

*“The School of Nursing at the University of Massachusetts Amherst (UMA) is a force for innovation, learning and discovery in preparing culturally proficient nurses for leadership for a global society. It is our mission to provide an affordable and accessible education to enhance health and healing through nursing leadership in teaching, scholarship, practice and service” (SON Vision and Mission Statements, 2008).*

Congruent with our vision and mission is recent testimony given to the U.S. Senate, by the President of the American Association of Colleges of Nursing on health care reform. Dr. Raines stated that legislation calls for making sound investments in educating more nurses and other health professionals to meet the nation’s growing need for patient care providers. (<http://allnurses.com/nursing-news/aacn-reps-invited-403109.html> )

I. Proven excellence of the School of Nursing in the given research/teaching area:

We are at the beginning of the most significant nursing shortage in modern times. The combination of the reduction in infant mortality, the baby boom, and people living into their 80s and 90s with chronic illness has created a perfect storm in which the population requiring nursing care has increased at precisely the time that a majority of practicing registered nurses are contemplating retirement. In addition to the impact of the shortage of nurses working directly with individuals who need nursing care, the dramatic decline in the availability of nurse faculty is even more acute. To increase our academic capacity and scholarship productivity we must continue to build our research programs through new tenure track hires. Research is needed to enhance an individual’s ability to manage their chronic illness, facilitate the health of vulnerable populations, and to improve the system of health care delivery,

We are proposing to increase the tenure/tenure track faculty by two assistant professors and one senior faculty member (total of three). With these additions to our faculty we will be able to gradually increase the size of our undergraduate program while adding to the number of graduate students prepared to address the increasing health needs of the people of the Commonwealth. In addition, new faculty will be sought with research strength that is complimentary to that of existing faculty. We anticipate that these new hires will contribute to both the teaching and the research mission of the School of Nursing (SON) and the University (UMA).

**Teaching**

The School of Nursing at UMA has been a leader in nursing education for more than 50 years. At its founding in 1953, the SON offered the first baccalaureate nursing program in public higher education in the Commonwealth of Massachusetts. Four years later, the School launched the first such Master of Science degree program, and in 1994, the state's first publicly supported Ph.D. program in collaboration with the Worcester campus. In 2004 we altered our affiliation with Worcester and are now the leader in BS to PhD education in the Commonwealth.

Through the Office of Continuing and Professional Education, we offered the first RN to BS program in public higher education, facilitating workforce mobility since 1988. Our innovations included using interactive video and migrating to the first online degree completion program. In 1990 we pioneered the development of a second degree nursing program for individuals with a degree in another field.–We continue to be innovators in online education implementing the first online Doctor of Nursing Practice (DNP) program in the Commonwealth (2006), and a Clinical Nurse Leader (CNL) Master of Science Program designed to prepare bedside nurses at the

advanced level. These programs attract students from all over the United States and Puerto Rico. Our investment in new faculty hires is to increase capacity in all these programs.

We have a growing stream of applicants for each of our programs. With our history of successful scholarly engagement with undergraduate and graduate students and our clinical partners, an increase in our faculty will enable us to grow our clinical capacity and research productivity.

Our tenure and tenure track faculty are clinical experts in a variety of specialties (e.g. chronic illness, health promotion, health care systems,). Excellent undergraduate and graduate education is dependent on the faculty having a strong program of research in conjunction with expert clinical teaching. Our vibrant Honors Program supports the prestige and productivity of student and faculty collaboration. The clinical and scholarly expertise of our tenure and tenure track faculty is highlighted in Tables 1 and 2.

The educational content of the undergraduate and graduate programs in nursing is guided by several regulating bodies including the Board of Registration in Nursing of the Commonwealth of Massachusetts, The Commission on Collegiate Nursing Education, the content of the NCLEX-RN licensure exam, and the Nurse Practitioner exams for entry into basic and advanced nursing practice. Ideally we should have at least one tenure/tenure track faculty member with clinical expertise in each area of clinical specialty across the lifespan. We have a critical need for PhD prepared faculty with clinical expertise as nurse practitioners and in the area of maternal/women's health. At present we are meeting the teaching needs in our undergraduate program with non tenure system faculty prepared at the master's level. We are meeting the needs at the graduate level by heavy utilization of contract faculty. In our most recent AQAD evaluation (2000), the use of part time, contract faculty to meet the teaching needs of the school was cited as a weakness. Therefore we must increase the number of our tenure/tenure track faculty.

