchase materials to enrich the parent resource room. Student surveys have shown the correlation between this strong support system and children's academic success.

**Gender and Science Fulbright, United States Department of State**

\$9,888

Cletus Cervoni

Professor Cletus Cervoni was awarded a Fulbright scholarship to study in Wales. The research included a close and sustained examination of boys' and girls' science activity. The findings provided a cultural comparison to Professor Cervoni's similar research conducted in the United States.

**Literacy and Language Learning for Middle Schools, Massachusetts Department of Higher Education (MDHE), (continuing)**

\$65,000 for three years totaling \$195,000

Ellen Rintell, Francesca Pomerantz

Salem State continues to partner with the public school systems of Chelsea, Lawrence and Lynn to meet the need for more highly qualified teachers of English language learners. English language learners have significant academic gaps compared with native speakers. Twenty middle school teachers are training as teachers of English language learners and will receive their MEd degrees in reading in multilingual settings. Over 600 students are expected to be directly impacted by this project.

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

\$272,720 per year for five years totaling \$1,363,601

Ellen Rintell, Michelle Pierce

This five-year Salem State program continues as a professional development project partnering with the public school systems of Chelsea, East Boston, Lawrence, Lynn, and Salem. The program provides funding to allow para-educators to complete their bachelor's degrees with the goal of becoming teachers of English language learners.

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

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

Ellen Rintell

Project NOBELL Secondary specifically focuses on recruiting and educating teachers from Lynn area high schools to effectively meet the needs of English language learners. Salem State is providing on-site graduate courses leading to the Master of Arts in Teaching (English Second Language) ESL.

**Nurse of the Future Phase 1 and 2, Massachusetts Board of Higher Education (MDHE),**

\$49,989

Karen Manning, Linda Frontiero

In collaboration with North Shore Community College and North Shore Medical Center, the School of Nursing at Salem State analyzed the effectiveness of the Nurse of the Future curriculum. There was consideration of curriculum revision for entry-level students on the topics of attitudes, knowledge and skills. Revisions were to focus on the safety of patients over their entire lifespan.

**Professional and Organizational Development in Higher Education**

\$300

Shelley Steenrod

These start-up funds were for faculty development.

### **Suicide Prevention, Massachusetts Department of Public Health, Planning and Implementation**

\$37,360

Cheryl Springer

Funds received for the planning portion of this program allowed the faculty in the graduate school of social work (MSW) to undertake a six-month planning process designed to create sustainable integration of suicide prevention and intervention into the MSW program. The planning team conducted meetings and seminars with faculty, field education liaisons and students. The goal of the planning process was to identify suicide prevention and intervention competencies for social workers and pinpoint necessary changes within the curriculum.

Implementation: The team undertook a year-long implementation process. Suicide prevention and intervention content was integrated into coursework and field education for the MSW degree. For social workers, the process included an offering of seminars and workshops for their continuing education and professional development.

### **Scholarships for Disadvantaged Students, Health Resources Services Administration**

\$73,310

Linda Frontiero

These undergraduate nursing scholarships were administered through the Health Resources Services Administration and provided assistance to both economically and environmentally disadvantaged students. Approximately 40 students benefitted from this annual program.

## **Bertolon School of Business**

### **2008 Small Business Administration, sub-contract with University of Massachusetts at Amherst**

\$330,000

Margaret Somer

The Small Business Development Center (SBDC) at Salem State provided business counseling, training and technical assistance for the greater North Shore region. Services also included innovative technology, collaboration for training in international business and economic and minority business development.

## **Division of Continuing Education**

### **Building Careers in Early Childhood to Support Implementing Inclusive Program and Curriculum, Massachusetts Department of Education**

\$40,886

Andrea Swirka

This program provided career and academic counseling and advancement to early childhood teachers and assistant teachers by enrolling them in degree programs in early childhood education. The program focused on improved curriculum planning as well as assessing and implementing classroom practices that promote the success of all young children, including those with disabilities.

## **Additional Campus-wide Grants**

### **Arts and Healing at North Shore Medical Center, Medtronic Foundation**

\$5,000

Kathleen McDonald

Salem State's Master of Arts in Teaching Art program, in collaboration with the Hunt Center Children's Psychiatric Unit, conducted this art project serving patients, their families and the staff at Hunt. Patients participated in art projects facilitated by an artist/educator and incorporated the Massachusetts Curriculum Frameworks.

### **Eastern Bank Charitable Foundation, Presidential Scholarship**

\$50,000

Cynthia McGurren

Funds from this foundation were used to establish the Nancy D. Harrington '60 Endowed Scholarship. The scholarship is intended to benefit students in Salem State's graduate and continuing education programs. The scholarship was created as a tribute to Salem State's 12<sup>th</sup> president, Nancy D. Harrington, and to the lasting impact she had on our campus and the community at large.

### **NCAA Division III Strategic Alliance Matching Grant, NCAA Division III (continuing),**

\$24,728, three years totaling, \$74,18 [missing info]

Jason Doviak

This grant allowed the creation of a new position within the athletics department: Senior women's administrator, CHAMPS Life Skills coordinator and head women's soccer coach. This position added an upper level female administrator plus a coach to our roster of collegiate coaches for women's sports at Salem State.

### **Student Support Services, United States Department of Education (continuing)**

\$429,540 four years totaling \$1,718,160

Todd Moellendick

Student Academic Support Services is a federally-funded program providing comprehensive support services to eligible part-time and full-time matriculated students. The program has been successful at Salem State for over twenty-five years. The program's primary objective continues to be the support of those low-income, first-generation and/or disabled students in need of academic services. Currently, there are over 325 students participating in the program.

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

\$325,395, four years totaling \$1,301,580

Wendy Porter-Coste

The Upward Bound program continues to provide comprehensive services for seventy-five low-income, first-year college students from Lawrence, Massachusetts. For over 17 years, this program has been true to its mission of assisting students in attaining their highest educational potential.

## SUMMARY OF GRANT AWARDS

### New Awards

July 2007 through June 2008

Source Type	Awards
Federal	\$744,173
State	\$128,237
Private	\$71,800
<b>Total</b>	<b>\$944,208</b>

### Continuing grants

(Awarded prior to July 2007)

Source Type	Awards*
Federal	\$1,987,959
State	\$185,882
Private	\$24,728
<b>Total</b>	<b>\$2,198,569</b>

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