

COLLEGE OF NURSING ANNUAL REPORT

2009-10 Academic Year

TABLE OF CONTENTS

TABLE OF CONTENTS	1
INTRODUCTION AND OVERVIEW	2
<i>Major Accomplishments</i>	2
EDUCATIONAL PROGRAMS / ACADEMIC AFFAIRS	4
<i>Baccalaureate Program</i>	7
<i>Master's and DNP Program</i>	9
<i>Gerontology Interdisciplinary Program (GIP)</i>	11
<i>PhD Program</i>	13
RESEARCH	17
<i>Major Accomplishments and Overview</i>	17
INFORMATION & TECHNOLOGY	23
FACULTY PRACTICE / SERVICE	25
OUTREACH	30
DEVELOPMENT / PUBLIC RELATIONS / ALUMNI	31
FACULTY AND STAFF	35
<i>Faculty: Recruitment and Retention</i>	35
<i>College Administrative Organization</i>	35
DIVISION OF ACUTE AND CHRONIC CARE	37
<i>Overview and Actions</i>	37
<i>Faculty Accomplishments 2009</i>	38
DIVISION OF HEALTH SYSTEMS & COMMUNITY-BASED CARE	44
<i>Overview and Actions</i>	44
<i>Faculty Accomplishments 2009</i>	45

INTRODUCTION AND OVERVIEW

Major Accomplishments

2009-10 has been a year of operating as a virtual college with our five different building locations. We are all looking forward with great anticipation to moving back into our building at the end of this summer. While distributed about the valley we did more than survive our displacement we actually continued to thrive and grow our education, research and practice programs. College of Nursing faculty and staff worked together to develop a new concept-based curriculum for the undergraduate program and to provide input for a new set of strategic priorities for the College. Several faculty were successful in obtaining the first Po1 grant from the NIH National Cancer Institute.

2009-10 SMART Goals

The following summary highlights the activity and outcomes achieved over the past year as they relate to our ten SMART goals:

1. Complete baccalaureate curriculum revision and implement Summer/Fall 2010.
 - a. *Concept-based curriculum model adopted*
 - b. *Concepts identified*
 - c. *Delivery methods and sequencing developed*
 - d. *Faculty development and training plan*
 - e. *Course and syllabus creation planned for this summer*
2. Complete draft of self-study by summer 2010 for CCNE accreditation visit in Spring 2011.
 - a. *Draft of Sections 1-4 complete and under review*
 - b. *Faculty Handbook created*
 - c. *Electronic Faculty Activity Report revised*
 - d. *Faculty Web pages being converted & updated*
3. Continue to develop electronic, technology-based solutions for student tracking and clinical placements.
 - a. *Taskforce designed data elements, database parameters, user groups and functionalities for clinical site identification and preceptor tracking.*
 - b. *Working with IT Web solutions to complete and pilot test this summer*
4. Restructure grant submission process (timelines and pre-reviews) and grant incentive program.
 - a. *As part of the strategic planning, members of the Research Committee proposed revisions to the grant incentive program to reward success as well as activities that promote success (e.g., charettes for early brainstorming, timely drafts provided for extramural review) and other activities that will reverse a culture of last minute application development that has developed in the College.*
 - b. *A number of activities were initiated or augmented in the College of Nursing in 2009-10 to enhance the research culture, prepare to maximize new resources in the CON building renovation, address increased competition for NIH funding, and anticipate substantial changes in NIH peer review effective in January, 2010. These activities included:*
 - *Workshop during Fall Faculty Retreat on changes in peer review process and CoN grant support*
 - *Workshop in January 2010 updating changes in peer review and CoN procedures*
 - *Supported submission of at least eight training, construction, and research ARRA grants with very short submission timelines*
 - *Initiation of charettes (brainstorming sessions early in grant conceptualization)*
 - *Enhancement of research seminar series as part of College of Nursing Seminar Series each Friday with 17 seminars and attendance of 334 summed across live and*

synchronous webcast. In addition, seminars were archived on the website (75% research content; two visiting scholars).

- *Monthly or bi-monthly Research Bulletin sent to faculty with information on funding opportunities, conferences, and calls for abstracts*
5. Revise timeline for course requests, workload allocation and performance reviews (including service, practice, research and administrative effort in database).
 - a. *The Faculty Dashboard is a comprehensive workload, teaching assignment, and contract application that allow CoN Administrators to plan course offerings, assign faculty to those courses including FTE, assign non-teaching workload including the funding source, and generate custom faculty contracts.*
 - b. *Additional features include faculty dashboard pages which contain linked documents for easy access, and a reporting system that provides teaching assignment summaries, total workload summaries, year-to-year comparisons, and faculty rosters. A web component also exists for faculty to view their workload and teaching assignments real-time, and provide in-system feedback to the Division Chairs.*
 6. Initiate strategic planning process for 2010-2015 for final approval by Fall 2010.
 - a. *Strategic Planning meetings held throughout the year for faculty input, including College Council, Faculty practice, research, education programs, and educational infrastructure.*
 - b. *Draft strategic plan to be finalized this summer*
 7. Develop and pilot simulation-based care scenarios for integration into curricula by summer 2010.
 - a. *Simulations and clinical immersion scenarios developed*
 - b. *Faculty attended workshops and training*
 8. Create a proactive budget plan with contingencies for future funding levels.
 - a. *Quarterly budget meetings with Academic Leadership Team members*
 - b. *Meeting with tenured faculty*
 - c. *Developed criteria for potential reduction in clinical faculty ranks*
 9. Complete renovation of entire building and relocate all functions, faculty and staff back into the building by Fall 2010.
 - a. *Renovation on schedule for completion*
 - b. *Building to be turned over to College for furnishing July 6th*
 - c. *Furnishing to be complete by July 23rd*
 - d. *Relocation and staged move in of faculty and staff August 2nd – 13th*

Enrollment

Enrollment in the College's program reached a high with 611 students in Fall 2009. However the traditional and accelerated undergraduate program was capped at 64 new admits for each cohort for the coming year due to a reduction in state funding.

Figure 1. Student Enrollment 2006-2010 (OBIA)

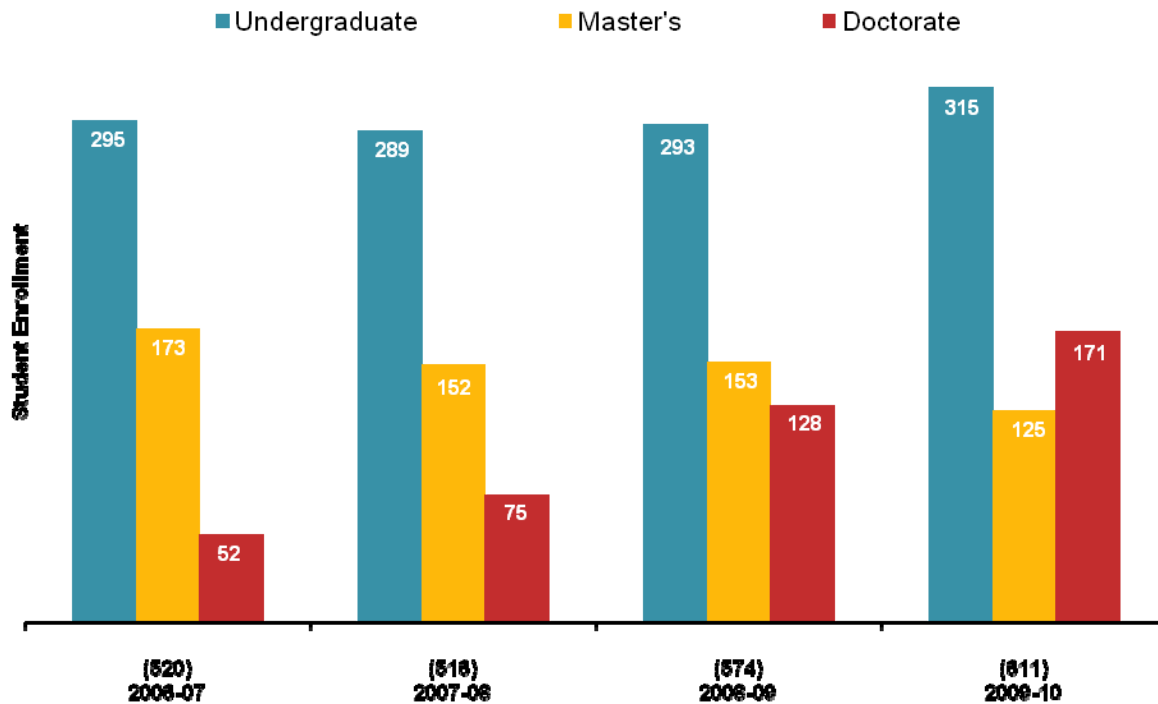


Figure 1 shows the total student enrollment during the Fall semester over the last four years. Enrollment in the RN-BS program has steadily increased. 111 Master's, 31 BS/DNP, and 18 MS/DNP students were admitted for Fall 2009. 9 PhD students were also admitted in Fall 2009.

Figure 2. Number of Graduates 2004 – 2009 (OBIA)

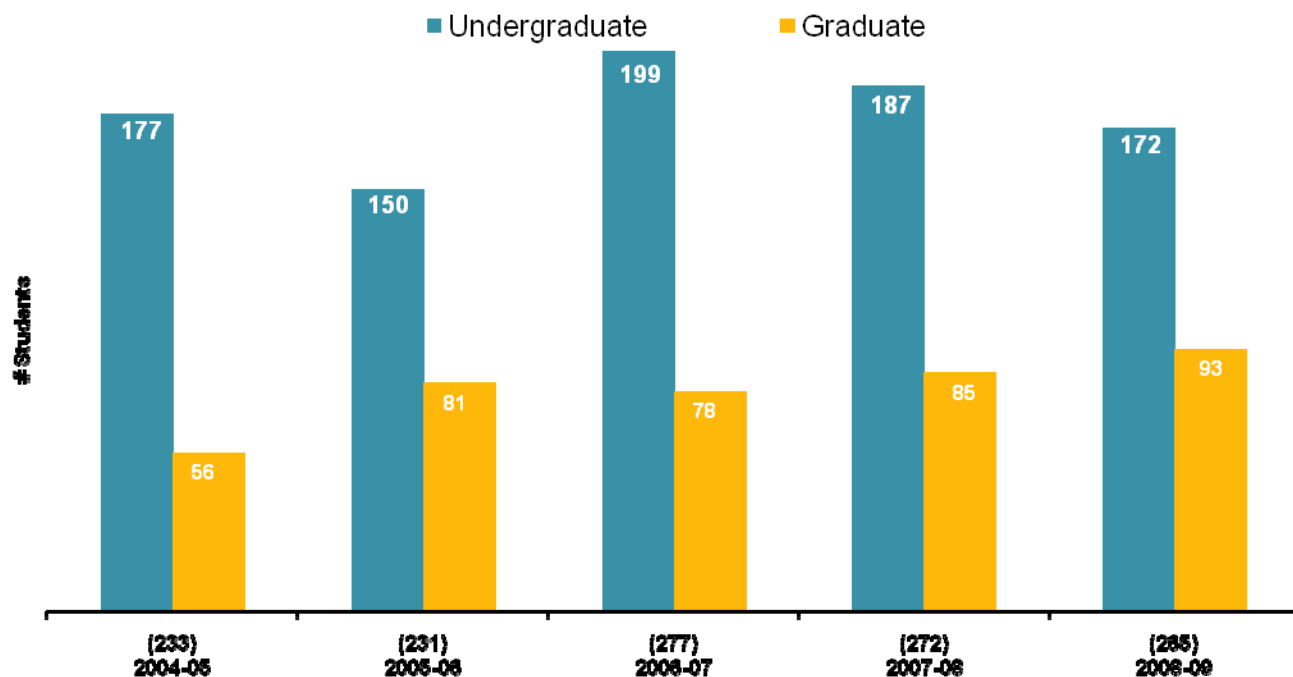


Figure 2 depicts graduation rates for students completing upper division Baccalaureate and RN-BS Programs (undergraduate) and graduate programs (MS, DNP, & PhD combined). Of the 172 BSN graduates, 99% percent of the accelerated students, 95% of the traditional students, and 88% of the RN/BS students completed on schedule.

Table 1. Demographic Characteristics of Students: 2008-09 and 2009-10

Indicators	BS in Nursing		MS in Nursing		MS in Gerontology		DNP		PhD in Nursing	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
Students*	293	315	138	110	15	15	91	122	47	49
Average Age	30	29	37	35	39	40	43	40	43	41
Average GPA	3.68	3.45	3.72	3.42	3.79	3.73	BS	BS	BS	BS
							3.74	3.78	3.49	3.87
Male	22%	25%	16%	19%	26%	7%	MS	MS	MS	MS
							3.82	3.74	3.77*	3.84
Ethnic Minority	14%	16%	7%	9%	16%	7%	14%	9%	33%	18%

* number of students taken from OBIA

Table 1 is a summary of the students' demographic profile. Increasing gender and ethnic diversity is an ongoing priority.

Scholarships

Approximately \$ 690,881 in scholarship and endowment funds were awarded to College of Nursing students during the 2009-2010 academic year. Awards were distributed each semester with 239 total scholarship awards to undergraduate and graduate students over the academic year. Additional Doctoral Student Incentive Packages and Faculty Fellowships were awarded to DNP and PhD students planning to pursue a career in nursing education.

Table 2. Funds Disseminated by the Scholarship Committee 2009-2010

Semester	Amount
Fall Semester 2009	\$272,193
Spring Semester 2010	\$271,132
Summer Semester 2010	\$147,556
Total	\$690,881

Table 3. Funding Percentage of Overall Student Population 2009-2010

	Applicants	Funded	% Applicants Funded	Students in Program	% Students Funded
Fall 2009					
RN-BS	3	3	100%	102	3%
BS	49	41	83%	213	19%
MS	5	3	60%	93	3%
DNP	54	37	68%	127	29%
PhD	21	21	100%	49	43%
Spring 2010					
RN-BS	3	2	33%	53	3%
BS	49	40	81%	213	19%
MS	5	3	60%	124	2%
DNP	54	37	68%	135	27%
PHD	21	21	100%	49	43%
Summer 2010					
RN-BS	1	1	100%	53	1%
BS	61	38	62%	134	28%
MS	11	4	36%	128	3%
DNP	34	23	67%	135	17%
PhD	21	21	100%	49	43%

The University of Utah Hartford Center of Geriatric Nursing Excellence

The mission of the Center is to expand the number of highly qualified nursing faculty at all levels of nursing programs prepared to teach geriatric nursing. Doctoral student fellows affiliated with the Center represent 14 states (19 PhD and 3 DNP students); 61 graduate students received 3-credit equivalence of geriatric content in the adult advance practice specialty; 4 completed a 9-hour geriatric subspecialty; and 2 completed the 15-credit hour Gerontology Interdisciplinary Graduate Certificate Program. The Geriatric Nursing Leadership (RN – BS) emphasis was approved by the University of Utah Board of Trustees, and 3 former students achieved Gerontological Nursing Certification from ANCC. Working in collaboration with the Gerontology Interdisciplinary Program, the School of Social Work and Care Management-Plus, a revamped Geriatric Care Manager Certificate was developed to be offered through Professional Education. PhD student Kathy Wright was awarded a BAGNC Scholarship, faculty member Linda Edelman was awarded a Claire M. Fagin Fellowship and PhD student Michelle Litchman was awarded a Hartford/Jonas Scholarship.

Salt Lake City VA Nursing Academy

The VANA partnership remained strong in 2009-10. To better expose students to the specific health care needs of the veteran population, two cohorts of eight undergraduate students were selected via a competitive process to complete all of their clinical rotations (except maternal and pediatric nursing) at the Salt Lake VA Medical Center. First semester students continue to use the Active Engagement Model for their clinical education. A successful grant submission to the VA Central Office in Washington, DC allowed VANA to open a simulation laboratory designed to enhance on-site student learning and VA staff development at the VA Medical Center. And, at the annual VANA conference a poster was presented that highlighted the successful use of the Active Engagement Model for clinical education.

Baccalaureate Program

Table 4. Numbers and Profile of Undergraduate Students in Nursing

Program	Average Age	Gender (M/F)	Average Cumulative GPA	Applicants	Enrolled	Graduates
Accelerated Entering Summer 09	29	17/55	3.46	140	72	71* (Summer 10)
Accelerated Entering Summer 10	31	19/44	3.55	149	64	63* (Summer 11)
Traditional Entering Fall 08	24	16/56	3.60	179	72	70 (Spring 10)
Traditional Entering Fall 09	25	22/50	3.47	155	72	70* (Spring 11)
RN-BS Entering Fall 08	35	17/40	3.37	73	54	43 (Fall 09)
RN-BS Entering Fall 09	30	18/40	3.41	78	57	58* (Fall 10)

*Anticipated

New Courses & Program Revisions

- In fall of 2009, Nursing 4410 for the RN-BS changed the options for the clinical component to allow students to work toward certification in a specialty area, complete a quality improvement project at their facility, or complete clinical hours on a unit with a preceptor. This has proven to be a popular option with the RN-BS students who feel it has improved their program of study.
- Degree emphasis for the Geriatric Nurse Leadership RN-BS program was obtained from the Board of Regents.
- Approved new N2000: Growth and Development course description and objectives to align with a health focus/application to nursing.

- Approved Ghana Community Health Clinical to occur in Summer 2010 for RN-BS and Traditional BS students.
- Approved pilot to incorporate ASL into clinical course – N3525 in Spring 2011.