## **Research**

The Institute of Medicine has outlined strategic directions for health care research. These include Communication and Computational Technology; Safety and Healthy Outcomes; Health Care Disparities and Health Outcomes based on research translation. Our School has already established three research clusters that align with these priorities. The overarching theme of our scholarship is "*Human interaction enhancing health and healing.*" Within that global statement, our three research clusters are: 1) Self in Relation to Health (research with a focus on the individual with chronic health problems); 2) Health Promotion and Disease Prevention (including health disparities and community health); 3) Healthcare Systems (Patient Data Systems, Informatics, and Patient Safety).

In 2004 the faculty of the SON engaged in an analysis and synthesis of the focus of our research endeavors. The research foci above are broad enough that the scholarship of the proposed hires will fit into one of these clusters.

The SON research productivity can be seen in Table 3, and highlights our successes in securing both extramural and intramural funding. In FY 2008, despite significant teaching and service responsibilities, the faculty submitted a total of 17 grants. Eleven of these grants were funded; two of the funded grants were for research and 15 were for programs. Our AQAD evaluation noted the need for an increase in federally funded grants. These proposed hires will expand our

doctorally prepared faculty thus providing increased research opportunities to compliment our successful programmatic funding.

## II. Interdisciplinary/transdisciplinary nature of the project

By expanding our tenure/tenure track faculty we can increase the opportunities for research collaboration. At the present time we have active research relationships on this campus with Industrial and Electrical Engineering, Computer Science, and Economics. Because of the broad nature of nursing in addressing the health problems of individuals, families, and groups, nurse scientists are in an excellent position to collaborate with scientists from other disciplines. Table 2 indicates the relationships we have developed within and beyond UMA for the purpose of scholarship. The proposed hires will be able to collaborate with existing faculty as well as develop their own relationships within and beyond the campus.

Strength of the School of Nursing is our partnerships with community agencies. We have two types of partnerships. The first helps to financially support our faculty and provides clinical opportunities for students. We have contracts with Baystate Medical Center and Cooley Dickenson Hospital, wherein the hospital reimburses the faculty salary to the University. Through both of these partners we have been able to create Dedicated Education Units, wherein the administration of the agency has committed an entire hospital unit to the education of UMA students. The second type of partnership supports our research endeavors through interdisciplinary collaboration with community agencies (see Table 2). Through these partnerships we have a unique opportunity for interorganizational collaboration on: publications, presentations and securing extramural funding. Through such collaborations we have made critical connections between UMA and our partners' involvements in important state and national professional organizations. To continue to increase the depth and breadth of these interdisciplinary partnerships it is essential we increase the number of research faculty.

## III. Willingness of departments/schools/colleges to support this direction with their own resources

The SON has ample resources for new tenure/tenure track hires. There is adequate space for new assistant professors research assistants to have their own offices. For the proposed Director of Scholarship, we are proud to have new, dedicated office space and equipment for scholarship. There is a scholarship suite that includes a large faculty office, a staff office and meeting room.

We want to acknowledge the current campus resources that have assisted our tenure/tenure track hires including assistance from the dean's and provost's offices, namely start up funds for small grants, fellowships, and release time from first-year coursework. We anticipate future faculty hires will have the similar benefits.

## IV. Established leadership for initiative on campus

The Leadership Team, composed of Dr. Jean Swinney, Interim Dean, Dr. Genevieve Chandler, Professor MaryAnn Hogan, Dr. Cynthia Jacelon, Dr. Christine King, Dr. Joan Roche and Dr. Donna Zucker, will provide direct long term support for three new faculty hires, through attention to appropriate teaching and service assignments and through active mentoring in teaching and scholarship activities in the SON and across the campus. Since 2007, all new faculty hires have been engaged in successful formal mentoring programs to promote scholarship

and retention. The mentoring has been funded by group- and individual- Mellon Mutual Mentoring grants.

Our faculty's unwavering commitment to scholarship is evidenced by our thriving interorganizational partnerships (see Table 2), our research grant submissions, publications, and our history of scholarly endeavors and awards (Table 3). Tenure track faculty dedicate 50% of their time to scholarly activities. External sources of support for teaching and research have been awarded through multiple federal and foundation sponsors. With the new leadership potential of a Director for Scholarship our faculty are poised to move to the next level of funding to grow our research in chronic health, health promotion and prevention and health care systems research.

