



Nursing Research Newsletter

Office of Research Development

Research Development Writing Group (RDWG), Research Program Planning Group (RRPG), & RCMI Multidisciplinary And Translational Research Infrastructure Expansion in Hawaii (RMATRIX)

The University of Hawaii at Manoa and the Schools of Nursing and Dental Hygiene (SONDH), Natural Sciences, and Department of Psychology are in a partnership for the current EARDA grant. The overall aim of EARDA is to strengthen research administrative support. In order to facilitate faculty development and research integration/collaboration, the Research Development Writing Group (RDWG) and Research Program Planning Group (RPPG) were developed. The purpose of RDWG is to strengthen research capacity at the individual faculty member level and to facilitate the stimulation of new research ideas and intra- and inter-departmental partnerships. Key participants meet in the working groups to submit individual and multidisciplinary research grants. The purpose of RPPG is to support a faculty who is seeking to establish or strengthen his/her research program and to assist them in submission of grant applications for research support. The faculty member (see below) was selected to a Mini Post Doctorate program, to develop a research program, and submit a research grant to NIH.

The SONDH is affiliated with the John A. Burns School of Medicine's (JABSOM) newly funded RCMI Multidisciplinary and Translational Research Infrastructure Expansion in Hawaii (RMATRIX). The RMATRIX Multidisciplinary Training and Education will provide clinical-translational scientists in Hawaii with knowledge, training, and career development. Dr. Mary Boland, Dean of the SONDH, a member of the internal advisory council, Dr. Jillian Inouye, Professor and Associate Dean for SONDH, one of the RMATRIX section leaders responsible for the community-based multidisciplinary education training components, Dr. Merle Kataoka-Yahiro, as a research associates, and Dr. Maureen Shannon on the Research Ethics Panel are involved in this endeavor.

Featured Office of Research Development Sponsored Researcher

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Estelle Codier
PhD, MSN, RN,
CC
Assistant Professor

Dr. Estelle Codier has been named as the RPPG Mini Post Doctorate. Her selection was based on her meeting the eligibility criteria: a) motivation and enthusiasm for research; b) early funding success; and c) topics of interest relevant to the National Institute of Child Health and Human Development's (NICHD) mission.

Dr. Codier is one of the early innovators in the field of nursing emotional intelligence, and has presented her research in this field both nationally and internationally. Her research provided the first evidence that measured emotional intelligence correlates with performance and retention in clinical staff nurses. Further research explored the role of emotional intelligence in nurse managers (funded by AONE in 2009-2010) and in clinical oncology unit practice. An ongoing multi-site study explores the emotional intelligence of nursing students.

In 2007, Dr. Codier was in Who's Who of Health Sciences Academia. In 2008, she was nominated for the University of Hawaii Excellence in Teaching Award. She was also nominated and recommended for the Francis Davis Teaching Award from the University of Hawaii at Manoa. In 2010, Dr. Codier was accepted as a fellow in the Consortium for Emotional Intelligence, a world consortium of 60 top researchers in the field of Emotional Intelligence research.

Dr. Codier has an additional interest in the use of Multi User Virtual Environments (MUVE) and avatars in nursing education, for which she received pilot seed grant funds from the Robert Wood Johnson Foundation and subsequent funding to expand on her pilot research from the NLN.



Featured Office of Research Development Sponsored Researcher



Lorrie Wong PhD,
MS, RN

Instructor & Director
of Simulation Learning

Dr. Lorrie Wong has been awarded funding for two grants from the Health Resources & Services Administration (HRSA): 1) Educational Equipment to Enhance Advance Education in Nursing (AEN); and 2) Educational Equipment to Enhance Baccalaureate Clinical Educational Experiences - Nurse Education, Practice and Retention (NEPR).

The AEN equipment will enhance learning activities focused on advanced health/physical assessment, physiology/pathology, pharmacology, therapeutic interventions, cultural competency, and interdisciplinary collaboration and will: 1) provide simulated learning experience to enhance knowledge and skills in physical and psychological assessment, clinical diagnostic reasoning, and provision of both indirect and direct care of culturally diverse clients to 145 graduate students; and 2) increase learning opportunities for students to develop skill in advanced practice nursing roles.