Trends in Baccalaureate Course and Instructor Evaluations

Figure 3. Course Evaluations 2006 – 2010 (Scale 0-6)

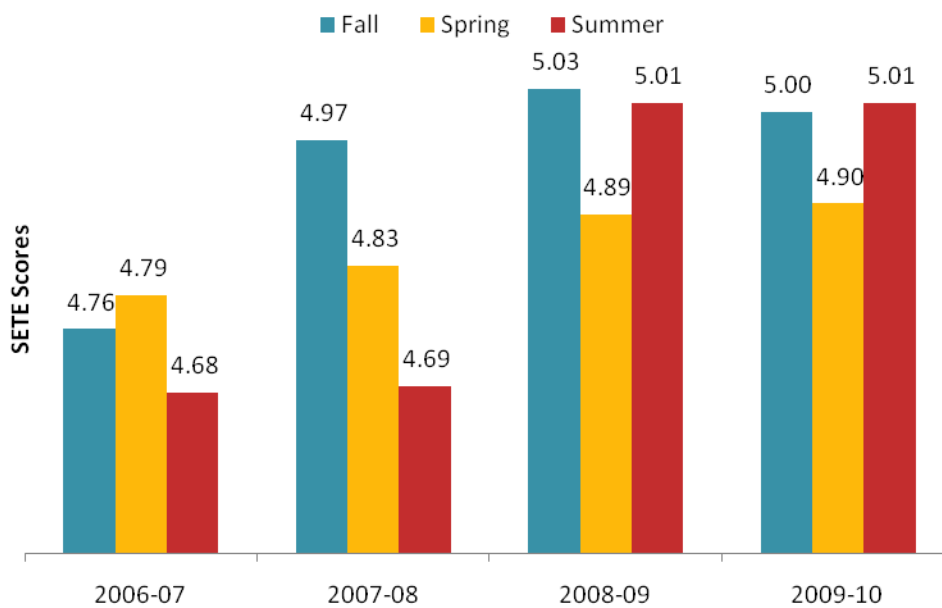
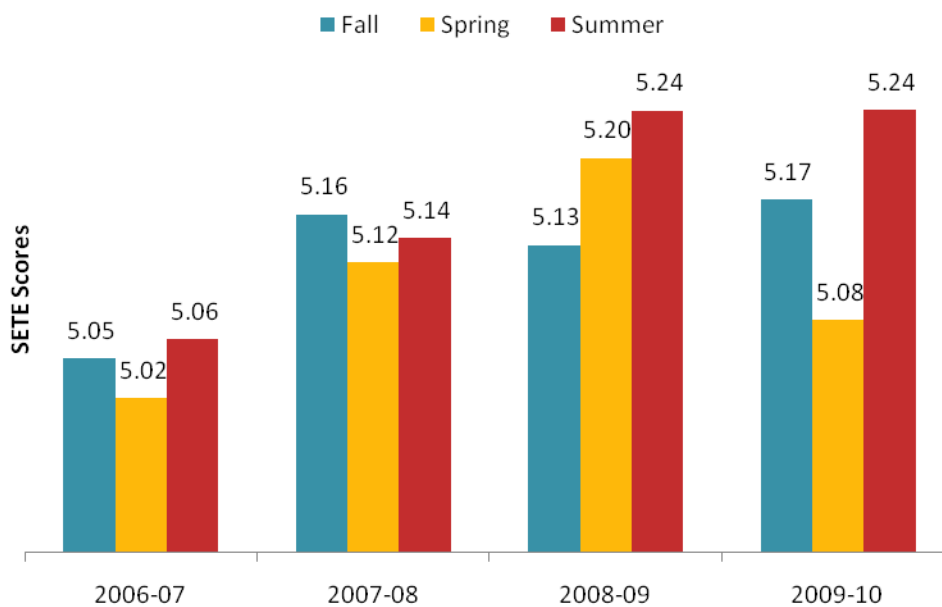


Figure 4. Instructor Evaluations 2006 – 2010 (Scale 0-6)



NCLEX

NCLEX first time pass rates for College of Nursing graduates increased in the last year to 92%. This is above the national pass rate of 89%. Students are required to pass the ATI RN Comprehensive Predictor Exam with a score that has a predicted probability of passing the NCLEX at 90% or higher.

Table 5. NCLEX Pass Rates 2005 - 2010

	Apr – Mar 2005-06	Apr - Mar 2006-07	Apr - Mar 2007-08	Apr – Mar 2008-09	Apr – Mar 2009-10
Graduates Tested	112	141	130	133	131
Graduates Passing	102	131	120	112	120
CON Passing Rate	91%	93%	92%	84%	92%
Jurisdiction Passing Rate	91%	89%	88%	83%	87%
National Passing Rate	87%	88%	87%	88%	89%

Master's and DNP Program

Accomplishments

- Some Executive format courses in the Post-Master's DNP program were changed to an online format with only two class meetings in response to student concerns.
- The Post-Baccalaureate DNP: Primary Care program will graduate its first DNPs in 2011.
- The Post-Baccalaureate DNP: Acute Care program will graduate its first DNPs in 2011.
- The Nurse-Midwifery/Woman's Health Nurse Practitioner Program will admit its first DNP students in the coming academic year.
- The Nurse-Midwifery/Woman's Health Nurse Practitioner Program has met the goals of the HRSA grant and incorporated several cross-cultural learning experiences into the program.
- The College of Nursing continues its participation in the Graduate Center at Dixie College.
- A proposed new subspecialty Acute Care PNP was presented to the Graduate School Council and the Board of Regents.
- Funding for graduate student support was received in the form of an award for an Advanced Education Nursing Traineeship.

Course Changes

- FPMD 6150 now N7505 Biostatistics - Moved into College of Nursing from Public Health. Delivered in completely on-line format for MS-DNP students.
- N6240 Clinical Genetics now taught by College of Nursing faculty rather than faculty from other departments, increasing clinical applicability.
- N7500 Evidence Based Practice II (moved to blended on-line/executive format).

Table 6. Master's & DNP Enrollment and Graduates by Specialty 2009-10

Program	Average Age	Gender (M/F)	Applicants	Admitted	Graduates
FNP	34	4/19	37	23	11
PNP	34	1/3	7	4	0
ANP/GNP	41	2/6	15	8	0
Psychiatric/Mental Health NP	35	3/11	19	14	1
Acute Care NP/CNS	34	5/8	14	13	5
CNM/WHNP and WHNP Bridge	32	0/6	7	6	5
Informatics	39	3/12	15	15	2
Clinical Nurse Leader	46	0/3	3	3	1
MHA/DNP	43	0/3	3	3	30
MS -DNP	46	2/16	21	18	29
Teaching Nursing	39	0/10	11	10	7
Gerontology Interdisciplinary	40	0/4	4	4	8

Table 7. Certification Exam Pass Rates 2005 - 2009

	2005	2006	2007	2008	2009
FNP	100% (15/15)	100% (24/24)	100% (19/19)	100% (9/9)	100% 21/21
Acute Care NP	75% (3/4)	100% (6/6)	85.7% ** (6/7)	*	88%
Adult NP	*	*	*	100% 1/1	100% 2/2
Psychiatric/Mental Health	66% (2/3)	80% (4/5)	33.3% (1/3)	*	*
Pediatric NP	*	100% (3/3)	100% (1/1)	100% 4/4	100% 2/2
Neonatal NP	100% (9/9)	100% (9/9)	100% (5/5)	100% 4/4	*
Nurse Midwives	100%	100%	100%	100%	100%
Women's Health NP	100%	100%	100%	100%	100%

* No candidates

** One passed on second attempt

Trends in Graduate Course and Instructor Evaluations (MS, DNP & PhD)

Figure 5. Course Evaluations 2006-2010 (Scale 0-6)

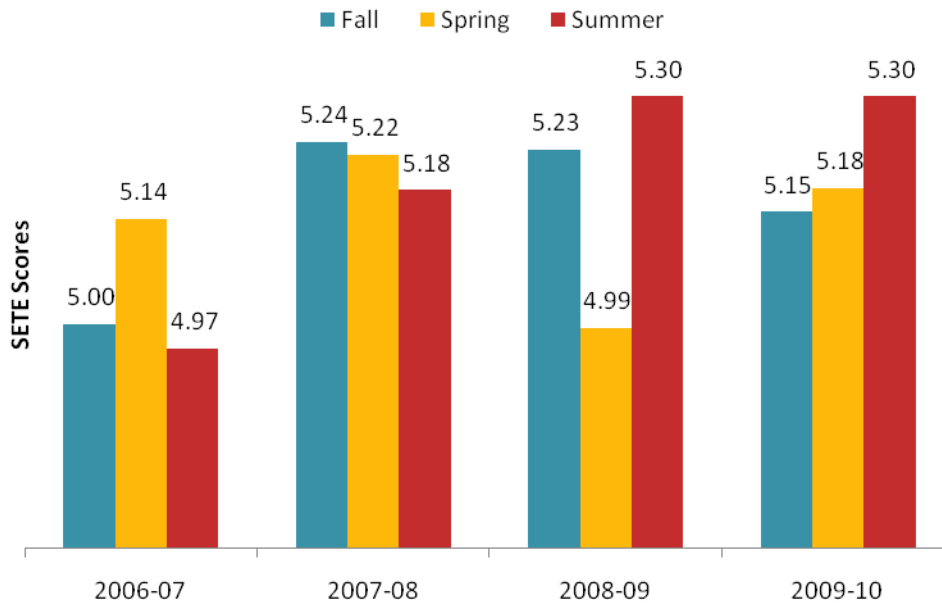
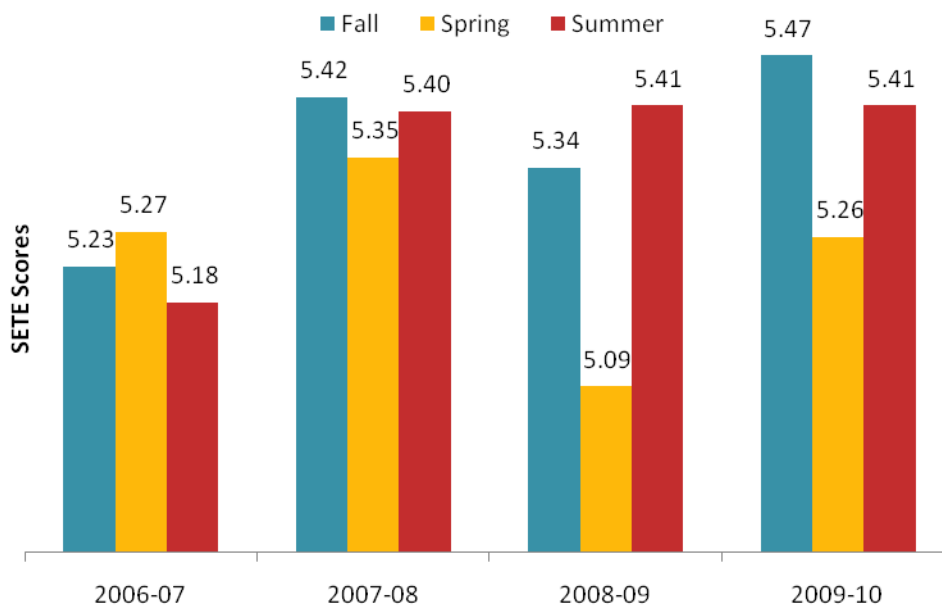


Figure 6. Instructor Evaluations 2006-2010 (Scale 0-6)



Gerontology Interdisciplinary Program (GIP)

Accomplishments

- The Gerontology Interdisciplinary program is leading the way in developing and expanding “open access” materials in tandem with Creative Commons licensing with educational materials that are made available to faculty and students and to the community (and at-large public) through the leveraging of Equella (in connection with Blackboard learning/content management systems) and

the repository system via USpace. The GIP has begun to upload materials and we are showcasing several videos on the topic of aging via our website.

- The Gerontology Interdisciplinary Program continued to create fundamental substance to the concept of “interdisciplinarity” via the expansion of courses that integrate concepts, theories, and methods from various disciplines, professions, and specialties and we have implemented a key strategic goal that targets all theses and projects at the Master’s Degree level to indicate interdisciplinarity in the final presentation project and evidence of interdisciplinarity in the final written project.

Enrollment

MS Applicants	MS Admits	MS Total Enrollment	MS Graduates
4	4	15	8

In addition, 19 Gerontology certificates were awarded (17 post-MS and 2 post-BS).

Recruitment Activities

Guest lectures in other departmental classes; sustained contact with departmental advisors across campus; flyers and e-mail campaigns each term – prior to the next term with course information; web site maintenance; Gerontology booth presence at “major day” and other events across campus; connections with Utah Aging Alliance; presence and booth at Association of Gerontology in Higher Education (AGHE) conferences; membership with AGHE; building formal agreements (MoU) with other related departments in health sciences and across campus.

New Offering

The Gerontology Program has gained approval from The Graduate School to offer an *emphasis* within the Graduate Certificate Program with the focus on Geriatric Care Management. This emphasis represents an interdisciplinary and inter-professional perspective and in essence - existing courses are now sequentially aligned and integrated to offer the student an organized approach to the domain of geriatric care management. This will be offered through Professional Education and with our traditional outreach strategies.

Trends in Gerontology Course and Instructor Evaluations

Figure 7. Course Evaluations 2006-2010 (Scale 0-6)

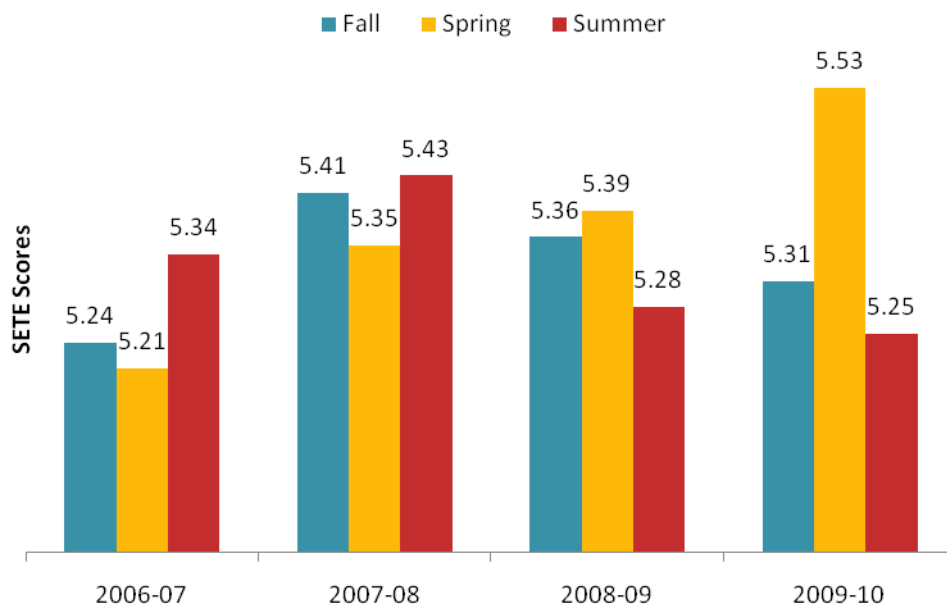
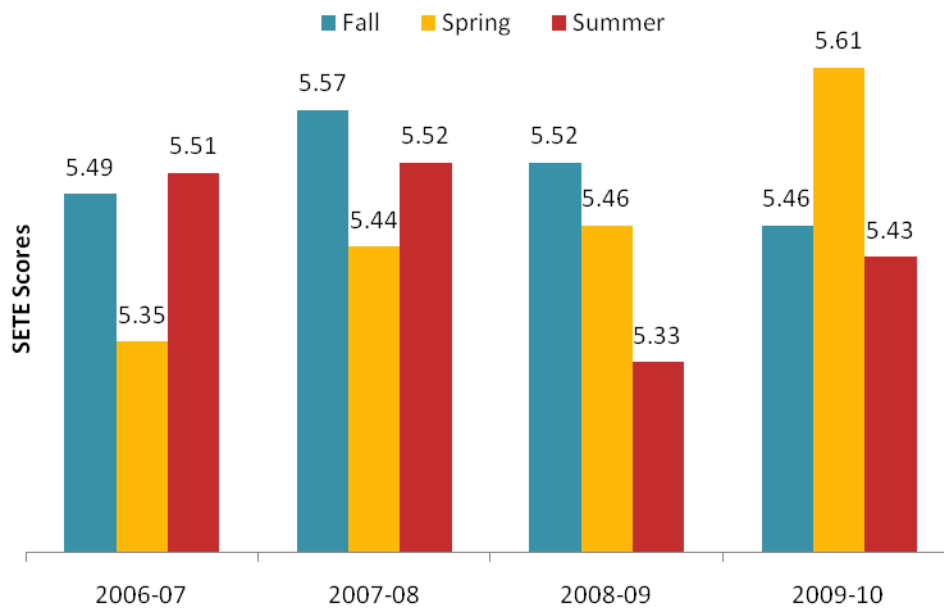


Figure 8. Instructor Evaluations 2006 – 2010 (Scale 0-6)



PhD Program

Major Accomplishments:

- Collaborated with the Hartford Center on the recruitment and admission of 2nd gerontology-focused specialty cohort (n=10 offered admission); simultaneous recruitment and admission of non-specialty cohort (n=7 offered admission). 15 new PhD students across two cohorts will begin the program fall 2010.
- 2nd gerontology-focused cohort will pilot inclusion of BS-PhD distance student.
- Sponsored three 1-week on-campus intensives for three PhD cohorts (August 2009, October 2009, May 2010).
- Facilitated Gerontological Association of America (GSA) conference-based learning experience (Gerontology-focused cohort November 2009) and WIN conference attendance for two PhD cohorts (April 2010).
- Voted to admit 4th oncology-focused specialty cohort fall 2011. Recruitment postcards printed and heavy recruitment through ONS and alum beginning April 2010.
- Fall 2011 cohort will be a pilot to accept applicants from non-US time zones, if applicable.
- Thesis Release (PhD graduates)
 - a. Summer 2009: 3 graduates
 - b. Fall 2009: 2 graduates
 - c. Spring 2010: 1 graduate

Table 8. Doctoral Applicant Profile 2009-10

	MS - PhD	Total
Number of Applicants	12	12
Number Offered Admission	9	9
Number Accepted Admission	9	9

Table 9. Doctoral Admission Profile 2009-10

	MS – PhD (M/F)	Total (M/F)
Gender	0/9	0/9
Mean Age	44	44
%Hispanic or non-white	33% 3 Hispanic or non-white	33% 3 Hispanic or non-white
Average GRE	V = 490 Q = 491 AW = 4.2	V = 490 Q = 491 AW = 4.2
Average BS or MS GPA	3.79 (MS)	3.79 (MS)

Courses Approved

- No new courses approved

Course Revisions

- NURS 7777 Synthesis revised to align with the new NIH grant submission requirements

Quality Indicators and Outcome Measures**Table 10. Doctoral Student Graduation Data 2009-10**

	Oncology Distance	Hartford	MS - PhD	BS - PhD	Total
Number of Graduates	3	N/A	2	N/A	5
Average Time to Completion (yrs)	5.5	N/A	7.8	N/A	6.44
Dropped/Withdrew	0	0	1	0	1