#### V. Ability to attract funding from the federal, state and private sources.

The Chancellor's Framework for Excellence has outlined the research mission and vision for our campus' future. Recently the SON has endeavored to assess our research needs using a plan approved by the Vice Provost for Research. Recognizing our need in this area, in fall 2008, ~~with~~ an assessment of our faculty scholarship needs was conducted. Dr. Donna Zucker, a representative from the leadership team, visited two schools of nursing in our region that have thriving, well funded, programs of scholarship. A report of our findings was sent to the Vice Provost for Research in May of 2009, in an effort to garner resources for our school. Recommendations to the Vice Provost included to 1) create an Office for Scholarship that is staffed with support personnel and 2) designate a Director of Research.

**We are requesting three hires.** Two assistant/associate professor hires must have the capacity to attract external funding. We will be looking for faculty who demonstrate (1) progressive scholarly achievements including data-based publications, (2) excellence in teaching across undergraduate and graduate levels and (3) potential to establish collaborative partnerships with other disciplines, health care agencies, and industry.

Historically funding in the SON has fallen into three categories: 1) Program grants (e.g. HRSA, DOE), 2) NIH Grants (nursing and aging institutes) in support of individual research, and 3) Foundations, gifts and industry grants (e.g. Robert Wood Johnson). See Table 3 for a three year history of intramural and extramural funding history in the SON. The faculty has had an 82% success rate for FY 2008 in program funding and only 18% funding individual or group research. We are confident that the addition of a Director of Scholarship will assist our faculty to become more successful in securing federal research grant funding.

**The third position** is for a senior level tenure track/ tenure hire will have a successful program of extramurally funded research, experience sitting on a federal study section, experience with establishing partnerships, and has the capacity to work with the junior research faculty to leverage resources for their successful research. This individual would direct the Office for Scholarship and help faculty develop collaborations within and beyond the SON. This position would round out multiple needs of our faculty, thus complimenting the scholarship needs of our school.

#### VI. Prospects that the project will establish or confirm UMass Amherst as the leader in the proposed area of scholarship, research or teaching

To establish our leadership in nursing education and scholarship in the Commonwealth we require the addition of two tenures track faculty who will expand our teaching capacity particularly at the graduate level. In addition they will strengthen the existing research clusters that have been identified within the SON. With the addition of a Director for Scholarship, we will be able to build the infrastructure for successful funding for our collective programs of research, becoming leaders in the areas of 1) Self in Relation to Health; 2) Health Promotion and Disease Prevention; and 3) Healthcare systems.

Nurses are at the hub of the health care system. With increasing complexity, acuity and chronicity of illness, the diversity and aging of the patient population, and the critical need to overhaul the nation's health care system it is essential to have well educated nurses at the table as well as at the bedside. UMA SON has the programs in place to provide diverse, global, accessible education. We have the strong faculty who can take the leadership in teaching and scholarship. With the three new positions we will have the necessary resources to increase our research funding and teaching capacity.

## Appendix B Tables

Table 1: Clinical/teaching expertise of Tenure/tenure track faculty

Table 2: Research interests and relationships of the Tenure/tenure Track faculty

Table 3. Research Accomplishments of the Faculty

Table 1: Clinical/teaching expertise of Tenure/tenure track faculty

<b>Name</b>	<b>Rank</b>	<b>Tenure Year</b>	<b>Clinical Expertise</b>	<b>Service Role</b>
G. Chandler	Associate Prof.	1993	Mental Health	Director, Second Degree Track
J. Choi	Assistant Prof.	2012	Patient education	
J. D’Martinis	Associate Prof.	2011	Cardiac Nurse Practitioner	
E. Hayes*	Professor	2004	Family Nurse Practitioner/ adult health	
E. Henneman	Associate Prof.	2008	Acute & Intensive Care	
C. Jacelon	Associate Prof.	2008	Gerontological acute and chronic care	Director, Departmental Honors
C. King	Associate Prof.	1994	Interpersonal Violence	Graduate Program Director
K. Kalmakis	Assistant Prof.	2013	Family Nurse Practitioner/ Sexual assault	
J. Swinney	Professor	2004	Public Health Nursing	Interim Dean
D. Zucker	Associate Prof.	2007	Adult acute and chronic care	Director, RN-BS Track

\*E. Hayes is on medical leave indefinitely.

