

**Academic-Practice Partnerships**  
**Partnership Expectation and Outcome Metrics Worksheet**  
**University of Hawai‘i at Mānoa School of Nursing & Dental Hygiene and The Queen’s Health System**  
**2007 to 2017**

Partnership Goals	Activities	Outcomes
<p><i>Structure:</i> Establish academic-practice partnership between the University of Hawai‘i at Mānoa School of Nursing &amp; Dental Hygiene (SONDH) and The Queen’s Health System (QHS)</p>	<ul style="list-style-type: none"> <li>• Identify key stakeholders</li> <li>• Establish regular meetings</li> <li>• Create a Memorandum of Understanding (MOU)               <ul style="list-style-type: none"> <li>○ Define purpose of partnership</li> <li>○ Identify research goals and objectives</li> </ul> </li> <li>○ Outline roles &amp; responsibilities</li> <li>○ Determine funding mechanism</li> <li>○ Delineate application requirements</li> <li>○ Determine priority research areas</li> <li>• Develop process to monitor and evaluate partnership</li> </ul>	<ul style="list-style-type: none"> <li>• QHS: Chief Nursing Officer &amp; Director of the Queen Emma Nursing Institute; SONDH: Dean, Associate Dean for Research, &amp; Director for Community Partnerships</li> <li>• Key stakeholders held regular meetings over six months to develop MOU.</li> <li>• MOU executed at public signing with CEO of QHS and Vice Chancellor for Research at UH Manoa               <ul style="list-style-type: none"> <li>○ Purpose of partnership outlined in MOU</li> <li>○ Goals were delineated:                   <ul style="list-style-type: none"> <li>▪ To provide evidence that research collaboration and mentoring are instrumental in shaping nursing infrastructure and capacity</li> <li>▪ To provide evidence of consultative and mentoring activities that will effectively engage faculty and staff nurses in a University - Practice Research partnership.</li> </ul> </li> <li>○ MOU outlined roles &amp; responsibilities of each partner</li> <li>○ QHS &amp; SONDH allotted funding</li> <li>○ Requirements included a written research proposal &amp; budget</li> <li>○ Priority research areas: Patient safety, patient outcomes, and/or work environment issues</li> </ul> </li> <li>• The Director for Community Partnerships schedules annual meetings with the key stakeholders to review the partnership goals, progress to-date, revise activities, and resolve any barriers to success.</li> </ul>

<p><u>Process:</u> Establish an interactive research practice</p>	<ul style="list-style-type: none"> <li>• Identify QHS &amp; SONDH Directors</li> <li>• Prepare &amp; finalize annual fixed-price contract, outlining terms of administration, start and end dates, funding mechanisms, etc.</li> <li>• Prepare an annual Request for Proposals (RFP)</li> <li>• Establish a procedure for proposal review</li> <li>• Communicate internally and externally about the partnership</li> </ul>	<ul style="list-style-type: none"> <li>• QHS Director of Queen Emma Nursing Institute, SONDH Director for Community Partnerships &amp; an Assistant Professor named as Partnership Co-Directors.</li> <li>• ‘Task Orders’ were/are developed for each year of the partnership, signed by both organizations, and managed through the Office of Research Services at UH.</li> <li>• The co-directors developed and distributed an RFP each year outlining the purpose of the partnership, commitments needed, expected end-products, eligibility, support available (administrative &amp; research), deadlines, and application requirements.</li> <li>• A scoring sheet was developed to conduct scientific and programmatic reviews of each proposal.</li> <li>• Information about the partnership was distributed widely <ul style="list-style-type: none"> <li>○ QHS incorporated information about the partnership on their internal Nursing Research Council website.</li> <li>○ SONDH created a <a href="#">web page</a> about the partnership.</li> <li>○ An article was published describing the process of developing the partnership <ul style="list-style-type: none"> <li>▪ Boland, M. G., Kamikawa, C., Inouye, J., Latimer, R. W., &amp; Marshall, S. (2010). Partnership to build research capacity. <i>Nursing Economics</i>, 28(5), 314-321, 336.</li> </ul> </li> </ul> </li> </ul>
<p><u>Process:</u> Partner faculty and nursing staff to develop and implement research projects (2007 – 2014)</p>	<ul style="list-style-type: none"> <li>• Solicit faculty and nursing staff partners each Fall</li> <li>• Pair staff and faculty with similar research interests</li> <li>• Research partners prepare proposal and budget</li> <li>• Conduct scientific review of each project’s proposal</li> <li>• Conduct programmatic review of each project’s proposal &amp; budget</li> </ul>	<ul style="list-style-type: none"> <li>• The RFP was distributed each year with outreach to QHS nursing staff and SONDH faculty members.</li> <li>• The co-directors communicated with interested staff and faculty, exploring interest areas and determined possible partners.</li> <li>• Staff/faculty partners developed research proposals in accordance with the RFP and guidance from the co-directors.</li> <li>• Reviewers were solicited from QHS and SONDH. Each proposal underwent scientific review by one QHS staff member and SONDH faculty member. Scoring sheets were submitted to the co-directors.</li> <li>• The co-directors reviewed each proposal, their scientific review scores, and the budget of each proposal prior to a</li> </ul>