Table 11. Doctoral Student Progression Data 2009-10

	Oncology Distance	Hartford	MS - PhD	BS - PhD	Total
Number Enrolled 2009-2010	11	9	21	8	47
Finished Core Coursework by 5/2010	0	0	0	0	0
Admitted to Candidacy by 5/2010	5	0	1	0	0
One year post-synthesis without defense/qualifying exam	0	0	2	0	2
More than one year post- synthesis without proposal defense/qualifying exam	1	0	2	0	3
0-5 years in program	9	9	21	7	46
6-10 years in program	2	0	0	1	3

Table 12. Doctoral Student Accomplishments 2009-10

Category	Total
Articles	1
Articles in press	4
Abstracts	13
Abstracts under review	4
Book Chapters	3
Book Chapters in press	1
Conference Symposium	12
Honors & Awards given	7
Manuscript Editing (Journal under review)	2
Paper Presentations	6
Presentations to Scholars/Teachers/& Administrators	4
Presentations to Public	2
Poster Presentations	19
Admitted to PhD Candidacy	6
Service Activities	21
Successful Dissertation Defenses	3
Thesis Release (Graduate)	6

Table 13. Student Scholarships / Grants 2009-10

	Awarded
American Cancer Society	8
California State University Chancellor's Doctoral Incentive Program (CDIP)	1
College of Nursing Summer Scholarships	2
George S. and Delores Doré Eccles Graduate Fellows	12
Hartford Foundation Building Academic Geriatric Nursing Scholar Award (BAGNC)	1
Lawson Graduate Fellows	4
Mr. & Mrs. Donald Keough Nursing Research Scholarship	1
NIH- funded Harvard Study for World Health Organization's Integrated Management of Childhood Illness	1
Noorda Geriatric Nursing Scholars Program	9
ONS 10 th National Conference on Cancer Nursing Research Scholarship	1
Utah NP Scholarship for Doctoral Studies	1

Table 14. Active Funded HRSA & Various Training Awards 2009-10

Funding Period	PI and Title	Funding Agency	Direct Costs	
			Requested	Awarded
07/01/08-06/30/11	Clark: NEXUS-The Nursing Education Exchange	Oregon Health & Science University/HRSA BHP, D09HP09070	\$32,931	\$32,931
07/01/09-06/30/12	Dyer: Utah's NMW & WHNP Education for Six Western States	HRSA BHP, D09HP00082	\$890,032	\$890,032
07/01/06-06/30/10	Fuller: Rural NP Workforce Solution for Addiction/ Substance Abuse Across the Lifespan	HRSA BHP, D09HP07315	\$731,505	\$731,505
07/01/08-06/30/11	Groot: Distance Education for Advanced Practice Psychiatric Nursing	HRSA BHP, D09HP09360	\$692,118	\$692,118
09/01/07-08/31/12	Johnson and Stovall: Veteran's Affair Nursing Academy	Department of Veterans Affairs	\$3,500,000	\$3,500,000
07/01/06-12/31/09	Pepper: Enhanced RN Credentials - Geriatric Care and Leadership	HRSA BHP, D62HP01910	\$557,350	\$473,747
10/01/07-09/30/10	Pepper: University of Utah Hartford Center for Geriatric Nursing Excellence	John A. Hartford Foundation, 2007-0064	\$907,937	\$909,091
09/01/07-08/31/11	Richardson: STEP: Utah Engineers – A Statewide Initiative for Growth	NSF, DUE0652982	\$20,413	\$20,413

RESEARCH

Major Accomplishments and Overview

Three themes characterized the progress in the research mission of the College of Nursing in the 2009-2010 fiscal year: 1) sustained high levels of extramural grant application activity, 2) increasing momentum in quality indicators and funding of extramural research submissions, and 3) strategic development to address impact of the evolving funding environment. The additional research support of \$100,000 provided annually by the Senior Vice President for Health Sciences over the past several years, in addition to 15% recovered indirect costs provided to the College, supported development of major applications for research funding that will substantially impact the research funding profile beginning in the upcoming fiscal year. These newly-funded projects will provide the necessary foundation for other initiatives such as T32 and center applications that will move the College to the next level of national recognition and achievement in research.

General benchmarks

The number of extramurally funded projects increased by 45% from 11 in 2008-2009 to 16 this fiscal year (Table 1), although projected direct research expenditures for this fiscal year (Figure 1) decreased by 5% compared to actual expenditures in 2008-2009. This decline in expenditure has three major sources: (1) many of the new projects were modest foundation grants that provide limited salary support, but nonetheless provide valuable pilot work for future applications, (2) several major projects have come to an end this fiscal year, and (3) new projects started later in the year or were in start-up phases so expenditures were low and/or primarily for external contracts initially.

NIH has ceased to publish funding rankings of departments and universities, so the Academic Analytics report provided by the Graduate School was the only national benchmarking of research and scholarly activities available this year. Although directed at evaluation of scholarly infrastructure for research doctoral programs and not reflecting research funding, the Academic Analytics report includes measures of publications, citations, and awards that are important quality indicators of research. The College of Nursing ranked in the top 50 schools in 8 of 9 indicators with an overall rating of 34 of 99 nursing programs in the US and 13 of 57 programs ranked at the University of Utah.

Figure 9. Direct Research Expenditures FY07-10

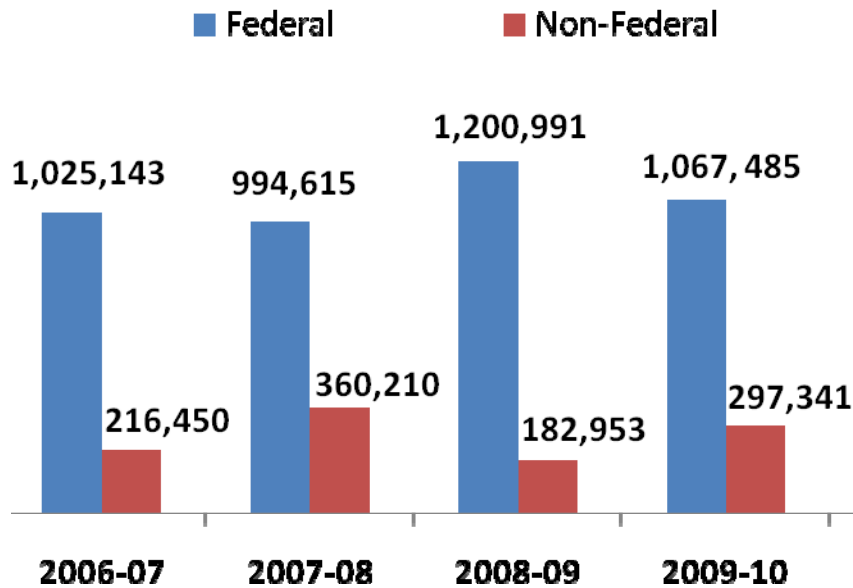


Table 15. FY10 Active Funded Research Awards

Funding Period	PI and Title	Funding Agency	Direct Costs	
			Requested	Awarded
06/01/07-05/31/10	Beck: Targeted, Tailored and Timely (T3) Symptom Management for Prostate Cancer	National Institutes of Health – National Cancer Institute, R21CA120896	\$275,000	\$230,701
11/01/07-10/31/09	Beck: Pain & Nursing Care Quality: Does Certification Make a Difference?	Oncology Nursing Society Foundation	\$53,639	\$53,639
10/01/08-09/30/09	Beck: Measuring Care Quality and Pain Outcomes in Hospitalized Veterans	VA Salt Lake City	\$46,000	\$46,000
09/01/04-06/30/10	Caserta: Dual Process Intervention for Recently Bereaved Spouses	National Institutes of Health – National Cancer Institute, R01AG023090	\$1,951,076	\$1,822,964
09/01/09-08/31/10	Clark: Yes We Can	University of Utah Research Foundation	\$25,000	\$22,400
03/01/08 – 08/31/09	Clayton: Emotional and Physical Responses to a Follow-Up Medical Visit for Breast Cancer Survivors	University of Utah Research Foundation	\$29,376	\$26,000
06/01/09-02/28/11	Doig: Identifying the Cognitive Dimensions of Failure to Rescue	National Patient Safety Foundation	\$86,950	\$86,950
07/01/04-06/30/10	Ellington: A Biopsychosocial Approach to the Analysis of Cancer Genetics Communication	American Cancer Society, MRS04-208-01-CPPB	\$633,004	\$600,840
07/20/07-05/31/11	Ellington: Predictive Modeling of Call Outcomes to Poison Control Center Recommendations	National Institutes of Health – National Institute of Nursing Research, R01NR010119	\$750,000	\$746,755
07/01/08-06/30/10	Ellington: Hospice Nurse-Caregiver Communication	Cancer Control and Population Sciences Program – Huntsman Cancer Institute	\$31,200	\$31,200
09/24/07-07/31/13	Mooney: Telephone Linked Care: An IT Enabled Integrated System for Cancer Symptom Relief	National Institutes of Health – National Cancer Institute, R01CA120558	\$3,548,949	\$4,062,766
05/19/10-04/30/15	Mooney: Enhancing End of Life and Bereavement Outcomes Among Cancer Caregivers	National Institutes of Health – National Cancer Institute, P01CA138317	\$5,988,828	\$4,970,727
03/13/07-02/28/10	Pearce: Expanding and Refining the Computerized Physical Activity Reporter	National Institutes of Health – National Institute of Nursing Research, R21NR010255	\$275,000	\$272,625
10/01/07-09/30/09	Pepper: Minimizing Harm from ADES by Improving Nurse-Physician Communication	VA Salt Lake City	\$32,040	\$32,040
03/01/10-02/28/12	Poynton: Supporting Continuity of Care for Poisonings with Electronic Information Exchange	Agency for Healthcare Research and Quality, R21HS018773	\$198,724	\$181,170
09/01/09 - 08/31/10	Staggers: Determining Nurses' Cognitive Support for Change of Shift Report	American Nurses Foundation, 2009-066	\$6,930	\$3,704

However, these numbers potentially under represent the accomplishments of CON faculty as many of the criteria are adjusted for size of the tenured faculty, but College of Nursing ratings were based on the publications, citations, and awards of 39 faculty, rather than specific to the subset of the 30 tenure track and research track faculty whose assignments include the research and scholarship of the College. In future years Academic Analytics has indicated that they plan to incorporate research funding as part of the dashboard and will adjust the faculty reflected to match the <18% of CON faculty involved in research-related scholarship in the College.

Grant Application Activity

Grant application activity was stable with 22 submissions both this year and last, although the cumulative direct costs requested increased by \$5.2 million (40.6%) in 2009-2010 compared to 2008-2009, even more remarkable because the large budget P01 Program Project grant was included only in the 2008-2009 tally. This substantial increase in amount of funding requested reflects stimulus funding applications, the maturation of programs of research of junior researchers who have accumulated sufficient pilot data and experience to begin to seek larger grants, and encouragement for mid-career and senior investigators to apply for larger grants. Research in communication and end-of-life care spun-off from the P01 application were another important source of applications. The data in Table 2 do not include projects submitted by other departments and the VA that include CON faculty as co-investigators and consultants, since it is difficult to track these projects in spite of the growing emphasis on multidisciplinary research and increasing inclusion of CON faculty on applications submitted by other departments. It is estimated that an additional 5-10 projects submitted outside CON that include salary funding for CON faculty are under review.

The Emma Eccles Jones Research Center support for mentoring and grant submission remain essential for ongoing development of faculty and their research programs. The Statistics Core continues to function with interim leadership and staffing during the hiring freeze. Dr. Bob Wong, a Research Assistant Professor on the CON faculty since 2006, is Interim Director of Applied Statistics, supervising 1.5 FTE of MSTAT staff and managing the statistical need of all CON projects and some projects in other departments. Seth Latimer, MSTAT was hired into the statistics team this year at 1.0 FTE funded on research grants, joining Jacquie Blaz MSTAT, funded 0.35 FTE on research projects and 0.15 FTE funded on teaching this year. Gary Donaldson, PhD, a statistician from the Pain Research Center of the Department of Anesthesiology, continues at 40% effort working with Dr. Wong on pre-application support. Although 0.15 FTE of his effort is will be supported by grants anticipated to be funded in 2010-2011, his efforts in assisting with grant preparation continue to be critical. Other grant application support include 1.0 FTE Project Coordinator to assist with preparation (Osborne), 0.4 budget support pre-submission and post award (Pianka), and 0.5 FTE administration and consultation (Pepper). In addition to substantial teaching, administrative, and grant support activity, Dr. Wong has been the voluntary University of Utah consortium facilitator for introduction of the REDCap data management system from Vanderbilt University, providing consultation and training to the Division of Emergency Medicine, College of Health, and other departments who have adopted this powerful web-based tool. Expanding use of REDCap as part of the resources of the CON research center is a priority.

Application Scoring and Funding Success

The \$8,800,000 P01 application consisting of three major research projects and an implementation core that has been in development since 2007 by Mooney and associates, Enhancing End of Life and Bereavement Outcomes Among Cancer Caregivers, was approved in February 2009 for funding by the National Cancer Institute. Investigators have revised the budget to accommodate NCIs 17% budget cut with an anticipated award and start date of April 2010.

Improved rate of funding is critical not only to sustaining the research program, but also to moving the College to the next level of development of centers of research excellence, which require several funded projects with a common theme. We anticipate we will be qualified to submit T32 and/or Center applications in 2010-2011. In contrast to limited success rates in 2008-09, faculty have seen considerable positive feedback from review groups and funding success in 2009-2010. Poynton received R21 funding from AHRQ in March, 2010 on the first submission. Morse's R01 Linkages Between the Safety of the Hospital Bed, Patient Falls and Immobility, received a score in the 9th percentile from AHRQ on first submission and will be considered by Council for funding. Several other projects including those by Ellington, Sward, Berry, and Rothwell, as well as projects submitted by other departments, have received

promising scores. Increased funding and scoring success is attributed to a number of factors initiated this year, including charettes early in proposal preparation, earlier preparation of drafts to permit review and revision, and faculty preparation for changes in the NIH peer review process.

Table 16. Research Grant Applications Submitted and Pending Review
July 1, 2010-June 30, 2011

Date	Project Director & Title	Funding Agency	Direct Costs Requested
01/22/10	Beck: Reinventing Biobehavioral Research: Breast Cancer Discovery Model	National Institutes of Health	\$9,806,597
06/01/10	Beck: Improving Pain Care and Outcomes in Partnership with the National Database of Nursing Quality Indicators	Robert Wood Johnson Foundation	\$272,046
01/15/10	Berry: Development of a Method to Promote Hospice Family Caregiver Confidence	National Palliative Care Research Center	\$139,800
07/16/09	Clark: Feasibility of a Weight Loss Program in Adults with Developmental Disabilities	National Institutes of Health	\$275,000
03/01/10	Clark: Marketing Fall Prevention Classes to Older Adults in Faith Based Congregations	University of Colorado/ National Institutes of Health	\$2,501
06/25/10	Doig and Drews: Simulation Training to Improve Task Performance and Interruption Management	Agency for Healthcare Research & Quality	\$699,790
07/10/09	Edelman: A Contextual Description of the Social, Environmental and Health Risk Factors Associated with Injuries in Rural Older Adults	University of Utah Center for Clinical and Translational Science	\$50,227
01/31/10	Edelman: Injuries Occurring to Older Adults Living in Rural Areas	Building Academic Nursing Capacity Hartford Foundation Geriatric Nursing Initiative	\$116,328
10/15/09	Ellington: Hospice Nurse-Caregiver Communication	American Cancer Society	\$112,363
04/19/10	Morgan: Individuals in the Fog Data Set Who are Defined as Well Protected	National Campaign to Prevent Teen & Unplanned Pregnancy	\$28,249
10/05/09	Morse: Linkages Between the Safety of the Hospital Bed, Patient Falls and Immobility	Agency for Healthcare Research & Quality	\$642,886
02/05/10	Morse: Improving Hospital Fall Prediction and Prescribed Interventions	Agency for Healthcare Research & Quality	\$1,572,275
03/05/10	Morse: Delineating and Supporting Strategies of Enduring	National Institutes of Health	\$1,310,332
11/13/09	Pett: We Can Too	University of Utah Interdisciplinary Program	\$12,000

07/10/09	Rodway: Arterial Compliance and Vascular Function in Patients	University of Utah Center for Clinical and Translational Science	\$11,800
11/13/09	Rodway: Arterial Compliance and Vascular Function in Patients	University of Utah Interdisciplinary Program	\$11,800
06/05/10	Rodway: Arterial Compliance and Vascular Function in Patients	National Institutes of Health	\$263,754
11/16/09	Rothwell: Newborn Screening – Assessing the Communication Process of False Positives	National Institutes of Health	\$109,379
02/12/10	Rothwell: Family Communication of Genetic Cancer Risk	National Institutes of Health	\$559,053
04/01/10	Rothwell: Family Communication of Genetic Cancer Risk	American Cancer Society	\$647,377
09/24/09	Smith: Prevention of Deep Vein Thrombosis in Foot and Ankle Injury Patients	National Institutes of Health	\$299,972
01/21/10	Staggers: Collaboration to Promote Cognitive Support for Critical Care	Columbia University/National Institutes of Health	\$280,000
07/16/09	Sward: Translating an Adult Ventilator Computer Protocol to Pediatric	Childrens Hospital Los Angeles/National Institutes of Health	\$47,337
03/05/10	Sward: Translating an Adult Ventilator Computer Protocol to Pediatric	Childrens Hospital Los Angeles/National Institutes of Health	\$47,337
07/16/09	Towsley: Assessing Preferences for Everyday Living in the Nursing Home	Polisher Research Institute/National Institutes of Health	\$63,869

Strategic Resource Development

Based on planning begun by the Research Center support staff in 2008-09, a number of activities were initiated or augmented in the College of Nursing in 2009-10 to enhance the research culture, prepare to maximize new resources in the CON building renovation, address increased competition for NIH funding, and anticipate substantial changes in NIH peer review effective in January, 2010. In addition, planning was modified to respond to American Recovery and Reinvestment Act (ARRA) opportunities. These activities, integrated with development of the 2010-2015 strategic plan by the Research Committee, included:

- Workshop during Fall Faculty Retreat on changes in peer review process and CoN grant support
- Workshop in January 2010 updating changes in peer review and CoN procedures
- Supported submission of at least eight training, construction, and research ARRA grants with very short submission timelines
- Initiation of charettes (brainstorming sessions early in grant conceptualization)
- Enhancement of research seminar series as part of College of Nursing Seminar Series each Friday with 25 seminars and attendance of 315 summed across live and synchronous webcast. In addition, seminars were archived on the website (16 research seminars with 196 attendance).
- Monthly or bi-monthly Research Bulletin sent to faculty with information on research and training funding opportunities, conferences, and calls for abstracts (18 bulletins total)
- Two research strategic planning retreats

As part of the strategic planning, members of the Research Committee are proposing revisions to the grant incentive program to reward success as well as activities that promote success (e.g., charettes for early brainstorming, timely drafts provided for extramural review) and other activities that will reverse a culture of last minute application development that has developed in the College. Other themes in the strategic planning to date were team science and activities to promote innovation and impact. Strategic planning activities will continue through the remainder of the fiscal year.