Table 2: Research interests and relationships of the Tenure/tenure Track faculty

FACULTY	RELATIONSHIPS	SCHOLARSHIP
G. Chandler	- Baystate Franklin Medical Center - Fairview Hospital -Massachusetts Organization for Nurse Executives	- Trauma Study - Quality Improvement - Research consultation and development -Academaic Practice Integration Committee
J. Choi	- Spaulding Rehabilitation Hospital, Boston	- Research consultation including data analysis
J. DeMartinis	Chicopee Health Center	Life Charge Program
E. Hayes		Indefinite medical leave
E. Henneman	- U Mass School of Engineering - U Mass Dept. of Computer Science - U Mass School of Management - Baystate Medical Center	- Research Development and Conduct - Teamwork - Collaboration in the ICU - Eye-tracking to improve patient safety - Formally defining and testing high risk medical processes
C. Jacelon	- U Mass Dept. of Computer Science - U. Mass School of Engineering - Baystate VNA - Jewish Geriatric Services, Longmeadow, MA Sigma Theta Tau International Honor Society for Nursing	- Smart Environments for older adults with chronic health problems - RFID technology for supervision of frail older adults - Dignity in Older adults with chronic health problems - Sense of control in older adults with chronic health problems - Fall Risk in older adults with chronic health problems -Current President
K. Kalmakis	- Every Women's' Center - Massachusetts Sexual Assault Nurse Examiner (SANE) Program	- Victimization and substance misuse - Victims' health care needs post sexual assault
C. King	University of Puerto Rico	Interpersonal violence
J. Swinney	Mason Square Health Center, Springfield, MA	Health disparities
D. Zucker	Hampshire Sheriff's Office	- August 2008. Labyrinth Walking to Enhance Wellness. International Nurses Society on Addictions \$1000. 1 year, Donna M. Zucker, PI; no contribution. - May 2008. The Hepatitis C and HIV Prevention and Risk Reduction in Community Corrections Program. Public Service Endowment Grant, University of Massachusetts,

	CAN DO – Regional Employment Board of Hampden County	<p>Amherst . \$13,513.90. 1 year, Donna M. Zucker, PI no contribution.</p> <ul style="list-style-type: none"> <li>- May 2008. The Hepatitis C and HIV Prevention and Risk Reduction in Community Corrections Program. Massachusetts Departemtn of Public Health. Vaccine donation (\$35,000 in kind). 1 year, Donna M. Zucker, PI no contribution.</li> <li>- Workforce development and increasing capacity in Western Massachusetts</li> </ul>
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FACULTY	PARTNERSHIP	SCHOLARSHIP
J. Roche	Baystate Medical Center	<p>Research Consultation &amp; development. Selected studies:</p> <ul style="list-style-type: none"> <li>• Outcomes of nurse managed multidisciplinary rounds</li> <li>• Outcomes of Human Patient Simulation vs. Written Case studies with New Graduate RNs</li> <li>• Yoga &amp; Intentionality: Lifestyle Modification Program</li> <li>• Dedication Education Unit: Collaboration in Education</li> <li>• Role Socialization of New Graduate RNs &amp; healthy work environments (part of a national multi-site study)</li> </ul>
L. Wolfe	Cooley Dickenson Hospital	<p>Research consultation and development</p> <ul style="list-style-type: none"> <li>• Development of a model of care delivery in uncertain, high-acuity environments</li> <li>• Barriers to continuity of care between the ED and ICU</li> <li>• Social context of decision making</li> <li>• Use of HPS in triage training</li> <li>• Use of HPS in improving systematicity</li> <li>• Use of problem based learning in undergraduate nursing education</li> </ul>

**Table 3. Research Accomplishments of the Faculty**

University of Massachusetts Amherst, School of Nursing External Funding & Intramural Funding