The NEPR equipment will enhance the school's ability to integrate simulation learning methodologies throughout the curriculum and to build school capacity to educate increasing numbers of Baccalaureate students, consistent with the American Association of Colleges of Nursing (AACN) educational framework with a focus on Essential IV, Information Management and Application of Patient Care Technology and Essential IX, Baccalaureate Generalist Nursing Practice. The equipment will: 1) provide simulated learning experience in caring for the childbearing and childrearing family to 420 baccalaureate students; 2) provide safe medication administration learning to 420 baccalaureate students; and 3) build skill in using electronic health record and decision-support systems for 420 baccalaureate students. Equipment inventory includes newborn and child simulator manikins; simulator adult manikin; simulated medication dispensing system; and a simulated electronic health record system and will enhance the school's ability to utilize simulation supported learning methodologies that integrate cultural competency, patient safety concepts, safe medication administration informatics technology, and foster utilization of point of care decision support tools throughout the curriculum. All equipment will be housed in the Learning Resource Center and used only for training activity and will significantly enhance our existing student learning resources.

Featured Office of Research Development Sponsored Researcher



Kristine Qureshi
DNSc, RN

Associate Professor
Advanced Public Health
Nursing Program
Director
Nursing Graduate Chair

Dr. Kristine Qureshi has been awarded funding for a research project of an interdisciplinary team of researchers from nursing, medicine, and economics to develop a model that can be used to compare PC Screen based vs. high fidelity simulation learning in terms of learning and cost effectiveness. This research project has been funded through a US Army Medical Research Acquisition Activity (USAMRAA) grant for \$799,887. The project is a joint effort between the SONDH and The Nursing Research Unit of the Tripler Army Medical Center (TAMC). Dr. Qureshi is the SONDH's Principal Investigator, and the TAMC PI is Dr. Denise Hopkins-Chadwick. The other team investigators include: Dr. Lori Wong and Dr. Leilani Siaki (nursing); Dr. Deborah Juarez (public health economics); and Dale Vincent, MD, (medicine).

As the number and complexity of disasters increases across the world, increased attention is being paid to disaster and trauma nursing. During the past decade, the US and the rest of the world has experienced numerous catastrophic natural, technological and human made disasters. Presently, a large number of military nurses are directly involved in providing care to wounded soldiers on the battlefields of Iraq, Afghanistan, and other areas throughout the world. Core disaster nursing competencies have been identified, but we have yet been able to identify the most efficient and effective methods for competency based disaster nursing education. It is expected that the model that is developed during this project will be useful for evaluating the learning outcomes and cost effectiveness of many other types of nursing care skills including those from trauma, rehabilitation, and general patient care, to name a few.

This is the first grant from SONDH that will use the resources of the new Simulation Education and Research Center that is about to undergo construction.



Message from the Associate Dean for Research

Aloha and welcome to the fall issue of our Nursing Research Newsletter.

Since our last issue, our efforts to develop an innovative cadre of research scientists, enhance faculty development, and promote research integration and collaboration have resulted in additional interdisciplinary partnerships. Subsequently, multiple writing groups have been established, have met regularly, and will continue to meet in the coming year. New collaborations are being planned with the Center on Aging, Interim Director Colette V. Browne, and JABSOM's RMATRIX grant. We will keep you informed on new opportunities. You are also welcome to contact me anytime about your research needs, either through the Office of Research Development (ORD) website <http://manoa.hawaii.edu/nursing/ord/>, through Dominic Estrella at 956-3936, email jinouye@hawaii.edu, or directly at 956-5326. We are excited to have such a diverse and accomplished team of individuals who share the common goal of advancing knowledge in health disparities and chronic illnesses.

Looking back, we are thankful that we have had a year of such wonderful opportunities and working relationships. With the many talents and tireless efforts of those within the university, our health care industry, and our communities, we look to the future with much optimism and conviction.

Have a safe and happy holiday!

– Jillian Inouye

Message from the Director of Office of Research & Extramural Programming

Greetings from the staff of the Office of Research and Extramural Programming (OREP)!