2009-2010 Research Indirects Reinvestment Expenditures

Additional indirect funds received for 2009-2010 were expended for seed grant funding, visiting scholars, statistical team support, summer scholarship institute rewards, research incentive funding and affinity group funding. In 2009 the Summer Scholarship Institute (SSI) had 19 participants in the publication arm, resulting in \$16,166 in incentive payments and 14 publications submitted, of which 7 have been accepted or published to date. One participant in the research arm of the SSI has completed pilot work and submitted abstracts for publication as part of the SSI contract. The total 2009 pay-out for the grant submission incentive program and F& A sharing for 2008-2009 grant activity declined by 50% from 2008 to \$34,984, reflecting the trend last year toward smaller grants and delayed expenditures on some grants. Indirect cost sharing paid to faculty in 2009 was The Research Committee awarded start-up funding and a charter to the Women's Health Research Affinity Group (WHRAGs) and four research projects (Staggers/Clark, Groot, Rodway, Rothwell) for a total of \$18,901.

INFORMATION & TECHNOLOGY

Goals for the Information and Technology area include; 1) support simulation-based learning and research opportunities, 2) enhance education and program evaluation through the use of state-of-the-art information technology, 3) provide technical support and assistance for faculty and staff for distance learning delivery, and 4) provide administrative systems that improve service and efficiency.

Simulation Center & Student Computer Lab

The Intermountain Health Care Simulation Learning Center now has a new director, Carolyn Scheese. All SLC operations staff have also been placed under her. The Simulation Learning Center (SLC) was successfully relocated back in to the new College facility from the 540 Arapeen location. Work on the new simulation curriculum and immersive simulation scenarios have also continued. This work has been led by Dr. Allen Hanberg. Dr. Hanberg has been working with a team including four clinical faculty who will also be working in the new lab running the various simulation scenarios and performing the debriefing exercises with students in a concierge style model. This team also continues to work on the integration of the Cerner AES Electronic Health Record (EHR) management system.

The SLC is heavily utilized within the College of Nursing, and is an integral part of the undergraduate curriculum. There are 64 students enrolled in each of the first, second and third semesters averaging 144 hours per week in the SLC. Another 12-15 students enrolled in the NP program with Dr. Blaine Winters spend 30 hours per semester using the simulation center. Resources used depend on the semester and program, and cover the full range of simulation available in the College from specific task training to full patient immersion.

A new smaller computer lab was created on the second floor of the newly renovated building. The lab is open access and is not be staffed. The computers are 'frozen' using a program called Deep Freeze so that every night they return to their original state independent of what students may change on them during the day. This aids in the stability and functionality of the computer lab. Approximately 150 students used the lab for 45 hours per week during the past academic year. Integration and use of the new facilities and audio/visual systems are now in progress.

Teaching with Technology

The 2009-2010 academic year saw a significant increase in the use of synchronous education delivery through both videoconferencing and Wimba among graduate programs at the College: PhD, DNP, and Psych/Mental Health.

As a part of the move out of the College of Nursing building, all videoconference distance education technologies were relocated to facilities within the Health Sciences Education Building. Three rooms are dedicated to the College of Nursing for this purpose: 3850, 4100A and 4100D. Support for the equipment in these rooms is provided by the HSEB support staff, and ownership of the equipment is retained by the CoN Information and Technology office. These rooms are also scheduled through the Astra system. Other rooms in HSEB used for distance classes include 4100C and 5100C.

The programs continue to use different technologies and employ different distance education strategies ranging from entirely distant with each student attending from their own location, to a mixed distance delivery method with some students attending as a group from the Dixie College facility, to a more hybrid course with a larger group of students attending on campus with a small number of students attending through the bridge service. During the Summer 2009 semester there were 8 courses taught through Polycom with a total of 76 student bridge connections. During Fall semester 2009 there were 9 courses taught with a total of 86 bridge connections. During Spring semester 2010 there were 10 courses taught with a total of 100 bridge connections. This volume shows a 203.1% increase over the 2008-2009 academic year. In addition, the UTN bridge service was heavily used during the year for dissertation defenses, classroom breakout sessions, individual teacher-student mentoring, and student-student interaction.

The College continues to use the Utah Telehealth Network (UTN) bridge service and the Polycom videoconference software to teach courses. Support and monitoring of bridged courses has been transitioned to UTN, so that the College no longer must provide a dedicated technical to listen live to

courses. In conjunction with this videoconference technology, Wimba is used to teach specific software applications such as SPSS and also to show multimedia presentations, share desktop applications, and do PowerPoint presentations. Wimba is used in some courses as the primary means of distance education delivery because it has the ability to transmit a single video feed that all participants may view as well as share desktop applications. Wimba has also been used for division meetings within the College.

All courses taught within the College are enhanced through online learning resources. The use of Blackboard Vista (WebCT) enables students to view their syllabus, receive and submit assignments, and interact asynchronously with their faculty and other students online. Several courses within the College are taught entirely through this medium. Support for the Blackboard Vista service is provided through the TACC office as well as internally through the Information and Technology office.

IT/Computer Support

The Information and Technology office, in conjunction with the entire relocation team, successfully coordinated and executed the relocation of computers and phones back to the renovated College of Nursing building including many telecommuting faculty. This was done with minimal to no interruption in network and phone service. The IT office has returned to the standard support model of using the ITS help desk and dedicated desktop support.

The IT office continues to work with ITS to utilize shared support services such as the IT help desk, network support, desktop support, server and data administration to provide technical assistance to College of Nursing faculty, staff and students.

FACULTY PRACTICE / SERVICE

The College of Nursing's practice plan and practice sites are essential to its education and research missions. In addition, all of the College's practices exist to showcase excellence in advanced practice nursing and to maintaining financial viability. All of the College's faculty practices sites provide interdisciplinary practice experiences and educational opportunities. The College has 35 faculty practicing in 13 faculty practice arenas and 25 sites. A summary of the practice activities follows

Utah Juvenile Justice System

The College was awarded a three-year contract to provide healthcare services for the Utah Juvenile Justice System from July 1, 2008 – June 30, 2011. Medical and nursing services are provided at the following six sites: Salt Lake Valley Detention Center, Genesis Youth Center, Wasatch Youth Center, Observation and Assessment, Decker Lake Youth Center and Millcreek Youth Center in Ogden (psych only). Services are provided by Jennifer Clifton, DNP, FNP, Barbara Holstein, MS, FNP and Sam Vincent, MS, Psych NP. Mr. Vincent provides psychiatric evaluations and medication management at the Wasatch, Decker Lake and Millcreek youth centers. These sites provide educational and clinical opportunities to College students and School of Medicine residents. Dr. Nikki Mihalopoulos participates in this contract at ten hours per week for medical care, consultation and resident education.

Contracted Positions

- Mary Hall, MS, PNP, provided services at the UUHSC Westridge Clinic at 25% time until December 31, 2009. Ms Hall resigned her position with the CON to initiate a phased retirement.
- Julie Steele, MS, FNP, provides services at the South Main Clinic at 80% time. Ms. Steele is contracted to the Department of Pediatrics to assist with the Foster Care Children's Program. This agreement includes all of Steele's salary and benefits. It is an important pediatric primary care education site for the College's students. Ms. Steele's Pediatric care services have expanded to include a ½ day per week at ARTEC and ½ day per week at Salt Lake Valley Detention Center to care for children who are in the custody of the Department of Family and Child Services (DCFS).
- Geeta Maharaj, DNP, PNP, provides services at the Christmas Box House Clinic at 10% time. Maharaj is contracted to the Department of Pediatrics to assist Julie Steele with the Foster Care Children's Program. The letter of agreement includes all of Maharaj's salary and benefits. It is an important pediatric primary care education site for the College's students.
- Erin Wright, MS, WHNP, provides services for the Department of Obstetrics and Gynecology in outpatient clinics at 90% time. This letter of agreement includes all of Wright's salary and benefits. This is an important woman's health education site for the College's students and provides for excellent collaboration with the Department of OB/GYN.
- Katie Morgan, DNP, WHNP, provides services for the Department of Obstetrics and Gynecology in the pelvic pain clinic at 10% time. This letter of agreement includes all of Morgan's salary and benefits. This is an important woman's health education site for the College's students and provides for excellent collaboration with the Department of OB/GYN.
- Susan Hall, DNP, WHNP, provides services for the Department of Obstetrics and Gynecology in the South Main outpatient clinics at 10% time. This letter of agreement includes all of Hall's salary and benefits. This is an important woman's health education site for the College's students and provides for excellent collaboration with the Department of OB/GYN. Dr. Hall provides prenatal care to women with drug addictions in conjunction with a perinatologist. She interacts with Salt Lake Valley Behavioral Health providers to insure mental health services are also provided for these high risk women.
- Ginger Marshall, MS, APRN, provides services for the Palliative Care Program at University of Utah Hospital 100% time. Marshall is contracted to the Department of Internal Medicine to provide patient care services and assist in growing the Palliative Care Program. The letter of agreement includes all of Marshall's salary and benefits plus a \$1,000 CEU benefit. This is an education site for the Adult, Critical Care and Family Nurse-Practitioner students. Ms. Marshall has submitted a letter of resignation effective 6/30/2010 from her faculty position at the College.

She will transition to school of medicine staff on July 1, 2010 and continue to provide clinical mentoring for College APRN students.

- Holli Martinez, MS, APRN, provides services for the Palliative Care Program at University of Utah Hospital 100% time. Martinez is contracted to the Department of Internal Medicine to provide patient care services and assist in growing the Palliative Care Program. The letter of agreement includes all of Martinez's salary and benefits plus a \$1,000 CEU benefit. This is an education site for the Adult, Critical Care and Family Nurse-Practitioner students. Ms. Martinez has submitted a letter of resignation effective 6/30/2010 from her faculty position at the College. She will transition to school of medicine staff on July 1, 2010 and continue to provide clinical mentoring for College APRN students.
- Blaine Winters, DNP, APRN provides services as an Acute Care Nurse Practitioner for the Trauma Service team at 50%, under the direction of Dr. Steve Morris. Winters is contracted to the Department of Surgery, Trauma Team to provide care and coordination services for inpatient traumas and out patient follow-up. The letter of agreement includes all of Winter's salary and benefits plus a \$1,000 CEU benefit. This is an education site for the Adult and Critical Care Nurse-Practitioner students.
- Lucy Leaver, MS, FNP, GNP provides care at the Veterans Hospital, Red Clinic at 50% as a faculty exchange program between the Veterans Administration and the CON. The letter of agreement includes all of Leaver's salary and benefits. It is an important family and geriatric nurse practitioner care education site for the College's students. Secondary to changes at the VA Ms. Leaver's position will be dissolved as of June 30, 2010. APRN students from the College will continue to have the VA as an educational site with other VA APRN providers.
- Katherine Supiano, MS, LCSW, provides care at the Veterans Hospital, at 20% as part of a faculty exchange program between the Veterans Administration and the CON. Supiano introduced the Caring Connection grief groups to the VA system and has trained group facilitators to initiate and ongoing program at the VA. The letter of agreement includes 20% of Supiano's salary and benefits. This program has been successful in assisting the VA to establish their own grief groups, therefore this 20% contract will end on June 30, 2010.
- Michael Johnson, MS, Psych NP, provides services for the MEG lab and Department of Psychiatry at 60% time. Mr. Johnson's specialty is Tourette's syndrome and he is considered one of the state's leading experts in the field. Johnson's letters of agreement include salary and benefits.

Psych / Mental Health

- Ann Hutton, PhD, APRN, Psychiatric/Mental Health Nursing faculty member, practices 25%. She provides individual and family counseling services. Her practice office is located at 375 Chipeta Way in Research Park. The practice provides learning experiences for second-year psychiatric nurse practitioner master's students. Dr. Hutton's practice generated a profit of \$6,236.
- Katherine Supiano, MS, LCSW provides private counseling for those patients who are unable to resolve their grief in group settings. Her practice office is located at 375 Chipeta Way in Research Park. Ms. Supiano's practice generated a profit of \$85.

Caring Connections

Katherine Supiano, MS, LCSW, directs Caring Connections: A Hope and Comfort in Grief Program that was established in 1997 and is a joint effort of the College of Nursing and the University of Utah Hospitals and Clinics. Every family of a patient who dies in University Hospital receives a bereavement care call from Caring Connections staff. In each of these 480 calls per year, condolences are offered, guidance is given and referral information is provided as needed. Our quarterly newsletter is distributed to 1,200 mailing and 900 electronic addresses per issue. Caring Connections has over 6,000 personal contacts per year, and is a visible and respected service of the College, hospital and university. Caring Connections serves nearly 300 group participants yearly. The cost of an 8 week grief support group is \$50, and we offer scholarships to those who cannot afford this cost. We are now offering scholarships to 60% of our support group participants. Supiano trained VA facilitators to increase the number of grief group offerings through the VA system.

Caring Connections provides training for graduate students in nursing, social work and genetic counseling, preparing students to serve as group co-facilitators. We have expanded our involvement in training first year medical students (Social Medicine course) as they participate in the inpatient palliative care program and in grief support activities. Our research activities this year have included a qualitative study of suicide survivors, a study on the impact of our grief support program for widows of veterans, and a 3 year study of changes in self-report of distress in grief group participants. Research findings will be presented at 2 regional and 2 national professional meetings this year, and have resulted in 2 publications in professional journals.

Student Health Center

Four faculty providers practice at the University of Utah Student Health Center. Salary support is provided by transfer of funds from the Vice President for Student Affairs. The College provides 20% FTE support at a cost of \$16,140 in return for teaching in the classroom setting. Direct salary support provided by the Vice President for Student Affairs for the four nurse practitioner providers 3.3 FTE, is \$264,299

BirthCare HealthCare (BCHC)

The College Nurse-Midwifery (CNM) and Women's Health Nurse Practitioner (WHNP) faculty continue to provide obstetrical and women's health care services at the Ellis R. Shipp Clinic, Teen Mother and Child Program, Clinic 4 and the Madsen Clinic. BirthCare HealthCare represents and fulfills all missions of the College. All babies are delivered at University Hospital and current projections will put us on target for about 450 births this FY.

- Woman and Children's Health Care Consortium
A team from OB/GYN, Pediatrics and the College has been meeting one - two times per month since May 2005. This multidisciplinary consortium has stabilized into an efficient workgroup representing each of the three entities and provides an interface between the University and the Salt Lake Valley Health Department. This year we invited the College of Social Work into our collaboration to establish a clinical educational site for bachelors and masters social work students. This collaboration has been very successful and we plan to increase Social Work involvement in 2010-11.
- Ellis R. Shipp Clinic
The contract with the Salt Lake Valley Health Department (SLVHD) to provide women's health services at the Ellis R. Shipp (ERS) Clinic was extended to a three-year renewable agreement. The current contract was re-negotiated in Feb 2010 and will run for three years beginning July 1, 2010. Secondary to budgetary issues within the SLVHD we were forced to accept a rent clause in our new contract. Years one through three will levy a \$5,000, \$7,500 and \$10,000 space charge respectively. The population the College serves at the ERS clinic provides cultural and ethnic diversity experiences for College students that are not available at other sites. The College was awarded a \$32,800 grant from the Utah State Health Department to assist with the salary of a bilingual receptionist and billing clerk. The funding is effective July 1, 2009 through June 30, 2010. The Utah State Health Department Rural health grant was applied for and will be received for next the next fiscal year. Exact funding is pending.
- Teen Mother Program (TMC)
The College provides services for TMC patients in a fee for service model. The new arrangement with the Department of Pediatrics provides for an interdisciplinary model of service where the Department of Pediatrics provides all pediatric care to the Children of TMC patients and the College provides all antepartum, intrapartum, postpartum, family planning and gynecologic care for the TMC population. TMC creates a challenging and unique learning environment, giving students the opportunity to work in an interdisciplinary setting. The Centering Pregnancy Model of Care continues to be a successful and popular model of care at Teen Mom and will be in a featured Baby Your Baby spot for KUTV.
- Clinic 4 and Madsen Clinic
Clinic 4 and the Madsen Clinic serve an insured and Medicaid population that represents about 30% of the College's outpatient business. MGMA patient satisfaction benchmarking data from Madsen clinics consistently rank BCHC providers in the 90%-100% range-indicating an "excellent" rating.

Operational indicators show billings of \$1,500,000 from July 1, 2009 – June 30, 2010. This represents a negative 9.3% variance in charges. Net Payments as of June 2010 are \$916,296 representing a 6.7% positive variance or an additional profit of \$57,100. Financial statements regarding payer mix indicate about a 3.5% increase in insured contracts (mainly Blue Shield) and a 3.5% decrease in self pay, while Medicaid has remained fairly stable.