<b>Awards Accepted by OU by PI - FY 2007<sub>1</sub></b>				
<b>Nursing Faculty</b>	<b>Project Name</b>	<b>Sponsor</b>	<b>Total Costs</b>	<b>Project Period</b>
<b>Breslin, Eileen</b> 107-1100 A128686	"Educational Collaborative Agreement"	Jewish Geriatric Services Inc Health Agencies instruction/Contract	Direct \$64,087/ Indirect \$12,817/ Total \$76,904	September 01, 2006 - August 31, 2007
<b>Breslin, Eileen</b> 107-1264 A128654	"Educational Collaborative Agreement 2007-2010"	Cooley Dickinson Hospital Health Agencies/S158149 Instruction/Contract	Direct \$411,351/ Indirect \$79,694/ Total \$491,045	September 01, 2007 - August 31, 2010
<b>Breslin, Eileen</b> 107-0499 A128501	"Franklin Medical Center/UMass Amherst School of Nursing Educational Collaborative Agreement"	Franklin Medical Ctr. - Baystate Health Health Agencies/ Instruction/Contract	Direct \$19,088/ Indirect \$2,678/ Total \$21,766	September 01, 2006 - August 31, 2007
<b>Cary, Ann H</b> 107-1060 A126603	"Public Health Nursing Workforce Development"	Boston University Other Colleges and Universities/2401-6 PO #MC515924BAJ #1 Research/Contract	Direct \$3,704/ Indirect \$296/ Total \$4,000	September 30, 2005 - August 31, 2006
<b>DeMartinis, Jean E</b> 107-1096 A126647	"Advanced Education Nursing Grants"	Health Resources and Services Admin US Dept of Health and Human Services/5 D09HP07323-02-00 Instruction/Grant	Direct \$274,446/ Indirect \$21,956/ Total \$296,402	July 01, 2007 - June 30, 2008

<b>Picard, Carol</b> 106-0762 A115769	"Advanced Education Nursing Traineeship Program"	Health Resources and Services Admin US Dept of Health and Human Services/A10HP00198 -07-00 Research/Grant	Direct \$19,806/ Indirect \$0/ Total \$19,806	July 01, 2006 - June 30, 2007
<b>Swinney, Jean E.</b> 106-1439 A122767	"Embracing the Challenge: Increasing Workforce Diversity in Nursing"	US Dept of Health and Human Services US Dept of Health and Human Services/5 D19 HP02624-03-00 Instruction/Grant	Direct \$294,398/ Indirect \$23,552/ Total \$317,950	July 01, 2006 - June 30, 2008
<b>CO-PI: Henneman, Elizabeth A Tessier, Edward G</b> 106-1231 A127114	"An Evaluation of Collaborative Nurse-Pharmacist Intervention for Improving the Medication Reconciliation Process:"	American Soc of Health-Sys Pharmacists Institutes and Associations/ Research/Grant	Direct \$36,834/ Indirect \$2,946/ Total \$39,780	September 01, 2006 - August 31, 2008
<b>Zucker, Donna M</b> 107-0249 A127988	"Hepatitis C Education for Healthcare Providers at Tapestry Health"	Schering-Plough Foundation Foundations/SC25560 6 Research/Grant	Direct \$8,000/ Indirect \$0/ Total \$8,000	September 30, 2006 - May 15, 2007
<b>Zucker, Donna M</b> 107-0258 A128046	"Mobile Outreach Service for Hepatitis C Prevention in Western Massachusetts"	UMA - Found. Inc Foundations/ Research/Contract	Direct \$9,154/ Indirect \$0/ Total \$9,154	September 01, 2006 - August 31, 2007

**Awards Accepted by OU by PI - FY 2007<sup>1</sup>**

<sup>2</sup> <http://www.umass.edu/research/ogca/reports/oncampus/annual2008/FY2008-award-ou-detail.pdf>