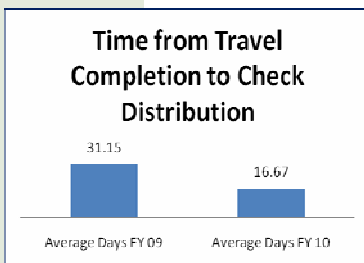
Jim, Patsy, Thea, and I are here to assist you with your pre- and post-award management activities and continually strive to improve those services. Please note that you also have access to our statistician, Dongmei Li, and grant coach, Sharee Pepper.

As part of our continuous quality improvement (CQI) program, and in response to your expressed needs, OREP has recently instituted several programs in an effort to improve both processes and outcomes:

Pre-Award Counseling: Now in its second year, Patsy schedules two meetings prior to the grant's due date with the PI and/or team members. The RFA and timeline for submission through UH is provided and reviewed. Required documents are highlighted, as well as formatting specifications. Patsy is also now developing budgets for these submissions and is your point of contact for your fiscal questions as you develop your proposal.

Post-Award Audit Program: OREP initiated an audit program of the 60 projects (accounts). As part of this process, Jim provides the PI with an updated budget and uses this time to clarify any anticipated changes and make corrections. Our goal is to conduct an audit of 100% of the projects each year.

Fiscal Process Tracking: Jim and Thea process approximately 900 purchasing documents per year and fiscal processing was identified by the faculty and staff as an area needing improvement. Attention on our part to address this issue using a variety of methods has resulted in reducing processing time for Travel Completions, Vendor Payments, and Purchase Order Distribution from FY 2009 to 2010 *by half*.



Post-Award Portfolio: HOT OFF THE PRESS! Upon award, Thea now meets with the PI and provides them with a portfolio for post-award management. This portfolio contains a hard-copy of the award, highlights the award dates, amounts, and report due dates. It also contains purchasing information, p-card applications, and checklists.

The beauty (or the beast!) of CQI is that our work is never done and, as always, we look forward to serving you and wish you a Happy Holidays.

p.s. Check out our new website at: <http://www.nursing.hawaii.edu/OREP.html>

– Deb Mark



COSMCI (P20) Research Ethics Colloquium



On November 29, 2010, the P20 Center for ‘Ohana and Self-Management of Chronic Illnesses and the Office of Research and Development coordinated a presentation for the School of Nursing ‘ohana titled “Responsible Conduct of Research” by Ms. Zoe Hammatt, Assistant Professor at the William S. Richardson School of Law at the University of Hawaii at Manoa. She also serves as RCMI Translational Research Network (RTRN) Legal and Regulatory Specialist and Chair of Ethics and Regulatory Sub-Committee. We had a great showing for the presentation which included faculty, staff, and students from the Department of Nursing, Public Health, and Computer Information System. It was an engaging presentation which further expanded our knowledge of how to conduct research the right way. If

you would like more information on the presentation, please contact the P20 Center for ‘Ohana and Self-Management of Chronic Illnesses at 956-0536.

ORD & COSMCI Training Calendar

Date, Time & Room	Topic	Presenter(s)
2010		
Monday 11/29/10 11:30am-12:30pm Webster Hall 205	Research Ethics	Zoe Hammatt, J.D., M.Phil.
Thursday 12/16/10 12:00pm-1:00pm Webster Hall 402c	Cluster Analysis	James Davis, PhD
2011		
January	Social Network Analysis	Dan Suthers, PhD
January 27, 2011 12:00pm-1:00pm Biomed D207	Alzheimer’s Research	Kathleen Martin-Ginis, visiting from University of Saskatchewan
February 28, 2011 12:00pm-1:00pm Webster Hall 402c	Project Facilitation/Coordination	Rosa Castro & Dominic Estrella
February	Research Forum	TBD
March	OREP/ORD/P20 Services	OREP Representative, Dominic Estrella & Rosa Castro, MBA
March	Statistical Modeling	TBD
April	Budget Development & Fiscal Monitoring	James Kowalski
April	Research Forum	TBD
May	Procurement & Hiring	Thea Nieves & Rosa Castro, MBA
May	Travel Processing	Thea Nieves & Dominic Estrella

**Faculty Publications 05/01/2010–11/30/2010****Mary Boland**

Boland, M., Kamikawa, C., Inouye, J., Latimer, R., & Marshall, S. (2010). Partnership to build research capacity. *Nursing Economics*, 28(5), 314-321, 336.