Table 17. Faculty Practice Revenue

	FTE	Revenue
Palliative Care (Marshall, Martinez)	2.00	\$211,248
OB/Gyn (S. Hall, Morgan, Wright)	1.10	122,000
Pediatrics (Steele, Maharaj)	0.90	96,071
Gen Surg (Winters)	0.50	48,932
Psychiatry (Johnson)	0.60	55,039
Student Health (Cutting, Kilgore, Kirby, Martin)	3.30	264,299
Westridge Clinic-Peds (M. Hall)	0.25	8,240
BCHC Ellis Shipp Clinic	2.35	231,733
BCHC Madsen	1.35	264,969
BCHC Clinic 4	1.55	199,453
BCHC South Main	1.30	168,646
Mental Health NP (Hutton)	0.25	42,345
Mental Health NP (Supiano)	0.10	9,081
	15.55	\$1,722,056
Juvenile Justice System Healthcare (Clifton, Vincent, Holstein, Mihalopoulos)	1.5	841,330
Total	17.05	\$2,563,386

Figure 10. Clinical Practice Revenue Growth FY 2005 – 2010

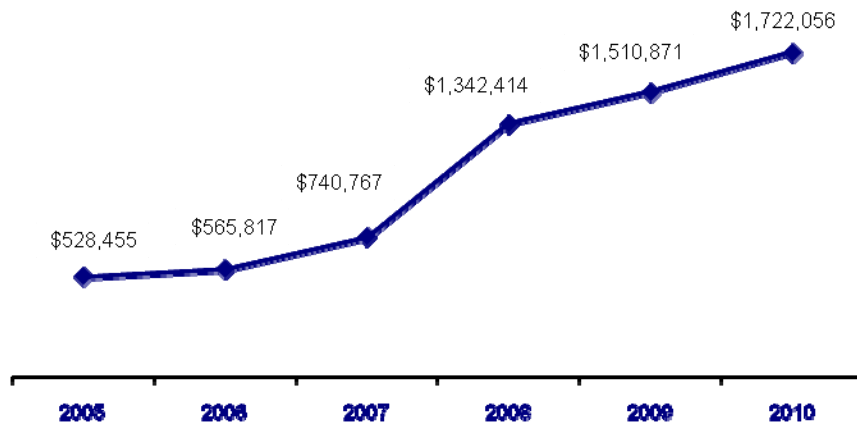


Table 18. Practice Grants & Contracts 2009-10

Funding Period	PI and Title	Funding Agency	Direct Costs	
			Requested	Awarded
11/28/08-05/31/09	Cohen: Evaluation of three models of care for births in Mexico	National Institute of Public health of the United Mexican States	\$23,800	\$23,800
07/01/08-06/30/09	Roberts: Birthcare Healthcare at Ellis R. Shipp	Utah Dept. of Health, <i>Grant # 091147</i>	\$32,832	\$32,832
07/01/08-06/30/11	Roberts: Juvenile Justice Teaching Contracts	Utah Dept. of Human Services, <i>Contract # 090295</i>	\$2,521,200	\$ 2,527,278
01/01/09-12/30/09	Roberts: Pregnancy Centering at Ellis R. Shipp and Teen Mom	Episcopal Diocese of Utah	\$20,000	\$20,000
07/01/09-06/30/10	Roberts: BirthCare Health Care at Ellis R. Shipp	Utah Department of Health Grant # 101290	\$32,832	32,832

OUTREACH

The international activities of the College include exchanges with the following countries: Thailand, Mexico, Kenya, Peru, Cuba, Ghana and Sweden. Community service provided by students totaled approximately 2,110 hours. The Bennion Center tools for evaluation and risk management of Academic Service Learning (ASL) courses and the format of a GAP Evaluation was adopted for our ASL program. A special section in the registration process was created for students choosing the ASL option in the four ASL courses. The special section registration will facilitate student tracking and faculty planning for ASL experiences. The tables below summarize the student international exchange and academic service learning experiences.

Table 19. International Student Exchange 2009-10

Country	to/from	Dates	Students	Faculty	Organization
Thailand	to	June 2009	1		YouthLINC
Mexico	to	June 2009	5		YouthLINC
Kenya	to	June 2009	3		YouthLINC
Peru	to	June 2009	1		YouthLINC
Mexico	to	October 2009	3	2	UNAM
Cuba	to	March 18 – 25, 2010	3	2	Cultural, Health, Humanitarian
Ghana	to	June 2010	7	2	Global Health Alliance
Mexico	from	May – August 2009	2		UNAM
Sweden	from	October/November 2009	2		Malmo University

Table 20. Student Community Service 2009-10

Site/Organization(s)	Students	Average hours/student	Total hours
American Red Cross, SLC Chapter	3	59	177
Brighton Gardens	4	30	120
Care Source Home Health and Hospice	17	37	629
DDI Vantage	1	69	69
Family Support Center	13	30	390
Homeless Teen Shelter	3	30	90
TRAILS, U of U Rehabilitation Center	6	30	180
UNP Hartland Partnership Center	4	30	120
Utah AIDS Foundation	2	61	122
Utah Pride Center	1	31	93
Volunteers of America	4	30	120
		TOTAL	2,110

DEVELOPMENT / PUBLIC RELATIONS / ALUMNI

The College of Nursing Office of Development consists of Dinny Trabert, Development Director, Katie Schrier, Manager, Public Affairs and Special Events, and Sue Onwuegbu, Program Manager. The main focus of the Development Office over the next 3 years will continue to be the \$25 million campaign. Phase I – the building campaign, Building for the Future of Nursing Education, included renovation of the College of Nursing building, and creation of the Intermountain Healthcare Simulation Center. As the year comes to a close and we begin to move into the building, only \$2 million remain to complete Phase I and finish our \$24 million renovation project. Phase II – the campaign for programmatic support, The Caring Continuum, is a concerted effort to increase funding for scholarships, fellowships, endowed chairs and support for all programs. The CON Development Office works directly with the University Central Development Office and the Health Sciences Development Office on campaign strategy.

Alumni Activities

Alumni Association Board Members 2009-2010

Ben Becker, President	Stacie Pearce
Joyce Gamble	Gretchen Ratzlaff
Christy Loarson	Ally Dang Ruiz , Past President
Deena Lofgren	Dianne Stewart
Brenda Luther	Chris Stratford
Kevin Martin	Melanie Wolcott-Klein
Faculty Representatives:	Mary Gibson
	Donna Richards
Student Representatives:	Heather Bowers
	Thomas Chan

Specific Activities and Major Accomplishments of Alumni Board

The 16th Annual Honors for Nursing Recognition and Reception

- The *16th Annual Honors for Nursing* was held May 11, 2010 at Little America Hotel in downtown Salt Lake City. In an effort to further promote the nursing profession, the level of sponsorships were renamed this year and the mid-level sponsorship increased by \$500.
- This year's sponsors included the following:

Champions of Nursing	\$5,000 –MountainStar Healthcare; Diana and Joel Peterson; The Semnani Family Foundation; Wells Fargo Bank, N.A., Zions Bank in partnership with Greg and Teresa Curtis
Friends of Nursing	\$3,000 – Jane and John Coats; Suzanne and Aaron A. Hofmann, MD; Intermountain Healthcare; Julia and Hugh West, MD; Judy and John Zone, MD
Supporters of Nursing	\$2,500 - Johnson & Johnson \$1,500 – EnergySolutions; Doralee Madsen; Workers Compensation Fund

Additional Contributors included – Jody and Michael Farley, MD; Connie and Frank Madsen; Moving Memories Production, Danette Clements & Angie Knight; Nailed; TLC Impressions; Westates Theatres

- Once again the College of Nursing clinical preceptors were honored and thanked for the contributions of their time and expertise to the College's undergraduate and graduate programs. More than 600 nurses and supporters of nursing were nominated and 450 plus nominees and guests attended the recognition dinner.
- A new addition this year as one of the incentives for being a *Champions of Nursing* or *Friends of Nursing* sponsor was for them to recognize two nurses (Champions level) or one nurse (Friends level) of their choice in a Glimpses of Caring video tribute. The video was shown during the recognition dinner program. An ad thanking Champions of Nursing sponsors appeared after the event in both the Salt Lake Tribune and the Deseret News as another incentive to sponsor at the Champion of Nursing level.
- This year's Dare to Care Award recipient was Lisa Bagley, MSN, RN, CRRN. Ms. Bagley has clocked many volunteer hours with the Healing Hands for Haiti organization of which she is one of the founding members.
- Proceeds this year exceeded \$30,000 which was well above previous years.

Career Fair

- The Career Fair was held on Thursday, February 18, 2010. The Health Sciences Education Building was once again the venue. Seven (7) agencies registered and participated. Program areas from the College of Nursing also participated. Student attendance was significant and the vendors continue to express their satisfaction with the number of students they were able to talk with. Faculty encouraged their students to participate and provided time for them to do so. Several faculty also took time to greet and welcome the vendor representatives.

Phonathon

- Alumni giving was up from 2009. It was nice to see that giving continues even after many alumni had given to the "Designed to the Nines" campaign earlier in the year. There were 128 new first time alumni donors this year. The Dean and the Development Office called to thank those who gave over \$100 to and letters were sent from the College of Nursing.
- The total number of dollars pledged was \$17,444.30.

Decades of Caring

- Because of the poor response and attendance at the last Decades of Caring event, the Board did not hold this event this year. The Alumni Relations Committee met several times to discuss ways to reach out to alumni and find out the kind of events they'd like to see the College and Alumni Association Board plan and put on. Alumni teas at various healthcare facilities were planned but never held.

Public Relations

Date	Piece/Story	Source
Jul/Aug 2009	Preparing More Nurses for Utah	Health Pulse Taping
Aug, 2009	Health Care Heroes - Utah Business: Nominated Kathie Supiano for HCH Award. Selected and featured in August 2009 issue of magazine	Utah Business Magazine
Sep 2, 2009	Front page article – Sudden Death Book	Daily Utah Chronicle
Sep 23, 2009	Kathie Supiano, Health Care Hero	Bio-Medicine News
Sep 25, 2009	Kathie Supiano, Health Care Hero	Medical News Today
Sep 25, 2009	Kathie Supiano, Health Care Hero	Psydir News
Sep 28, 2009	Kathie Supiano, Health Care Hero	The Daily Utah Chronicle
Oct 19, 2009	Seminar Series	The Daily Utah Chronicle
Nov 1, 2009	Patricia Berry FAAN	U Alumni Association Newsletter

Dec 28, 2009	Patricia Berry FAAN	ADVANCE for Nurses
Jan, 2010	Patricia Berry FAAN	Oncology Nursing Forum
Jan 7, 2010	Winter 2010 Caring Connections Grief Groups	Deseret News article
Jan-09	Nightingale Centennial	Deseret News article
Feb 23, 2010	Bullough Lecture	Channel 2 Clip
Feb 23, 2010	Bullough Lecture	Daily Utah Chronicle - Radio Interview
Mar 15, 2010	Rice Endowed Chair in Healthy Aging	SL Tribune article: front page, local
Mar 28,2010	Caring Connections HFA Teleconference	Fox 13 Video/Interview
May 5, 2010	Veterans Article	Nurse Zone
May 18 2010	Seeds of Remembrance	Deseret News article
May 18, 2010	Seeds of Remembrance	Fox 13 clip
May 18, 2010	Seeds of Remembrance	Channel 4 clip

Development and Fundraising

Development Board Members 2009-10

Chair: Barbara Polich

Alicia Bremer	Georgianna Knudson
Jane Coats	Norma Matheson
Teresa Curtis	Joanne McGillis
Tim Dee	Bonnie Newman
Michael Dunn	Mike Pazzi
Nancy Giles	Chase Peterson
Melissa Hansen	Lesli Rice
Joan Jacobson	Alene Russon
Patricia Kipp	

Campaign Co-Chairs: Annette Cumming and Barbara Polich

Barbara Polich continued as Chair for the 2009-2010 year with Alicia Bremer as the Chair-elect.

Specific Activities and Major Accomplishments of Development Board

The goal of Phase I, *Building for the Future of Nursing Education*, is to raise funds for the renovation of the building and the creation of the Simulation Center. The goal of Phase II, *The Caring Continuum*, is to raise funds for scholarships and programs in the College of Nursing. The campaign began in July 2005 and will continue until June 2013 in conjunction with the overall University campaign, *Together, We Reach*.

The main objective for the Development Board during the academic year 2009-2010 was to use the various campaign tools developed the previous year (The Caring Continuum DVD, Case Statement and the color-coded donor booklet) to present to various individuals for both phases of the campaign.

Maureen Keefe and Dinny Trabert met with half of the board members individually in order to identify prospective donors and create a strategic plan. The members they met with were: Alicia Bremer, Annette Cumming, Teresa Curtis, Michael Dunn, Georgianna Knudson, Norma Matheson, Joanne McGillis, Bonnie Newman and Barbara Polich. The results of these one-on-one meetings were:

1. Specific plans were made to meet key donors for naming opportunities in the building, and a list was compiled of prospective donors to be cultivated for student and program support once Phase I is complete.
2. Chase Peterson joined Bud Mahas and a guided tour of the building helped finalize his planned gift for an endowed chair in the College.

3. Barbara Polich and Norma Matheson invited Jim Lee and Bob Graham to tour the College of Nursing building as members of the Gillmor Foundation. As a result, the Gillmor Foundation gave \$20,000 towards nursing scholarships.
4. Barbara Polich joined Leissa Roberts and Dinny Trabert in a meeting with Stephen Hutchison and David Bailey of the Episcopal Diocese. They asked us to submit a similar proposal for the BirthCare HealthCare Program for \$20,000 which they funded.
5. With the help of Teresa Curtis, Jane Coats, Georgianna Knudson and Michael Pazzi, we received four new sponsorships for Honors for Nursing: The Semnani Family Foundation, Wells Fargo Bank, Zions Bank, and Dr. and Mrs. Hugh West.
6. Proposals are pending to Lindquist Mortuary and Regence BlueCross BlueShield from leads given to Maureen and Dinny from Bonnie Newman and Alicia Bremer.
7. A new campaign was developed by Michael Dunn, *Designed to the 9s*, which brought in funding from 76 new donors and raised over \$11,000 for the building.

The Development Board was also educated throughout the year through several presentations from faculty and students: *Healthcare Reform in Utah* – Kim Wirthlin, *Geriatric Nurse Leader and The Hartford Center* – Ginette Pepper, *The Simulation Program Model* – Allen Hanberg, *CON DNP Program* – Dianne Fuller with Tek Kilgore and Kelly Wosnik, *What It Means To Be an Endowed Chair Holder* – Susan Beck, *Enhancing End of Life and Bereavement Outcomes Among Cancer Caregivers* – Kathi Mooney, and *College of Nursing Outreach to Cuba and Chiapas, Mexico* – Penny S. Brooke.

Development Events

Coordinating events is a major component of raising funds for and awareness of the College of Nursing. Through events we are able to educate community leaders and top donors who might not otherwise know much about the College or the nursing profession. In 2009 – 2010, each event was designed to meet the needs of a specific audience and develop relationships with: alumni, faculty and staff; nursing professionals and other health care delivery systems; individuals, foundations and corporations in the community, and donors to the University and College of Nursing. Events that were held this year included:

1. Women Interested in Nursing (WIN) Seminars during fall and spring semesters – October 29, 2009 – *The Flu and You: What You Need to Know Heading into Cold and Flu Season*, and May 17, 2010 – *Nurturing the Roots of Positive Mental Health*
2. Caring Connections Events: November 11, 2009 – *Grief and the Holidays* with a panel including Norma Matheson, and May 18, 2010 – *Seeds of Remembrance* featuring Vicki and A.J. Walker, victims of the Trolley Square Shooting
3. The 8th Bonnie and Vern L. Bullough Endowed Lectureship was held on February 23, 2010 in Rice Eccles Stadium Tower in conjunction with the celebration of Florence Nightingale's 100 year anniversary of her death. Barbara Dossey was the guest speaker and spoke on *How Our Past Can Energize Our Future: Florence Nightingale, and Integral and Holistic Nursing*. This event was presented by the U. College of Nursing, BYU and Intermountain Healthcare and the live webcast was sponsored by 10 nursing programs throughout Utah. We had over 300 from the nursing profession join us for this event.
4. The Rice Endowed Chair Event was held on April 12, 2010 at the Alta Club to honor the Rice Family for their gift and to announce Michael Caserta as the inaugural chair holder of the Robert S. and Joyce T. Rice Endowed Chair in Healthy Aging in the College of Nursing. All endowed chair donors and holders were invited to the event and 40 people attended.

FACULTY AND STAFF

Faculty: Recruitment and Retention

Reductions in state funding and payments from endowment funds have slowed the hiring of tenure-track faculty positions and required the elimination of some clinical track faculty positions. Three existing clinical track faculty were interviewed and recommended for tenure track appointments. With planned faculty retirements in the next one to two years, our goal for the coming year is to increase the number of diverse tenure track faculty through targeted recruitment and retention.

This past year we addressed some of our most critical needs for senior leadership positions within the College. Interim Director of Applied Statistics, Bob Wong was appointed to the position with a five year contract. A national search was conducted for a senior faculty to assume the Rice Presidential Endowed Chair and Mike Caserta was appointed.

Due to the faculty shortage in nursing, the national competition for top-quality doctorally-prepared faculty has intensified and the market is much more competitive. Retention concerns mount as funding has not been available for merit. As educational programs, grant activity and clinical practice have evolved to year round activities, we have convert all faculty salaries to the 12 month budget model in the coming year. Faculty teaching or working in only two semesters will become .75 FTE.