Awards Accepted by OU by PI - FY 2008 <sub>2</sub>				
Nursing Faculty	Project Name	Sponsor	Total Costs	Project Period
<b>Barton-Burke, Margaret</b> 107-0236 / A129718	"Long Term Quality of Life in Black Women Breast Cancer Survivors"	Susan G. Komen Breast Cancer Foundation Foundations/DISP0707596 Research/Contract	Direct \$117,495/ Indirect \$26,449/ Total \$143,944	October 15, 2007 - October 2009
<b>Breslin, Eileen</b> 108-0227 / A130058	"Educational Collaborative Agreement 2007-2008"	Jewish Geriatric Services In Health Agencies/ Other/Contract	Direct \$79,348/ Indirect \$15,870/ Total \$95,218	September 01, 2007 – August 31, 2008
<b>Cary, Ann H</b> 107-0307 / A126603	"Improving the Public Health: Environmental Justice and Community Partnership Considerations for Public Health Nurses"	Boston University Other Colleges and Universities PO # RA528843BAJ #2 Research/Contract	Direct \$26,161/ Indirect \$2,093/ Total \$28,254	September 01, 2006 – August 31, 2007
<b>Cary, Ann H</b> 107-1036 / A115769	"Advanced Education Nursing Traineeship Program 2007-2008"	US Dept of Health and Human Services US Dept of Health and Human Services/2 A10HP00198-08 Instruction/Grant	Direct \$41,866/ Indirect Total \$41,866	July 01, 2007 – June 30, 2008
<b>Cary, Ann H</b> 108-0319 / A130488	"FY 2008 Scope of Work for Public Health Nurses in all NEAPHWD States"	Boston University School of Public Health	Direct \$26,402/ Indirect \$2,112/ Total \$28,514	September 01, 2007 - August 31, 2008
	Other Colleges and Universities/5 D20HP00003 -08-00 Research/Contract		Total \$28,514	
<b>Cary, Ann H</b> 108-0971 / A130635	"Nurse of the Future Competency for Education and Practice: Phase 1"	MA Board of Higher Education Commonwealth of Massachusetts/ Instruction/Contract	Direct \$10,000/ Indirect \$0/ Total \$10,000	February 18, 2008 – June 30, 2008
<b>DeMartinis, Jean E</b> 108-0821 / A130877	"Holyoke Health Center/UMass Collaborative Agreement"	Holyoke Health Center Inc Health Agencies/ Other/Contract	Direct \$32,842/ Indirect Total \$32,842	April 01, 2008 – June 30, 2009
<b>Hayes, Eileen F</b>	"Expanding the Boundaries of Health Resources and Services"	Health Resources and Services	Direct \$242,759/ Indirect	July 27, 2008 –

107-1099 / A124627	Women's Health: A Collaborative Advanced Practice Nursing Program Serving W. MA."	Admin US Dept of Health and Human Services/6 D09HP05314 -03-04 Research/Grant	\$8,893/ Total \$251,652	June 30, 2009
<b>King, Mary Christine</b> 108-0765 / A115769	"Advanced Education Nursing Traineeships"	Health Resources and Services Admin US Dept of Health and Human Services/6 A10HP00198-09-01 Instruction/Grant	Direct \$46,862/ Indirect \$ Total \$46,862	July 01, 2008 – June 30, 2009

<b>Picard, Carol</b> 107-1526 / A126615	"Graduate Assistance in Areas of National Need: Nursing"	US Dept of Education US Dept of Education/P200A060271 #05 & 07 Research/Grant	Direct \$170,508/ Indirect \$0/ Total \$170,508	August 14, 2007 - August 13, 2008
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<http://www.umass.edu/research/ogca/reports/month2009.htm>

**Awards Accepted by OU by PI - FY 2009<sub>3</sub>**

Sponsor	Project Name	Sponsor	Total Costs	Project Period
<b>Picard, Carol</b> 109-0052 / A126615	Graduate Assistance in Areas of National Need: Nursing"	US Dept of Education US Dept of Education/P200A060271#08 Research/Grant	Direct \$171,504/ Indirect \$0/ Total \$171,504	August 14, 2008 - August 13, 2009
<b>Chandler, Genevieve Elizabeth</b> 108-1832 / A132281	"Robert Wood Johnson Foundation New Careers in Nursing Scholarships"	Johnson Fdn, Robert Wood Foundations/64987 Other/Grant	Direct \$80,000/ Indirect \$0/ Total \$80,000	September 01, 2008 - August 31, 2009
<b>DeMartinis, Jean E</b> 109-0117 / A126647	"Advanced Education Nursing Grants. Holyoke Health Center/UMass	Health Resources and Services Admin US Dept of Health and Human Services/5	Direct \$256,660/ Indirect \$20,533/ Total \$277,193	July 01, 2008 - June 30, 2009

	Educational Collaborative Agreement."	D09 HP07323-03-00 Instruction/Grant		
<b>Jacelon, Cynthia</b> 109-0430	"Scholar in Residence 2008-2009"	Jewish Geriatric Services Inc Health Agencies/ Other/Contract	Direct \$20,000/ Indirect \$4,000/ Total \$24,000	September 01, 2008 - August 31, 2009
<b>Zucker, Donna M</b> 109-0159	"Labrynith Walking to Enhance Wellness in Incarcerated Substance Abusers"	Int'l Nurses Society on Addictions Institutes and Associations/ Research/Grant	Direct \$1,000/ Indirect \$0/ Total \$1,000	October 08, 2008 - December 31, 2009