Estelle Codier

Codier, E., Mueno, L., Franey, K., & Matsura, F. (2010). Is emotional intelligence an important concept for nursing practice? *The Journal of Psychiatric and Mental Health Nursing*, 17(10), 940-948.

Adrianna Fox Deise

Yackel, Edward E.; McKennan, Madelyn S.; Fox-Deise, A. (2010). A nurse facilitated depression screening program in an Army primary care clinic: An evidence-based project. *Nursing Research*, 59(1), 58-65.

Jillian Inouye

Inouye, J., Arakaki, R., Davis, J. (August 2010). Outcomes of cognitive behavioral intervention in two ethnic groups with type 2 diabetes. *International Journal of Behavioral Medicine*, 7(Suppl 1): S1-329.

Boland, M., Kamikawa, C., Inouye, J., Latimer, R., & Marshall, S. (2010). Partnership to build research capacity. *Nursing Economics*, 28(5), 314-321, 336.

Merle Kataoka-Yahiro

Kataoka-Yahiro, M., Conde, F., Wong, R., Page, V., & Peller, B. (2010). Advance care planning among Asian Americans and Native Hawaiians receiving hemodialysis for stage 4 to 5 chronic kidney disease. *International Journal of Palliative Nursing*, 16(1), 32-40.

Cohen, S.M. & Kataoka-Yahiro, M. (2010). Provider adherence to clinical guidelines related to lipid-lowering medications. *Military Medicine*, 175(2), 1-5.

Anne Leake

Leake A., Oculito T., Ramones E., & Caagbay C. (2010). Diabetes bingo: Research prioritization with the Filipino community. *Hawaii Medical Journal*, 69, 237-241.

Leake A, Bermudo V & Jacob M. (2010). Lola's life lessons: Promoting heart health for Filipino families in Hawaii. *Journal of the Philippine Nurses Association of America*, 2(1), 7-10, 20, 46.

Sandra LeVasseur

LeVasseur, SA. (2010). Hawaii partners in nursing: Addressing recruitment and retention issues in long-term care. Honolulu, Hawaii. *Hawaii State Center for Nursing*, University of Hawaii at Manoa, G1-G6.

Carmen Linhares

Linhares, C. (2010). The gift of intuition. *Midwifery Today*, (95), 20.

Debra Mark

Nishimoto, P. W. & Mark, D. D. (2010). Altered sexuality patterns. In Brown, C. (Ed.). *A Guide to Oncology Symptom Management*. Pittsburgh, PA: Oncology Nursing Society, 423-455.

Mark, D. D., Latimer, R. W. & Hardy, M. D. (2010). 'Stars' aligned for EBP: A TriService initiative in the Pacific. *Nursing Research*, 59(1S), S48-S57.

Stephanie Marshall

Boland, M., Kamikawa, C., Inouye, J., Latimer, R., & Marshall, S. (2010). Partnership to build research capacity. *Nursing Economics*, 28(5), 314-321, 336.

Joe Mobley

Deakos, M., Branstetter, B., Mazzuca, L., Fertl, D. and Mobley, Jr., J.R. (2010). Two unusual interactions between a bottlenose dolphin (*Tursiops truncatus*) and a humpback whale (*Megaptera novaeangliae*) in Hawaiian waters. *Aquatic Mammals*, 36, 121-128

**Faculty Publications 05/01/2010–11/30/2010 (con't.)****Victoria Niederhauser**

Niederhauser, V. & Matteus, D. (2010). The anatomy of survey questions. *Journal of Pediatric Health Care*, 24(5), 351-354.

Brooks, M.V. and Niederhauser, V. (2010). Preceptors expectations and issues with nurse practitioners clinical rotations. *Journal of the American Academy of Nurse Practitioners*, 22(11), 573-579.

Maureen T. Shannon

Nicholson, P.K., Voss, J., Wantland, D., Lindgren, T., Huang, E., Holzemer, W.L., Cuca, Y., Moezzi, S., Portillo, C., Willard, S., Arudo, J., Kirksey, K., Corless, I.B., Rosa, M.E., Robinson, L., Hamilton, M.J., Sefcik, E., Human, S., Rivero-Mendez, M., Maryland, M., Nokes, K.M., Eller, L., Kempainen, J., Dawson-Rose, C., Brion, J.M., Bunch, E.H., Shannon, M., Nicholas, T.P., Viamonte-Ros, A., Bain, C.A. (2010). Prevalence, self-care behaviors and self-care activities for peripheral neuropathy symptoms of HIV/AIDS. *Nursing and Health Sciences*, 12(1), 119-126.