College Administrative Organization

Table 21. College of Nursing Faculty Profile 2005 - 2010*

College of Nursing Faculty Profile					
	2005-06	2006-07	2007-08	2008-09	2009-10
Tenure Track (T/TT)	27	28	30	30	28
Full Time Clinical & Research Tracks	42	48	57	61	49
Part Time Clinical & Research	24	28	26	27	24
TOTAL	93	104	113	118	102

* As of February 3, 2010 – 61% of full-time faculty are doctorally prepared
 Does not include VANA, VAMC, UHOSP
 Part Time is less than 75% FTE
 Dean not included, includes sabbaticals & LOA

The following personnel actions were recommended by the faculty and approved by University administration during the 2009-10 Academic Year:

New Appointments, Tenure Track (3)

Jane Dyer	Assistant Professor	HSCBC
Allen Hanberg	Assistant Professor	ACC
Lauri Linder	Assistant Professor	ACC

New Appointments, Clinical Faculty (2)

Lisa Barnes	Instructor (Clinical)	HSCBC
Tiffany Lundeen	Instructor (Clinical)	HSCBC

Resignations, Paid Faculty (9)

Lucy Leaver	Instructor (Clinical)	ACC
Virginia Marshall	Instructor (Clinical)	ACC
Holli Martinez	Instructor (Clinical)	ACC
Rebecca Burrage	Assistant Professor (Clinical)	HSCBC
Shahnaz Moezzi	Assistant Professor (Clinical)	HSCBC
Alice Parkinson	Assistant Professor (Clinical)	ACC
Geeta Maharaj	Assistant Professor (Clinical)	HSCBC
Paula Siciliano	Assistant Professor (Clinical)	HSCBC
Nancy Staggers	Professor	HSCBC

Retirements, Paid Faculty (3)

Elizabeth Harald	Assistant Professor (Clinical)	ACC
Sandra Haak	Associate Professor (Clinical)	ACC
Mary Duffy	Professor	HSCBC

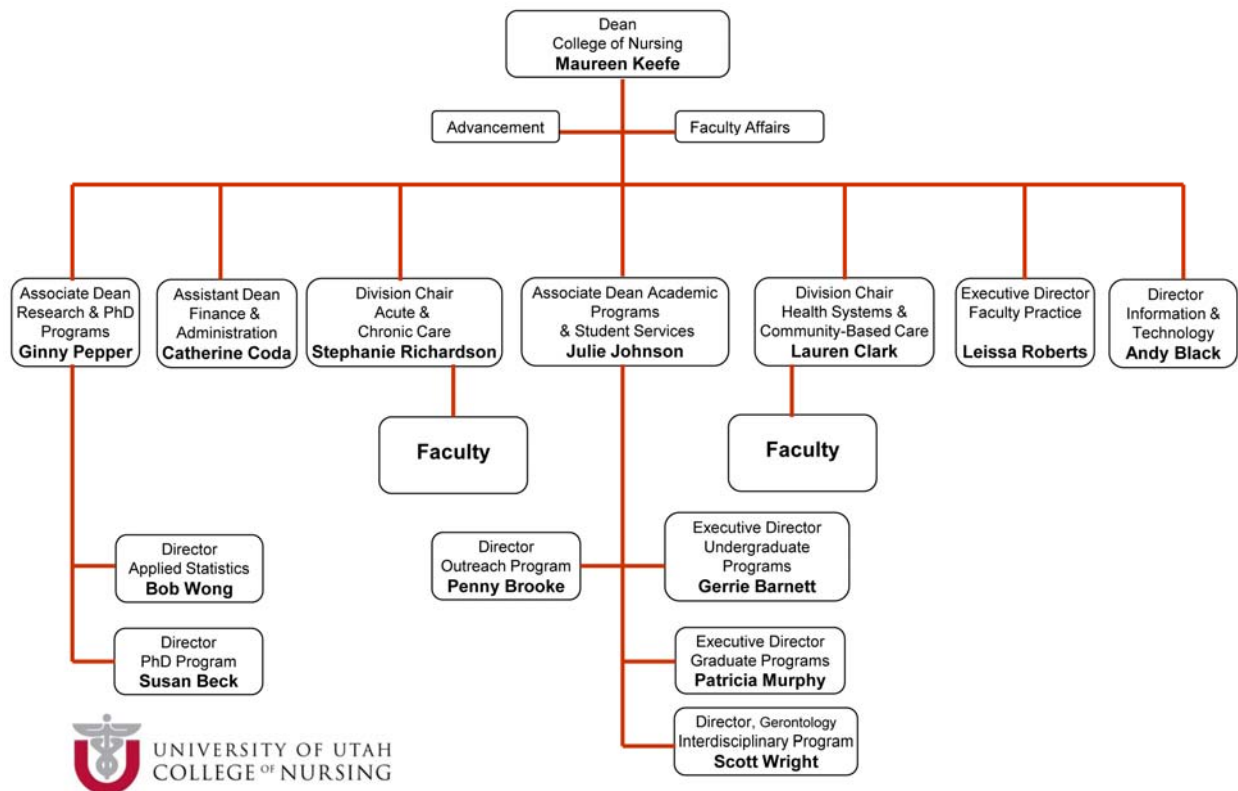
Promotion and Tenure (5)

Susanna Cohen	Assistant Professor (Clinical)	HSCBC
Julie Steele	Assistant Professor (Clinical)	HSCBC
Joanne Haefele	Associate Professor (Clinical)	HSCBC
Gillian Tufts	Associate Professor (Clinical)	HSCBC
Helen Zsohar	Professor (Clinical)	HSCBC

Post-Tenure Reviews (1)

Stephanie Richardson	Associate Professor	ACC
----------------------	---------------------	-----

Figure 11. College of Nursing Organizational Chart 2009-10



DIVISION OF ACUTE AND CHRONIC CARE

Overview and Actions

Division Chair: Stephanie Richardson, PhD, RN, Associate Professor

The ACC Division is currently comprised of 59 faculty:

Full Time: 38 – Tenured: 7, Tenure Track: 5, Clinical Track: 24, Research: 2

Part Time: 21 – Tenured: 2, Clinical: 18, Research: 1

The ACC Division retirements, resignations and non-renewals:

- Sandra Haak, PhD, APRN, Associate Professor (Clinical)
- Elizabeth Harald, PhD, RN, Assistant Professor (Clinical)
- Lucy Leaver, MS, APRN, Instructor (Clinical)
- Virginia Marshall, MSN, APRN, ACHPN, Instructor (Clinical)
- Holli Martinez, DNP, RN, MSN, CHPN, Instructor (Clinical)
- Alice Parkinson, MS, APRN, PP, Assistant Professor (Clinical)

Research and Scholarship: According to travel fund disbursement, 17 requests were filled for travel to professional meetings for scholarly presentations. Division members were responsible for 36 publications during 2009. One member received a Distinguished Nurse Researcher Award from the American Cancer Society. Three members were accepted into post-master's educational programs, one into a DNP program and one into the College's PhD program.

Teaching: Four division members who were instrumental in Baccalaureate Essentials curriculum revision task force work transitioned onto the seven-member Steering Committee. Two ACC members were Banner Carriers at Convocation.

Faculty Mentorship: A bi-division group mentoring program was established to assist five pre-tenured Division members. The Moving Along in your Academic Career (MAAC) group met monthly to establish mentoring needs and goals and implement a series of conversations about mentoring models, career trajectories and goals, and review and promotion expectations.

Faculty Development: Working closely with the Associate Dean for Research, the Division Chairs organized, coordinated, and supported a Seminar Series for faculty to showcase their scholarly and teaching expertise. Six ACC division members presented topics throughout the academic year. Individual faculty annual goals were written according to the College's criteria for rank and percent assignment. The division had a 100% success rate with CV revision and posting and completion of the FAR tool and all met with the chair for an annual performance review. Division goals were created, modified as a group, and posted on a shared drive. Goals were reviewed at each division meeting, held via distance technology during our relocation while remodeling the College.

Administrative Assistant Support: The division continues to provide all exam/ test preparation services and book orders for both divisions and all baccalaureate programs excepting Gerontology. The division also provides support for the Outreach and Academic Service Learning (ASL) programs. A reallocation of the Outreach and ASL programs should be considered for 2010.

Faculty Accomplishments 2009

Publications

Susan L. Beck

Beck, SL, Berger, AM, Barsevick, AM, Wong, B., Stewart, K, Dudley, WN. (2009). Sleep quality after initial chemotherapy for breast cancer. *Supportive Care in Cancer* Epub 2009 June 12

Beck, SL, Towsley, GL, Caserta, MS, Lindau, K, Dudley, WN. (2009) Symptom experiences and quality of life of rural and urban older adult cancer survivors. *Cancer Nursing* 32(5): 359-369

Brown, CB, Beck, SL, Peterson, DE, McGuire, DB, Dudley, WN, Mooney, KM (2009). Patterns of sore mouth in outpatients with cancer receiving chemotherapy. *Supportive Care in Cancer* 17(4), 413-428.

Brown, CB, McGuire, DE, Peterson DB, Beck, SL, Dudley, WN, Mooney, KM (2009) The experience of a sore mouth and associated symptoms patients with cancer receiving outpatients chemotherapy. *Cancer Nursing* 32 (4); 259-270

Mitchell, S, Kline Leidy, N, Mooney, KH, Dudley, WN, Beck, SL LaStayo, P et al (2009) Determinants of functional performance in long-term survivors of allogeneic hematopoietic stem cell transplantation with chronic Graft-versus-Host Disease (cGVHD). *Bone Marrow Transplant*. Epub 2009 Oct 2

Beck, SL, Pierotti, D, Somayaji, D. (2009) Advancing oncology nursing science: Focus on nursing sensitive patient outcomes. In J.M. Phillips & C. R King (Eds). *Advancing Oncology Nursing Science*. pp. 371-390 Pittsburgh, PA. ONS Press

Mitchell, SA, Beck, SL. (2009) Fatigue in L. H. Eaton & J. M. Tipton (Eds) *Putting Evidence into Practice: Improving Oncology Patient Outcomes* pp. 149-172 Pittsburgh, PA. ONS Press

Patricia H. Berry

Berry PH (2009). Management of other symptoms at end of life. In M. Ersek (Ed.), *Hospice and Palliative Nursing Assistant Core Curriculum*. (2nd ed.), Pittsburgh, PA: Hospice and Palliative Nurses Association, 21-32.

Clark, JM, Berry PH, McSteen K, Fabrey LJ. (2009). Reviewing and Revising the Blueprint for the Advanced Practice Hospice and Palliative Nurse (ACHPN) Certification Examination: A National Practice Analysis. *Journal of Hospice and Palliative Nursing*, 11, 362-9.

Margaret F. Clayton

Clayton, MF; Dudley, WN; (2009) Patient-Centered Communication during Oncology Follow-up Visits for Breast Cancer Survivors: Content and temporal structure. *Oncology Nursing Forum* 36(2) Online Exclusive E69-79

Hay, J; Harris, J; Waters, E; Clayton, MF; Ellington, L; Abernathy, A; Prayor-Patterson, H (2009). Personal communication in primary and secondary cancer prevention: Evolving discussions, emerging challenges. *Journal of Health Communication*, 14 Suppl 1, 18-29

Sheldon, L. K., Ellington, L., Barrett, R., Dudley, W. N., Clayton, M.F., & Rinaldi, K. (2009). Nurse responsiveness to cancer patient expressions of emotion. *Patient Educ Couns*, 76(1), 63-70

Wujcik D., Shyr Y., Li M., Clayton M.F., Ellington L., Menon U, Mooney K. (2009). Delay in Diagnostic Testing after Abnormal Screening Mammography in Low Income Women. *Oncology Nursing Forum* 36(6) 709-715

Clayton, MF (2009) Revision and Update of Instructor Resources: PowerPoint Slides (for 47 chapters) to accompany: McCance, KM. & Huether, S. & Pathophysiology: The Biologic Basis for Disease in Adults and Children 6th Edition. Elsevier.

Lee Ellington

Ellington, L, Kennedy Sheldon, L, Matwin, S, Smith, JA, Poynton, M, Crouch, BI, & Caravati, EM (2009). An Examination of Adherence Strategies and Challenges in Poison Control Communication. *Journal of Emergency Nursing*, 35, 186-190.

Hay, J, Harris, J, Waters, E, Clayton, M, Ellington, L, Abernathy, A & Prayor-Patterson, H (2009). Personal communication in primary and secondary cancer prevention: Evolving discussions, emerging challenges. *Journal of Health Communication*, 14(Suppl 1), 85-94.

Quillin, JM, Tracy, K, Ancker, J, Mustian, K, Ellington, L, & Viswanath, V (2009). Healthcare system approaches for cancer patient communication. *Journal of Health Communication*, 14(Suppl 1), 85-94.

Roter, DL, Erby, L, Larson, S & Ellington, L (2009). Oral literacy demand of prenatal genetic counseling dialogue: Predictors of learning. *Patient Education and Counseling*, 75, 392-397.

Sheldon, L.K., Ellington, L., Barrett, R., Clayton, M.F., Dudley, W.N. & Rinaldi, K. (2009). Nurse responsiveness to cancer patient expressions of emotion. *Patient Education and Counseling*, 76, 63-70.

Wujcik D, Shyr Y, Li M, Clayton MF, Ellington L, Menon U, Mooney K (2009). Delay in Diagnostic Testing after Abnormal Screening Mammography in Low Income Women. *Oncology Nursing Forum*, 36, 709-715.

Kathleen H. Mooney

Brown, C.G., Beck, S.L., Peterson, D.E., McGuire, D.B., Dudley, W.N., Mooney, K.H. (2009) Patterns of Sore Mouth in Outpatients with Cancer Receiving Chemotherapy. *Support Care Cancer*. 17(4):413-428, Epub 2008 Oct. 7

Brown, C.G., McGuire, D.B., Peterson, D.E., Beck, S.L., Dudley, W.N., Mooney, K.H. (2009) The Experience of Sore Mouth and Associated Symptoms in Patients with Cancer Receiving Outpatient Chemotherapy. *Cancer Nursing* 32(4):259-270.

Wujcik, D, Shyr, Y, Clayton, MF, Ellington, L, Menon, U, Mooney, KH (2009) Delay in Diagnostic Testing After Abnormal Screening mammography in Low Income Women. *Oncology Nursing Forum*. 36(6):709-15.

Ginette A. Pepper

Scott-Cawiezell, J., Madsen, R. W., Pepper, G. A., Vogelsmeier, A., Petroski, G., & Zellmer, D. (2008). Medication safety teams' guided implementation of electronic medication administration records in five nursing homes. *Joint Commission Journal on Quality and Patient Safety*. 35 (1), 29-35.

Sanborn, M.D., Moody, M. L., Harder, K. A., Pepper, G. A., Scanlon, M. Vaida, A.J., Zugic, M. (2009). Second consensus development Conference on the Safety of Intravenous Drug Delivery Systems--2008. *American Journal of Health Systems Pharmacy*, 66: 185-192.

George W. Rodway

Grocott, M.P., Martin, D.S., Levett, D.Z., McMorrow, R., Windsor, J.S., Montgomery, H.E., Caudwell, Xtreme Everest Research Group [Rodway, G., group investigator] (2009). Arterial blood gases and oxygen content in climbers on Mount Everest. *N Engl J Med*, 360, 140-149.

Rodway, G., Hoffman, L.A., Choi, J. & Sethi, J. (2009). Exhaled nitric oxide in the diagnosis and management of asthma: Clinical implications. *Chronic Respiratory Disease* 6:19-29.

Rodway, G.W. (2009). Ulrich C. Luft and physiology on nanga parbat: the winds of war. *High Alt Med Biol*, 10, 89-96.

Windsor, J.S., & Rodway, G.W. (2009). English air--the story of the 1922 Mt Everest oxygen apparatus. *Wilderness Environ Med*, 20, 83-88.

Windsor, J.S., Firth, P.G., Grocott, M.P., Rodway, G.W., and Montgomery, H.E. (2009) Mountain Mortality – A Review of Deaths that Occur During Recreational Activities in the Mountains. *Postgraduate Medical Journal*, 85:316-321.

Windsor, J.S., Hart, N., Rodway, G.W. (2009). Muehrcke's Lines on Mt. Everest. *High Alt Med Biol*, 10, 87-88.

Windsor, J.S., Van der Kaaij, J., Rodway, G.W., Mukherjee, R., Montgomery, H.E. (2009). Sudden cardiac death in the mountain environment. *Med Sport* 13(4), 197-202

Windsor, J.S., van der Kaaij, J., Ellerton, J., Oxer, H., Hillebrandt, D., Rodway, G. (2009). Methoxyflurane as an analgesic for prehospital use at high altitude. *High Alt Med Biol*. 10:201-2.

Windsor, J.S. and Rodway, G.W. (2009). Safety and success on Kilimanjaro. *Union Internationale des Associations d'Alpinisme*, https://www.theuiaa.org/upload_area/files/1/Kilimanjaro-UIAA.pdf.

Sandra L. Smith

Friddle, K., Smith, S. L. (2009). A simulation study of gel pillow conductance. *Advances in Neonatal Care*, 9(5), 240-248.

Jones, J. G., Smith, S. L. (2009). Shock in the neonate. *Journal of Perinatal Neonatal Nursing*, 23(4), 346-354.

Presentations

Susan L. Beck

4/2009 Invited Presentation: Enhancing Academic Partnerships: the VA Nursing Academy Western Institute of Nursing Conference, Salt Lake City, UT

5/2009 Hogg, LH, Donohue, RB, Beck, S, Marsee, VD, Otte, DM, & Tranin, AS. Development of nursing-sensitive quality measures for breast cancer using ONS putting evidence into practice (PEP®) resources. *Oncology Nursing Forum*, 36(3), 16-17.

2009 Guo, J. W., Wong, B., & Beck, S. Using computerized tailored questionnaires for symptom assessment and coping strategies evaluation in nursing research. *Studies in Health Technology and Informatics*, 146, 856-857.

- 2009 Guo, JW, Pett, M, Beck, SL, Towsley, GL, Brant, J, Smith, EL, Berry, P. Confirmatory Factor Analysis of the Pain Care Quality Survey (PaNCQ) Society for Behavioral Medicine Rapid Communication Posters Montreal, CA
- 2009 Pepper, G., Beck, SL, Mooney, K, Clark, L. Keefe, M. Enhancing Diversity of Nursing Faculty American Academy of Nursing Annual Meeting, Atlanta, GA.
- 4/2009 Symposium Presentation: Gear Up!: Implementing a Targeted and Tailored Intervention Trial. Western Institute of Nursing Conference, Salt Lake City, UT.
- 2009 Joyce M, Beck S, Doig A, Meek P, Patrick-Miller L, & Pett M. Psychosocial correlates of dyspnea: dimensions in lung cancer. Oncology Nursing Forum, 36(3), 36-36. (Invited to Advanced Nursing Research Session)
- 2/2009 Mitchell S, Leidy NK, Mooney K, Dudley W, Beck S, LaStayo P, Krumlau M, Avila D, Blacklock-Schuber B, Li L, Pavletic S. Determinants of functional performance in long-term survivors of allogeneic hematopoietic stem cell transplantation (allo HSCT) with chronic graft versus host disease (cGVHD). 10th ONS Research Conference Proceedings, Orlando, FL.

Patricia H. Berry

- 9/2009 Guo, J., Pett, M., Beck, S., Towsley, G., Smith, E.L., Brant, J. & Berry, P. Confirmatory Factor Analysis of the Pain Care Quality Survey (PAIN-CQ). Society of Behavioral Medicine Annual Meeting
- 11/2009 "Pain Research Gone Bad: Confessions from Someone Who Should have Known Better. Gerontological Society of America 62nd Annual Scientific Meeting".
- 11/2009 Pepper, G.A., Berry, P.H., Flattes, V.J., Abramson, J., Enhancing Basic and Advanced Geriatric Nursing Competence as part of the symposium Increasing Geriatric Nursing Capacity: Academic Exemplars. Paper presented at the Gerontological Society of America Conference, Atlanta, GA.