	<ul style="list-style-type: none"> <li>• Prepare and distribute award letters</li> <li>• Solicit study progress reports</li> <li>• Monitor study progress</li> <li>• Monitor for dissemination products</li> <li>• Monitor for study impact on patient care practices</li> </ul>	<p>meeting to determine which proposals would be accepted for funding and the funding amount.</p> <ul style="list-style-type: none"> <li>• A SONDH administrative staff member prepared the award letter and distributed them to the research partners, the fiscal officer, and the co-directors.</li> <li>• Quarterly progress reports (via email) were solicited from the research partners.</li> <li>• Agenda for the co-directors' monthly teleconferences consisted of discussing the current status of each study. If any known barriers to progress surface, one of the co-directors took responsibility to reach out to the staff/faculty team to provide assistance. A tracking sheet was updated monthly.</li> <li>• The tracking sheet was updated to reflect dissemination of results locally, nationally, and internationally.</li> <li>• Any translation to practice of study results were documented on the tracking sheet.</li> </ul>
<p><i>Process:</i> Develop/refine requisite knowledge and research skills (2015 – present)</p>	<ul style="list-style-type: none"> <li>• Establish a Nursing Research Fellowship (NRF) <ul style="list-style-type: none"> <li>○ Develop curriculum for proposal preparation</li> </ul> </li> <li>○ Solicit staff nurse participation</li> <li>○ Review applications</li> <li>○ Notify research teams of acceptance</li> <li>○ Engage faculty</li> <li>○ Develop application</li> </ul>	<ul style="list-style-type: none"> <li>• The first annual NRF class was first offered in 2008. In 2015, the biennial NRF was extended to include implementation &amp; evaluation components. <ul style="list-style-type: none"> <li>○ The original content for eight classes included developing a research question, analyzing and organizing the literature, research methods, data collection &amp; analysis, and research ethics. In 2015, the NRF curriculum was expanded to a second year and included workshops in data entry and analysis, writing the results, limitations, and discussion sections, and dissemination products.</li> <li>○ An application form was developed and distributed to all QHS product lines.</li> <li>○ The partnership co-directors reviewed &amp; selected projects for topical fit with QHS priority areas and team composition.</li> <li>○ Research teams were notified of acceptance or denial.</li> <li>○ SONDH faculty and the QHS librarian, IRB administrator, and a researcher served as guest speakers.</li> <li>○ Originally, the end-product was an IRB application. Starting in 2015, the end product is a manuscript.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Offer curriculum</li>   <li>○ Disseminate information about the NRF</li> </ul>	<ul style="list-style-type: none"> <li>○ From 2008 to 2014, eight monthly, 4-hour proposal development sessions with an expectation of 4 hours of homework were offered. Since 2015, the curriculum is offered for six monthly sessions from January to June and consists of proposal development and submission to the IRB. The teams are given until September to obtain IRB approval and then enter the remaining nine sessions through June the following year.</li> <li>○ An article was published describing the NRF: Latimer, R. &amp; Kimbell, J. (2010). Nursing research fellowship: Building nursing research infrastructure in a hospital. <i>Journal of Nursing Administration, (40)2, 92-98.</i></li> </ul>
<p><u>Outcome:</u> Enhance scientific understanding to improve health through nursing practice</p>	<ul style="list-style-type: none"> <li>● Increase research knowledge and skills</li>   <li>● Review, approve, &amp; support nursing studies</li> <li>● Complete studies</li>   <li>● Disseminate results of studies</li> </ul>	<ul style="list-style-type: none"> <li>● To-date, a total of 16 SONDH faculty members, including a Psychologist &amp; DrPH, and 42 QHS staff members, including a Physical Therapist, have participated/are participating in the partnership.</li> <li>● An indirect outcome is the academic progression to graduate school of nine Fellowship participants of whom seven enrolled at SONDH.</li> <li>● Twenty-four studies were reviewed, approved, &amp; supported.</li>   <li>● Of the 24 studies, 13 were completed, six are in progress, and five were not completed.</li> <li>● Partners from the Hawai'i State Center for Nursing, QHS, and SONDH developed a biennial writing workshop offered in six monthly didactic sessions resulting in, to-date, the preparation of 23 manuscripts, submission of 22 manuscripts, and publication of 16 manuscripts. <ul style="list-style-type: none"> <li>○ An article was published describing the writing workshop: Kooker, B., Latimer, R. &amp; Mark, D. (2015). Successfully coaching nursing staff to publish outcomes. <i>The Journal of Nursing Administration, 45(12), 636-641.</i></li> </ul> </li> <li>● Dissemination products directly related to this partnership include 34 publications and presentations. To-date, three teams of SONDH faculty and QHS nursing staff published their results in national peer-reviewed journals:</li> </ul>