Kathleen Sullivan

Sullivan, K., Voss, J., Li, D. (2010). Female disclosure of HIV-positive serostatus to sex partners: A two-city study. *Women & Health*, 50(6), 506-526.

Karen Tessier

Tessier, T. (2010). Effectiveness of hands-on education for correct child restraint use by parents. *Accident Analysis and Prevention*, 42 (4): 1041-7.

Mirella Vasquez-Brooks

Brooks, M.V. and Niederhauser, V. (2010). Preceptors expectations and issues with nurse practitioners clinical rotations. *Journal of the American Academy of Nurse Practitioners*, 22(11), 573-579.

Thompson, H.J. and Brooks, M.V. (2010). Genetics and genomics in nursing: Evaluating essentials implementation. *Nurse Education Today*. doi: 10.1016/j.nedt.2010.10.023.

Joyce Vogler

Vogler, J., Altmann, T., & Zoucha, R. (2010). Native Hawaiian attitudes of culturally sensitive healthcare provider traits and behaviors. *Journal of Cultural Diversity*, 17(3), 90-98.

Faculty Presentations 05/01/2010–11/30/2010**Anne Leake**

Leake, A. (2010). *Community-based participatory research: Improving retention in a lifestyle intervention for the Filipino community*. Podium presentation. Philippine Nurses Association 7th International Conference. Cebu City, Philippines.

Leake, A. (2010, August). *Health is wealth: Community based participatory research to adapt a lifestyle intervention for diabetes prevention for Filipino-Americans*. Podium presentation. Academy for Health Equity, Denver, CO.

Leake, A., Braginsky, N., Wang, C.W. (2010). *Cultural influences on diabetes self-management*. Podium presentation. Pacific Rim Conference on Disabilities, Honolulu, HI.

Jillian Inouye

Braginsky, N., Inouye, J., Arakaki, R. (2010, August). *Psychosocial and cultural values related to diet and exercise*. Poster presentation. 11th International Congress of Behavioral Medicine: Translational Behavioral Research: A Global Challenge, Washington, D.C.

Inouye, J., Arakaki, R., Davis, J. (2010, August). *Outcomes of cognitive behavioral intervention in two ethnic groups with type 2 diabetes*. Podium presentation. 11th International Congress of Behavioral Medicine: Translational Behavioral Research: A Global Challenge, Washington, D.C.

Inouye, J., Davis, J., Arakaki, R. (2010, June). *Variations in psychosocial assessment among Asian and Pacific Islanders with type 2 diabetes*. Poster presentation. American Diabetes Association, Orlando, FL.

Maureen Shannon

Shannon, M. (2010, November). *Mothers' perceptions about the HIV-viral testing of their infants*. Podium presentation. Association of Nurses in AIDS Care National Conference. Reno, NV.

Mirella Vasquez-Brooks

Vasquez-Brooks, B. (2010, August). *Evaluating dietary intake of Filipino-Americans at risk for type 2 diabetes*. Poster presentation at the Academy of Health Equity: Achieving Health Equity in the Era of Healthcare Reform, Denver, CO.