Margaret F. Clayton

- 3/2009 Clayton, MF; Dudley, WN; "Patient-Centered Communication during Oncology Follow-up Visits for Breast Cancer Survivors". BCN (BreastCancer.Net) News
- 5/2009 Clayton, MF; Dudley, WN. The Content and Structure of Oncology Office Visits During Breast Cancer Survivorship. 10th National Conference on Cancer Nursing Research in Orlando, Florida.
- 4/2009 Laura McGraw-Anderson; Hannah Davidson; Clayton, MF; "Recruitment Strategies for Video-Recorded Studies" 42nd Annual Communicating Nursing Research Conference, Annual WIN Assembly Salt Lake City UT.
- 4/2009 Clayton, MF; Sahn, S; Wong, B. "Decision-Making Role Preferences among Family Practice Patients" 42nd Annual Communicating Nursing Research Conference, Annual WIN Assembly, Salt Lake City UT.
- 2009 Clayton, MF; Sahn, S; Wong, B. "Decision-Making Role Preferences Among Family Practice Patients" Communicating Nursing Research, Volume 42 distributed on CD

Kristin Gates Cloyes

- 10/2009 Invited plenary speaker, "Patterns of recidivism and mental health treatment for people with serious mental illness: Looking for longer time out." International Custody and Caring Conference, International Association of Forensic Nurses. Saskatoon, Saskatchewan, Canada.
- 2009 Cloyes, K.G. "Patterns of psychotropic medication youth in a youth prison: Thematic analysis." Western Institute of Nursing 39th Annual Communicating Nursing Research Conference, 22nd Annual WIN Assembly.
- 2009 Patterns of psychotropic medication youth in a youth prison: CHAID analysis. Podium presentation, Western Institute of Nursing 39th Annual Communicating Nursing Research Conference, 22nd Annual WIN Assembly
- 2009 Prison recidivism for women with serious mental illness: Gender matters. Podium presentation, Western Institute of Nursing 39th Annual Communicating Nursing Research Conference, 22nd Annual WIN Assembly

Alexa K. Doig

- 5/2009 Doig, A. K.. Surface Anatomy, Full day, pre-conference session at the National Teaching Institute, American Association of Critical Care Nursing, Chicago, IL.
- 2009 Doig, A. K. Improving moderate sedation practice with interactive online nursing education, Western Institute of Nursing, 42nd Annual Communicating Nursing Research Conference, Salt Lake City, UT.

- 2009 Doig, A. K., Agutter, J. A., Albert, R., Syroid, N., Berhens, M. Intensive care unit domain analysis guides monitoring display design, Western Institute of Nursing, 42nd Annual Communicating Nursing Research Conference, Salt Lake City, UT.

Lee Ellington

- 5/2009 Hart, K, Ellington, L, Brothman, A, Bayrak-Toydemir, P & McDonald, J. "Assessing the impact of molecular genetic testing for hereditary hemorrhagic telangiectasia." Poster presentation, 8th HHT Scientific Conference, Santander, Spain.
- 6/2009 Guo, JW, Poynton, MR, Matney, S, Ellington, L, Crouch, BI, & Caravati, EM. "Requirements analysis for HL7 message development in poison control center." Poster accepted for presentation at the 10th International Congress on Nursing Informatics, Helsinki, Finland.
- 6/2009 Peters, MS, Poynton, MR, Ellington, L, Crouch, BI, & Caravati, EM. "Use of standardized terminologies in the poison control setting: An analysis." Poster accepted for presentation at the 10th International Congress on Nursing Informatics, Helsinki, Finland.
- 10/2009 Ellington, L, Latimer, S, Maxwell, A, Sayin, E, Poynton, M, Bennett, H, Crouch, BI & Caravati, M. "The Predictive Role of Communication in Adherence to Poison Control Center Referrals." Poster accepted for presentation at the International Conference on Communication in Healthcare, Miami, FL.
- 6/2009 Poynton, MR, Ellington, L, Caravati, EM, Crouch, BI, & Bennett, H. "Building knowledge for poison control: The novel pairing of communication analysis with data mining methods." Paper accepted for presentation at the 10th International Congress on Nursing Informatics, Helsinki, Finland.
- 9/2009 Ellington, L. Poynton, M., Sayin, E., Latimer, S., Bennett, H., Crouch, BI, Caravati, EM. "Communication Patterns for the Most Serious Poison Center Calls." Paper accepted for presentation at the North American Clinical Congress for Toxicology in San Antonio, TX.

Kathleen H. Mooney

- 2/2009 "Challenge, Significance and Accelerating Possibility: Time for a Renaissance in Cancer Nursing Research", 10th National Conference on Cancer Nursing Research, Oncology Nursing Society, Orlando, Florida
- 11/2009 "Unrelieved Symptoms During Cancer Treatment: Is clinical inertia a factor?" Bedell Distinguished Lecture in Oncology Nursing, Norris-Cotton Cancer Center, Dartmouth College, Lebanon New Hampshire
- 2/2009 Mooney, K., Beck, S., Freidman, R., Farzanfar, R. "Improving Communication about Unrelieved Cancer Treatment Side Effects: The Telephone Linked Care System." 20th International Congress on Anti Cancer Treatment. Paris, France
- 6/2009 Mooney, K., Beck, S., Wong, B. "Negative Mood and Anxiety During Repeated Cycles of Outpatient Cancer Chemotherapy". 11th World Congress, International Psycho-Oncology Society, Vienna, Austria
- 6/2009 Mooney, K., Beck, S., Wong, B. "Symptom Predictors of Work Disruption in People Receiving Chemotherapy for Cancer." International Symposium, Multinational Association of Supportive Care for Cancer, Rome, Italy

Ginette A. Pepper

- 11/2009 Pepper G. A. "Life after tenure." Building Academic Geriatric Nursing Capacity Annual Leadership Conference, Atlanta, GA
- 2009 Pepper, G. A. In Symposium: Beyond Polypharmacy: Optimal Geriatric Pharmacotherapy. Utah Nurse Practitioners Pharmacology Conference, Salt Lake City, UT.
- 2009 Pepper, G. A. La Salle distinguished Lecture: Lessons Learned from Direct Observation of Medication Administration. La Salle University, Philadelphia, PA.
- 3/2009 Pepper, G. A., Oderda, L., Asche, C., Leipzig, R. Tasic, D. Drugs and Fall Risk: an Updated Systematic Review. Western Institute of Nursing Conference, Salt Lake City, UT.
- 4/2009 Pepper, G. A., Oderda, L., Asche, C., Leipzig, R. Tasic, D. Drugs and Fall Risk: an Updated Systematic Review. Careers in Aging Week, University of Utah College of Social Work, Salt Lake City, UT.
- 2009 Pepper, G. A., Beck, S., Mooney, K., Clark, L., Keefe, M. Enhancing diversity of Nursing Faculty. American Academy of Nursing, Atlanta, GA.
- 2/2009 Pepper G.A. & McAtee, R. Project Evaluation. Geriatric Nursing Leadership Academy. The Leadership Journey: Sharing Your Passion. Sponsored by Sigma Theta Tau International. Scottsdale AZ

- 2/2009 Pepper, G. A. Improving Team Performance. Geriatric Nursing Leadership Academy. The Leadership Journey: Sharing Your Passion. Sponsored by Sigma Theta Tau International. Scottsdale, AZ
- 2/2009 Pepper, G.A. Project Management Tools and Strategies. Geriatric Nursing Leadership Academy. The Leadership Journey: Sharing Your Passion. Sponsored by Sigma Theta Tau International, Scottsdale AZ
- 12/2009 Pepper G.A. Managing the risk points in intravenous drug therapy: A nursing perspective. American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Vegas, NV
- 11/2009 Pepper, G. A. Enhancing Basic and Advanced Geriatric Nursing Competence, Gerontological Society of America Conference, Atlanta, GA.
- 11/2009 Pepper, G. A. In Symposium: Nursing Capacity: Academic Exemplars. Gerontological Society of America Conference, Atlanta, GA.
- 2009 Pepper, G. A. The Leadership Project: Implementation and Evaluation, Gerontological Society of America Conference, Atlanta, GA.
- 11/2009 Pepper, G. A., Wong, B., Bassett, J. How do Medications Increase Fall Risk? Gerontological Society of America Conference, Atlanta, GA. Conference Paper, Refereed and Presented.

George W. Rodway

- 2009 Invited Presentation "The British are Coming: Oxford Scientists and their Remarkable Breathing Studies in Colorado's High Country" Medical History of the West Ninth Annual Conference. Montana State University.
- 2009 Invited Presentation. "Advances in Mountain Medicine in the USA". Union Internationale des Associations d'Alpinisme Medical Commission Annual Meeting
- 2009 Invited Presentation. "Pathophysiology of High Altitude Pulmonary Edema," Theory one module, University of Leicester/UK Diploma in Mountain Medicine, Plas Y Brenin.
- 2009 Invited Presentation. "Transient Ischemic Attack in a remote Himalayan Region," Theory one module, University of Leicester/UK Diploma in Mountain Medicine, Plas Y Brenin.
- 2009 Mukherjee RK, Gadawala J, Wong B, Latimer S, Rodway GW, Windsor JS. The Impact of Acute Normobaric Hypoxia on the Resting Heart Rate and Corrected QT Interval (QTc) of Healthy Volunteers. International Hypoxia Symposium
- 2009 RK Mukherjee, J Gadawala, JW Blaz, R Wong, GW Rodway, and JS Windsor. The Impact of Chronic Hypobaric Hypoxia on the Resting Heart Rate, Corrected QT Interval (QTc) and Arterial Oxygen Saturation (SaO2) of Trekkers Ascending to Mt Everest Base Camp. International Hypoxia Symposium

Community Service

Sharifa M. Al-Qaaydeh

- 2009 Islamic Society of Utah - Refugee Program, Member

Patricia H. Berry

- 2009 Pet Therapy Team, Intermountain Therapy Animals, Salt Lake City, UT
- 2009 Member, Board of Directors, Community Nursing Service (CNS), Salt Lake City, UT
- 2009 Member, Professional Advisory Committee (PAC) Community Nursing Service (CNS), Salt Lake City, UT

Shannon M. Burton

- 2009 Zero to Three - Review and promote legislation aimed at infants and children.

Alexa K. Doig

- 2009 Health Sciences Academy

Lee Ellington

- 2009 Chair of Sandwich Making and Serving at Homeless Shelter; First Unitarian Church, SLC, UT

Sherri E. Evershed

- 2009 Utah Food Bank, Volunteer
- 2009 Save Our Canyons, Volunteer
- 2009 Patient Advocate for elderly, Advocate
- 2009 Nature Conservancy, Volunteer

Thomas J. Mansen

5/2009 RHINO (Restoring Homes in New Orleans)/Habitat for Humanity. 1 week in New Orleans helping build houses for displaced individuals from Hurricane Katrina
2009 Royal Family Kids Camp, Camp Nurse

Donna F. Richards

1/2009 Health Sciences Academy, Volunteer Instructor

Awards / Honors / Recognitions

Patricia Berry inducted as Fellow into the American Academy of Nursing and chosen by application to participate on the University of Utah Leadership Development Institute.

Kristin Cloyes received the Annual Teaching Award from the College of Nursing, University of Utah.

Alexa K. Doig was voted banner carrier at College of Nursing Convocation by the graduating class and awarded Outstanding Teacher of the Year by the Physician Assistant Program, University of Utah.

Lee Ellington received the Research Award from the College of Nursing, University of Utah.

Sherri Evershed received the Excellence in Teaching award from the College of Nursing, University of Utah.

Lauri Linder was awarded a non-research Article of the Year Award (Co-recipient with Nancy Pulsipher) - from the International Nursing Association for Clinical Simulation and Learning. Lauri was also selected as Pediatric Clinical and Translational Research Scholar for 2009-2011 from the University of Utah Department of Pediatrics.

Thomas Mansen received Lifetime VIP Membership in Strathmore's Who's Who.

Kathleen B. Mooney was nominated for U of U 2009 Graduate Student and Postdoctoral Scholar Distinguished Mentor.

Ginette A. Pepper was awarded both the Poster of Distinction by the American Academy of Nursing Annual Meeting and the Hartford/WIN Regional Geriatric Nursing Research Award by the Hartford/ Western Institute of Nursing.

Katherine P. Supiano was awarded the Health Care Hero Award by Utah Business Magazine.

Overview and Actions

Division Chair: Lauren Clark, PhD, RN, FAAN, Professor

The Division Chair position was assumed by Lauren Clark in August, 2009 after the resignation of Becky Christian.

The HSCBC Division is comprised of 59 faculty:

Full Time: 45 – Tenured: 8, Tenure Track: 5, Clinical Track: 32, Research: 0

Part Time: 14 – Tenured: 1, Clinical: 11, Research: 2

The HSCBC Division retirements, non-renewals and resignations.

- Rebecca Burrage, APRN, MS Assistant Professor (Clinical)
- Mary Duffy, RN, MS, PhD, Professor
- Geeta Maharaj, DNP, MS, APRN, Associate Professor (Clinical)
- Shahnaz Moezzi, PhD, RN Assistant Professor (Clinical)
- Holly Martin, DNP, FNP-BC, Adjunct Instructor
- Paula Siciliano, DNP, MS, APRN, GNP, Associate Professor (Clinical)
- Nancy Stagers, PhD, RN, FAAN, Professor

Research and Scholarship: The Division assisted eight faculty to travel to professional meetings to present research and scholarship. In total, division faculty published 32 papers in 2009.

Teaching Performance: Three Division members were selected to lead and participate in the Baccalaureate Essentials Steering Committee.

Faculty Mentorship: A bi-division group mentoring program was established to assist five pre-tenured Division members. The Moving Along in your Academic Career (MAAC) group met monthly to establish mentoring needs and goals and implement a series of conversations about mentoring models, career trajectories and goals, and review and promotion expectations.

Faculty Development: Working closely with the Associate Dean for Research, the Division Chairs organized, coordinated, and supported a Seminar Series for faculty to showcase their scholarly and teaching expertise. Six HSCBC division members presented topics throughout the academic year. Individual faculty annual goals were written according to the College's criteria for rank and percent assignment. The division had a 100% success rate with CV posting and completion of the FAR tool and all met with the chair for an annual performance review. Division goals were created, modified as a group, and posted on a shared drive. Goals were reviewed at each division meeting, held via distance technology during our relocation while remodeling the College.

Administrative Assistant Support: The division continues to provide faculty with test support services and online course development assistance. Support staff also provided assistance to the Director of the Gerontology Interdisciplinary Program (GIP) and faculty and student services support for the GIP program. Administrative assistance was redirected from the Division to staff the Baccalaureate Essentials Steering Committee. A reallocation of the BESC executive staffing needs should be reconsidered for 2010.

Faculty Accomplishments 2009

Publications

Michael Caserta

Beck, S. L., Towsley, G. L., Caserta, M. S., Lindau, K., & Dudley, W. N. (2009). Symptom experience and quality of life of rural and urban older adult cancer survivors. *Cancer Nursing: An International Journal for Cancer Care*, 32, 359-369.

Caserta, M., Lund, D., Utz, R., & de Vries, B. (2009). Stress-related growth among the recently bereaved. *Aging & Mental Health*, 13, 463-476.

Lund, D. A., Utz, R., Caserta, M. S., & Wright, S. D. (2009). Examining what caregivers do with respite time to make respite more effective. *Journal of Applied Gerontology*, 28, 109-131.

Lauren Clark

Calvillo, E., Clark, L., Ballantyne, J., Pacquiao, D., Purnell, L., & Villarruel, A.M. (2009). Cultural competency in baccalaureate nursing education. *Journal of Transcultural Nursing*, 20(2), 137-145.

Clark, L. (2009). Focus group research with children and youth. *Journal for Specialists in Pediatric Nursing* 14, 152-154.

Clark, L., Vincent, D., Zimmer, L.M., & Sanchez, J. (2009). Cultural values and political economic contexts of diabetes among low-income Mexican Americans. *Journal of Transcultural Nursing* 20(4), 382-394.

Linda S. Edelman

Saffle, J. R., Edelman, L., Theurer, L., Morris, S. E., & Cochran, A. (2009). Telemedicine evaluation of acute burns is accurate and cost-effective. *Journal of Trauma*, 67(2), 358-365.

Edelman, L. S., Cook, L., & Saffle, J. R. (2009). Using probabilistic linkage of multiple databases to describe burn injuries in Utah. *Journal of Burn Care and Research*, 30(6), 983-992.

Fry, C., Edelman, L. S., & Cochran, A. (2009). Response to a nursing-driven protocol for sedation and analgesia in a burn-trauma ICU. *Journal of Burn Care and Research*, 30(1), 112-118.

Sviridov, D., Owen, W. E., Roberts, W. L., Edelman, L. S., Drake, S. K., & Hortin, G. L. (2009). Proteinuria without albuminuria: urinary protein excretion by a subset of patients with burn injuries. *Clinica Chimica Acta*, 403(1-2), 42-46.

Gwen A. Latendresse

Latendresse, G (2009). The interaction between chronic stress and pregnancy: Preterm birth from a biobehavioral perspective. *Journal of Midwifery and Women's Health*. Vol 54(1): 8-17

Janice M. Morse

Bergstrom, L., Richards, L., Proctor, A., Bohrer-Avila, L. Morse, J. & Roberts, J. (2009) Birth talk in second stage labor. *Qualitative Health Research*, 19, 954-964.

McIntosh, M., & Morse, J. M. (2009). Institutional review boards and the ethics of emotion. *Qualitative Inquiry and Social Justice*. (pg 81-107). (Ed. by Norman K. Denzin & Michael D. Gardina). Walnut Creek, CA: Left Coast Press.

Morse, J. M. & Niehaus, L. (2009). *Principles and procedures of mixed-method design*. Walnut Creek, CA: Left Coast Press.

Morse, J.M. (2009). Comforting the patient who is suffering. In *Akut, kritisk og kompleks sygepleje*. [Acute, critical and complex nursing], Mary Holen & Bodil Winther [Eds]. Munksgaard Danmark: Gyldendal Akademisk A/S. [Danish] ISBN 978-87-628-0882-9.