		<ul style="list-style-type: none"> <li>○ Beniga, J., Johnson, K., &amp; Mark, D. (2014). Evidence-based practice: Normothermia for neuro protection. <i>Nursing Clinics of North America</i>, 49(3), 399-413.</li> <li>○ Codier, E., Freitas, B., &amp; Muneno, L. (2013). Developing emotional intelligence ability in oncology nurses: A clinical rounds approach. <i>Oncology Nurse Forum</i>, 40(1), 22-9.</li> <li>○ Lu, K. &amp; Ishida, D. (2013). What works: Facilitating staff participation in nursing research. <i>American Nurse Today</i>, 8(10), Retrieved May 22, 2017 from: <a href="https://www.americannursetoday.com/what-works-facilitating-staff-participation-in-nursing-research/">https://www.americannursetoday.com/what-works-facilitating-staff-participation-in-nursing-research/</a></li> <li>● 23 podium presentations were disseminated at local, national, and/or international conferences: <ul style="list-style-type: none"> <li>○ Baldwin, C. &amp; Conde, F. (2015). Fieldwork study of the bridge from cancer to cancer survivorship. Paper presented at the National Association of Clinical Nurse Specialist Conference, San Diego, CA.</li> <li>○ Beniga, J., Johnson, K., &amp; Mark, D. (2009). Nursing management of fever in patients with traumatic brain injury. Paper presented at the Pacific Institute of Nursing Conference, Honolulu, HI.</li> <li>○ Beniga, J., Johnson, K., &amp; Mark, D. (2010). Nursing management of fever in patients with traumatic brain injury. Paper presented at the Pacific Institute of Nursing Conference, Honolulu, HI.</li> <li>○ Beniga, J., Johnson, K., &amp; Mark, D. (2010). Nursing management of fever in patients with traumatic brain injury. Paper presented at the Asia Pacific Military Medicine Conference, Jakarta, Indonesia.</li> <li>○ Chun, N. &amp; Williams, P. (2010). Effects of disposable underpads on pressure ulcer prevention. Paper presented at the Pacific Institute of Nursing Conference, Honolulu, HI.</li> <li>○ Chun, N. &amp; Williams, P. (2010). Effects of disposable underpads on pressure ulcer prevention. Paper presented at the International Nursing Research Conference, Burgos, Spain.</li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li>• Translate study findings to practice</li> </ul>	<p>(2016). The effect of an eight-week self care program on self-perceived compassion fatigue. Poster presented at the American Organization of Nurse Executives Hawai'i Conference, Honolulu, HI.</p> <ul style="list-style-type: none"> <li>○ Beniga, J., Johnson, K. &amp; Mark, D. D. (2010). Nursing management of fever in patients with traumatic brain injury. Poster presented at the Neurocritical Care Society Meeting, San Francisco, California.</li> <li>○ Beniga, J., Johnson, K. &amp; Mark, D. (2009). Developing evidence based nursing guidelines for normothermia in the neuroscience ICU patient. Poster presented at the Arizona State University College of Nursing and Health Innovation Annual EBP National/International Conference, Phoenix, Arizona.</li> <li>○ Chun, N. &amp; Williams, P. (2009). Effects of disposable underpads on pressure ulcer prevention. Poster presented at the Western Institute of Nursing Conference, Anaheim, CA.</li> <li>○ Fukuda, N. &amp; Leake, A. (2016). Impact of a diabetes intervention on diabetes distress and glycemic control in an Asian Pacific Islander (API) population. Poster presented at the Department of Native Hawai'i an Health He Huliau Conference, Honolulu, HI.</li> <li>○ Fujita, L. &amp; Mobley, J. (2010). Screening &amp; prevention of contrast-induced nephropathy: Phase II. Poster presented at the Pacific Institute of Nursing Conference, Honolulu, HI.</li> <li>○ Hata, R. &amp; Han, L. (2016). Impact of a surgical intensive care unit progressive mobility program on delirium. Poster presented at the American Organization of Nurse Executives Hawai'i Conference, Honolulu, HI.</li> <li>○ Muneno, L., Freitas, E., &amp; Codier, E. (2011). Developing the emotional intelligence of clinical oncology nurses. Poster presented at the Pacific Institute of Nursing Conference, Honolulu, HI.</li> </ul> <ul style="list-style-type: none"> <li>• Findings from seven of the 13 completed studies were translated to practice: <ul style="list-style-type: none"> <li>○ Humor DVDs used with Cancer Center patients</li> </ul> </li> </ul>
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