Faculty Grants & Contracts Funded 05/01/2010–11/30/2010

Last Name	First Name	Start Date	End Date	Project	Award Amount	Sponsor Name
Boland	Mary	9/1/2010	8/31/2011	Increasing Advanced Nursing Education and Practice in Hawaii	\$113,552	HRSA, Bureau of Health Professions
Codier	Estelle	9/1/2010	8/31/2012	Avatar/Patient Program for Enhanced Learning (APPLE)	\$14,910	National League for Nursing
Inouye	Jillian	7/1/2010	6/30/2011	Research Program Planning Group (RPPG) & Research Development Working Group (RDWG)	\$43,200	Natl Inst of Child Hlth & Human Dev (NICHD), Natl Inst of Health (NIH)
Inouye	Jillian	7/1/2010	6/30/2011	Center for 'Ohana and Self-Management of Chronic Illnesses in Hawaii (COSMCI): Building Research Teams	\$203,192	NIH/National Institutes of Nursing Research (NINR)
Inouye	Jillian	10/1/2008	9/30/2010	Cognitive Behavioral Intervention in Diabetes Self-Management - ARRA Research Supplement, Awardee: Mirella Vasquez-Brooks	\$237,913	NIH/National Institute of Nursing Research
Koury	Merle	7/1/2010	6/30/2011	Advanced Education Nursing Traineeship Program	\$45,914	HRSA, Bureau of Health Professions
Niederhauser	Victoria	9/27/2010	9/26/2012	Evaluating Innovations in Nursing Education (EIN)	\$300,000	Robert Wood Johnson Foundation (Evaluating Innovations in Nursing Education)
Qureshi	Kristine	7/26/2010	8/25/2012	Simulation Learning PC Screen-Based Vs. High Fidelity	\$799,887	US Army Medical Research & Materiel Command/Department of Defense
Shannon	Maureen	7/1/2010	6/30/2013	Spousal Deployment During Pregnancy: The Impact on Medical Utilization and Obstetrical Outcomes	\$15,017	UH SONDH/PRMC partnership
Shannon	Maureen	7/1/2010	6/30/2013	The Efficacy of Written and Verbal Pelvic Floor Exercise Discharge Instructions in Reducing Urinary Incontinence Among Postpartum Patients	\$24,974	UH SONDH/QMC partnership
Tse	Alice	7/1/2010	6/30/2013	Providing a "Good Death:" Emergency Department Nurses' Interventions for Improving End-of-Life Care	\$25,000	UH SONDH/QMC partnership
Wong	Lorrie	9/1/2010	8/31/2011	Educational Equipment to Enhance Baccalaureate Clinical Educational Experience	\$300,000	HRSA, Bureau of Health Professions
Wong	Lorrie	9/1/2010	8/31/2011	Educational Equipment to Enhance Advanced Education in Nursing	\$300,000	HRSA, Bureau of Health Professions

Student Scholarly Endeavors 05/01/2010–11/30/2010

Michael Palazzo (nursing, doctoral candidate). (2009-2011) Principal Investigator, "Pilot Testing: A Paperless Nursing Assessment of Medical, Psychiatric, and Addiction Treatment and Reentry Needs Among Women at Jail Intake."

Alona Angosta (nursing, doctoral candidate). (2010, June) "Coronary Heart Disease Knowledge and Risk Factors among Filipino-Americans Connected to Primary Care Services", podium presentation, 26th National Conference of the American Academy of Nurse Practitioners (AANP), Las Vegas, NV; (2010, Oct) "Concept Analysis of Risk in Relation to Coronary Heart Disease Among Filipino-Americans." *Nursing Forum*, 45(4), 253-9.

Johnelle Chock (nursing, undergraduate). (2010, November) "Translation of Risk Factors for Falls and Traumatic Brain Injury into Fall Prevention Intervention Among Persons Age 65 Years and Older". Poster presentation, Annual Biomedical Research Conference for Minority Students, Charlotte, NC, and (2010, August) podium presentation, Centers for Disease Control–National Center for Injury Prevention and Control, Project IM-HOTEP (Arnetra Herbert, mentor), Atlanta, GA.

Christina Beyers (Undergraduate Student Assistant, P20 Center for 'Ohana and Self-Management of Chronic Illnesses). (December 10, 2010) Awarded 1st place for both her poster and oral presentations of "Daring to Defy Diabetes: analysis of Physiological Outcomes in Patients with Type 2 Diabetes Through the Understanding of the Self-Care Model", Social Sciences category, Fall Forum, the Honors Program for undergraduates, University of Hawaii at Manoa, Honolulu, HI.

A Sample of Upcoming Scholarly Events 2011

- American Association of Colleges of Nursing (AACN) 2011 Doctoral Education Conferences, January 26-29, San Diego, CA.
- National Cancer Institute's Multilevel Interventions in Health Care: Building the Foundation for Future Research, March 4-5, Las Vegas, NV.
- Pacific Institute of Nursing Advancing Practice, Education & Research Conference, March 30-April 1, Honolulu, HI.
- University of Hawaii's University Research Council Undergraduate Research Symposium, Spring, Honolulu, HI.



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