Morse, J.M. (2009). Tussles, tensions and resolutions. (p. 13-21). In *Developing grounded theory: The second generation*, Morse, JM, Stern, P.N., Corbin, J., Bowers, B., Charmaz, K., & Clarke, A. (Eds). Walnut Creek, CA: Left Coast Press.

Morse, J.M. (2009). *Preventing patient falls*. (2nd ed). New York: Springer.

Morse, JM, Stern, P.N., Corbin, J., Bowers, B., Charmaz, K., & Clarke, A. (2009) *Grounded theory: The second generation*. Walnut Creek, CA: Left Coast Press.

Patricia A. Murphy

Jordan R, Murphy P. Risk assessment and risk distortion: finding the balance. *J Midwifery Womens Health* 2009. 54(3): 191-200

King T, Murphy P. Evidence-based approaches to management of nausea and vomiting of pregnancy. *J Midwifery & Womens Health* 2009. 54(6): 1-8

Mollie R. Poynton

Hall, E.S., Poynton, M.R., Narus, S.P., Jones, S.S., Evans, R.S., Varner, M.W., & Thornton, S.N. (2009). Patient level analysis of outcomes using structured labor and delivery data. *Journal of Biomedical Informatics*, 42(4), 702-9.

Ellington, L, Kennedy Sheldon, L, Matwin, S, Smith, JA, Poynton, M, Crouch, BI, & Caravati, EM (2009). An Examination of Adherence Strategies and Challenges in Poison Control Communication. *Journal of Emergency Nursing*, 35(3), 186-90.

Poynton, M.R., Bennett, H.K., Ellington, L., Crouch, B.I., Caravati, E.M., Jasti, S. (2009). Specialist discrimination of toxic exposure severity at a poison control center. *Clinical Toxicology*, 47(7), 678-82.

Olola, C.H., Rowan, B., Narus, S., Smith, M., Hastings, T., Poynton, M., Nebeker, J., Hales, J., Evans, R.S. (2009). Implementation of an emergency medical card and a continuity of care. *Methods of Information in Medicine*, 48(6), 519-30.

Poynton, M.R., Choi, B.M., Kim, Y.M., Park, I.S., Noh, G.J., Hong, S.O., Boo, Y.K., & Kang, S.H. (2009). Machine Learning Methods Applied to Pharmacokinetic Modelling of Remifentanyl in Healthy Volunteers: a Multi-method Comparison. *Journal of International Medical Research*, 37(6), 1680-91.

Nancy Stagers

Alexander, G.A., & Stagers, N. (2009). A systematic review on the design of clinical technology: Findings and recommendations for future research. *Advances in Nursing Science*, 32(3), 252-279.

Stagers, N., & Troseth, M. (2009). Technology informatics guiding educational reform (TIGER) Usability and clinical application design collaborative summary report.

Koivunen M., Välimäki M., Koskinen A, Stagers, N. & Katajisto J. (2009). The impact of individual factors on health care staff's computer use in psychiatric hospitals. *The Journal of Clinical Nursing*.

Stagers, N., & Jennings, B.M. (2009). The Content and Context of Change of Shift Report on Medical and Surgical Units. *Journal of Nursing Administration*.

Weir, C., Stagers, N., & Phansalkar, S. (2009). The state of the evidence for computerized provider order entry: A systematic review and analysis of the quality of the literature. *International Journal of Medical Informatics*.

Katherine A. Sward

Morris AH, Hirshberg, E, Sward K. Computer protocols: how to implement. *Best Practice & Research Clinical Anaesthesiology* 2009: 23 (1), 51-67.

Presentations

Michael Caserta

- 2009 Caserta, M "A Program of Research in Spousal/Partner Loss in Mid and Later Life," College of Nursing Seminar Series, University of Utah
- 2009 Utz, R., Jasti, S., Caserta, M., Lund, D., & de Vries, B. The illness of grief. Presentation at annual meeting of the American Public Health Association, Philadelphia, PA.
- 2009 Lund, D., Caserta, M., Utz, R., & de Vries, B. Early bereavement adjustments of widow(er)s in culturally unique cities: Salt Lake City & San Francisco. Presentation at the annual meeting of the Pacific Sociological Association, San Diego, CA
- 2009 Utz, R., Lund, D, Caserta, M., & deVries, B. Perceived self-competency among bereaved spouses. Presentation at the annual meeting of the American Sociological Association, San Francisco, CA.
- 2009 Utz, R., Jasti, S., Caserta, M., Lund, D., & de Vries, B. Health and health behaviors of older bereaved spouses. Presentation at the annual meeting of the Gerontological Society of America, Atlanta, GA.
- 2009 de Vries, B., Lund, D., Caserta, M. & Utz, R. Social Support in early widowhood. Presentation at the annual meeting of the Gerontological Society of America, Atlanta, GA.

Lauren Clark

- 3/2009 DiGuseppi, C., Clark, L., Thoreson, S., Goss, C., & Zimmer, L. "Marketing fall prevention classes to older adults in faith-based congregations: Rationale, study design, and results of formative research." Oral presentation to the Centers for Disease Control and Prevention, Atlanta, GA.

- 4/2009 Clark, L., Thoreson, S., Zimmer, L., Goss, C., & DiGuseppi, C. "Marketing balance classes to older adults: Qualitative study." Paper presented at a College of Nursing Research Brownbag, University of Utah, Salt Lake City.
- 4/2009 Clark, L., Thoreson, S., Zimmer, L., Goss, C., & DiGuseppi, C. "Marketing balance classes to older adults: Qualitative study." Paper presented at a Research in Progress seminar sponsored by the Intermountain Injury Control Research Center, University of Utah, Salt Lake City.
- 10/2009 Clark, L., & Chambless, C. "Qualitative research with participants: Community-Based Participatory Research." Qualitative Research Network, University of Utah, Salt Lake City, UT.
- 10/2009 Clark, L., & Fuller, D. "Doctoral Education Innovation: How The NEXus Endeavor Benefits Students and Faculty". College of Nursing Seminar Series, University of Utah, Salt Lake City.
- 3/2009 Clark, L., Pett, M., Chambless, C., Sheen, J., Rothwell, E., & Johnson, S. "Obesity Reduction and Healthy Lifestyle Awareness for Young Adults with Intellectual Disabilities." University of Utah Disability Studies Forum, Salt Lake City, UT.
- 10/2009 Whisenant, M., & Clark, L. "Including Individuals with Cognitive Impairment in Research." Poster presentation at Intermountain HealthCare Nursing Research Conference, Salt Lake City, UT.
- 11/2009 Pepper, G., Clark, L., Mooney, K., & Beck, S. "Enhancing Diversity of Nursing Faculty." Poster presentation at the American Academy of Nursing 36th Annual Meeting and Conference, Atlanta, GA. [Winner of Distinguished Poster Award]
- 3/2009 Clark, L. & Calvillo, E. "A toolkit of faculty resources to teach cultural competence." In L. Clark (Symposium Organizer), Attaining cultural competencies in baccalaureate nursing education. Paper presented at the Annual Western Institute of Nursing Conference, Salt Lake City.
- 3/2009 Clark, L., Thoreson, S., Zimmer, L., Goss, C., & DiGuseppi, C. "Marketing balance classes to older adults: Qualitative study." Paper presented at the National Injury and Violence Prevention Research Conference, From Discovery to Practice: Innovative Translational Approaches to Injury Prevention and Care. Emory University, Atlanta, GA.
- 3/2009 Long, B., Clark, L., Cook, P., & McVicker, J.H. "Surrogate Decision-Making for Patients with Severe Traumatic Brain Injury (TBI)." Annual Assembly of the American Academy of Hospice and Palliative Medicine & Hospice and Palliative Nurses Association, Austin, TX.
- 8/2009 Clark, L., Pett, M., Chambless, C., Sheen, J., Rothwell, E., Cardell, B., & Johnson, S. "Obesity Reduction and Healthy Lifestyle Awareness for Young Adults with Intellectual Disabilities. Health in Transition: Researching for the Future," International Conference on Community Health Nursing Research, Adelaide, South Australia.

Gwen A. Latendresse

- 2009 Latendresse, G. "Maternal Corticotropin-Releasing Hormone and the Use of SSRIs Independently Predict the Occurrence of Preterm Birth." Podium Presentation: Fourth Annual Intermountain Evidence-Based Nursing Research Conference
- 2009 Latendresse, G. "A Description of Chronic Stress in Pregnancy Using Psychometric Measures." Fourth Annual Intermountain Evidence-Based Nursing Research Conference.
- 2009 Latendresse, G. "Bio-Psych Stress Measure Associations in Mid-Pregnancy." The American College of Nurse-Midwives 54th Annual Meeting
- 2009 Latendresse, G. "Searching for novel pathways to preterm birth: A genome-wide pilot study." Summer Genetics Institute, NINR/NIH
- 2009 Latendresse, G.. Maternal use of mood disorder medication predicts the occurrence of preterm birth. Proceedings of the 42nd Annual Communicating Nursing Research Conference/23rd Annual WIN Assembly

Janice M. Morse

- 4/2009 Morse, J.M., "The courage to nurse" Keynote presentation to induction ceremony Sigma Theta Tau, Gamma Rho Chapter, Salt Lake City.
- 10/2009 Morse, J. M. "Qualitative evidence for clinical Practice" Visiting Scholar, College of Nursing, University of Cincinnati.
- 2/2009 McIntosh, M. & Morse, J.M. "An ethics review of participants' distress during unstructured qualitative interviews." Annual Meeting of the National Centre for the Ethics of Human Research. Toronto. Poster presentation (in absentia).
- 4/2009 Bergstrom, L., Richards, L., Roberts, J., Morse, J. "How caregivers deal with pain and distress in second stage labor." Poster presentation at WIN conference, Salt Lake City, UT.
- 5/2009 Bergstrom, L., Richards, L., Proctor, A., Bohrer-Avila, L. & Morse, J. "Birth talk in second stage labor." Research Forum at annual meeting of the American College of Nurse-Midwives, Seattle WA.

5/2009 Morse, J.M. QUAL-qual mixed method design? Presentation at 5th International Congress for Qualitative Inquiry. University of Illinois.

Patricia A. Murphy

9/2009 Gurtcheff S, Simonsen S, Handley E, Murphy P, Turok D. U USE IT: University Undergraduates' Sexual education – Investigating Teachings Survey) to Evaluate Sexual Health Education and Practice. ARHP Annual meeting, Los Angeles, CA.

9/2009 Turok D, Gurtcheff S, Handley E, Sok C, Simonsen S, Murphy P. "Does Emergency Contraception Choice impact effective contraception 1 month later? A prospective comparison of the copper IUD and oral levonorgestrel". ARHP Annual meeting, Los Angeles, CA.

9/2009 Turok D, Handley E, Simonsen S, North R, Frost C, Murphy P, Gurtcheff S. "A survey of women obtaining emergency contraception: are they willing to use the copper IUD?". ARHP Annual meeting, Los Angeles, CA.

2009 Evidence-based Contraception: Case Studies in Combined Hormonal Contraceptives. American College of Nurse-Midwives Annual Meeting

2009 Evidence-based Contraception: Case Studies in Progestin-Only Contraceptives. American College of Nurse-Midwives Annual Meeting

2009 Evidence-based Management of Nausea and Vomiting in Pregnancy. American College of Nurse-Midwives Annual Meeting

Mollie R. Poynton

2009 Guo, J.W., Poynton, M., Matney, S., Ellington, L., Crouch, B.I., Caravati, E.M. Requirements analysis for HL7 message development in poison control center. Studies in Health Technology & Information, 146, 758-9.

2009 Latimer, S., Ellington, L., Maxwell, A., Poynton, M., Caravati, E.M., Crouch, B.I., Bennett, H. Identifying routine surge for poison control telephone response systems. Studies in Health Technology & Information, 146, 811.

2009 Poynton, M.R., Ellington, L., Caravati, E.M., Crouch, B.I., Bennett, H. Building knowledge for poison control: the novel pairing of communication analysis with data mining methods. Studies in Health Technology & Information, 146, 207-13.

Nancy Staggers

2009 Koch, S., Shereen, A., & Staggers, N. Using Personas and Prototypes to Define User Requirements for a Novel Patient Monitoring Display for Nurses. Helsinki, Finland.

2009 Staggers, N., Guo, J., Blaz, J., & Jennings, B. Clinical System Design Considerations for Critical Handoffs. HCI International Conference [CD]. San Diego, CA.

Katherine A. Sward

5/2009 "Decoding the Mysteries of Biomedical Informatics: A Practical Tutorial for Oncology Nurses" Reeves, D., Ketcham, M., & Sward, K. ONS annual meeting, San Antonio Tx. [panel presentation]

4/2009 "Informatics competencies: Not just for NI specialists!" (Staggers, N., Gooder, V., Poynton, M., & Sward, K). WIN annual conference [panel presentation]

Community Service

Amanda S. Al-Khudairi

2009 Repertoire Dance Theater - Salt Lake City, Utah, Volunteer

2009 Salt Lake Sexual Assault Nurse Examiners, SANE nurse

Margaret R. Allen

11/2009 Health Professions Academy presentation to high school students interested in medical careers.

9/2009 UUMC Health Fair. Volunteered to help prepare items to be handed out to persons who visited the BCHC table at health fair.

4/2009 Participated in "meet the midwives", downtown public library, staffed by BCHC faculty practice members

2/2009 Co-produced DVD documenting challenges/barriers to education for youth with chronic fatigue syndrome presented during May 2009 DHHS/CFSSAC meeting, Washington, DC

Penny S. Brooke

2009 International Exchange Program with the National Autonomous University of Mexico, Mexico City College of Nursing,

2009 International Exchange Program, Chiapas, Mexico; Health Sciences Center,

Kimberly D. Brown

2009 Attend meetings of Salt Lake Mayors Coalition in Alcohol, Tobacco and Other Drugs

Susan D. Chase-Cantarini

2009 Multiple Information Sessions throughout year. Logan, Ogden, IHC Educator's Summit, VAMC, SLCC x 3,

Amy B. Cutting

2009 University of Utah Global Health Alliance

Jane M. Dyer

2009 Comunidades Unidas / Communities United , Board Secretary and Member of the Board of Directors of CU.

2009 Hispanic Health Care Task Force, Member

2009 UNP Hartland Center, Steering Committee and Health Committee.

2009 Health Professions Academy (HPA)

Linda S. Edelman

8/2009 University of Utah Health Fair Fall Risk Assessments

2/2009 Salt Lake School District Science Fair Judge

Valerie J. Flattes

1/2009 Health Sciences Academy - Coordinator of program about the College of Nursing for junior high and high school students.

2009 Salt Lake County Aging Services, NP Volunteer

Marianne Fraser

2009-2010 Intermountain Therapy Animals, ITA Team Member

2009 SLC CAP Head Start, Health Advisor

Mary H. Gibson

2009 Health Literacy Interest Group (HSC)

Sarah J. Hagen

2009 Planned and co-facilitated three 'meet-the-midwives' sessions with the goal of increasing education and awareness of pre-natal care, labor and birthing options for women in Salt Lake City.

2009 Facilitated a four-hour presentation/discussion for a high-school student group about career opportunities in midwifery, women's health and nursing.

Susan W. Hall

2009 Supervised outings and served as a merit badge mentor for Boy Scout Troop 410.

Susan M. Kirby

2009 Annual medical service mission to remote community in Sarstun Guatemala.

Lisa D. Kaloczi

11/2009 Presentation to Health Professions Academy (high school students interested in healthcare professions)

Gwen A. Latendresse

2009 "Unitarian Universalist Coming of Age Youth Program, Volunteer

2009 Utah Community Food Cooperative, Volunteer

Jennifer G. Martin

2009 Placenta demonstration for the Upward Bound Program for high school students to promote interest in health professions.

Julie S. Steele

2009 Salt Lake County Division of Youth Services Christmas Box House, Board Member

2009 Utah Drug Endangered Child Alliance, Chair

- 6/2009 Community Services as a speaker for the Salt Lake City Greek Orthodox Church Philoptochos "Angels in Bloom" discussion: HPV and prevention
- 6/2009 Southern Cross Humanitarian Expedition to Peru. Provided Physical Examinations and service to a drop in center (El Bichito) providing food and shelter to children in Cajamarca Peru.

Celeste R. Thomas

- 2009 University Hospital Care, Be Well Utah - A Family Health Week: "Birth Options," Community Presenter
- 9/2009 Be Well Utah Health Fair - BirthCare HealthCare booth (annually)
- 12/2009 Career Options: Nursing and Midwifery, Speaker at East Hollywood High School

Gillian G. Tufts

- 2009 SDR Community Health Centers (CHCs), Lead Clinician

Awards / Honors / Recognitions

Margaret R. Allen received the Mary Ann Shaw New Author Award from the Journal of Midwifery and Women's Health/Elsevier Publishers.

Angela Deneris was awarded the Annual Teaching Award from the College of Nursing, University of Utah.

Gwen A. Latendresse was awarded the Carol A. Lindeman Award for a New Researcher by the Western Institute of Nursing.

Janice M. Morse received the Honorary Professor Award from the University of Bournemouth and was a visiting professor for the University of Cincinnati.

Patricia A. Murphy received the Best article of 2008 from the Journal of Midwifery and Women's Health. For Murphy PA, Schwarz EB, Dyer JM. *Cervical Cancer Screening Practices of Certified Nurse-Midwives in the US. Journal of Midwifery and Women's Health*; 53(1):11-18. Patricia also received Best Poster Presentation of Research for "Cervical Cancer screening practices of certified nurse-midwives"; from the American College of Nurse-Midwives Annual Meeting, Boston MA.

Mollie R. Poynton was awarded the Certificate of Recognition for Service, Nursing Informatics Working Group by the American Medical Informatics Association.

Nancy T. Stagers was awarded the Western Institute of Nursing 2009 Scholar by the American Nurses Foundation. Nancy also received the Publication Award of Merit for the ANA Scope and Standards of Practice for Nursing Informatics (N. Stagers, Chair), 2009 from the Society for Technical Communication.

Celeste R. Thomas received the Clinical Excellence Award from the College of Nursing, University of Utah.

Gillian G. Tufts received the Outstanding Doctor of Nursing Practice award from the College of Nursing, University of Utah.

Katherine Ward received the Excellence in Education Award from Utah Nurse Practitioners.