Bloomberg Faculty of Nursing Research Report 2008 – 2010

Linda McGillis Hall, RN, PhD, FAAN, FCAHS
Professor, Associate Dean of Research and External Relations
Lawrence S. Bloomberg Faculty of Nursing,
University of Toronto

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Writer/Editor
Dr. Linda McGillis Hall

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ASSOCIATE DEAN’S MESSAGE

Welcome to our second Research Report for the Lawrence S. Bloomberg Faculty of Nursing which was developed to acknowledge the substantial nursing research contributions that faculty make to the health and care of Canadians as well as the discipline of nursing overall. It reflects the research activity of our scholars for the two-year period from April 1, 2008 to March 31, 2010. The Bloomberg Faculty of Nursing at the University of Toronto is widely recognized as a research-intensive environment that promotes education and scholarship in nursing. Our faculty are world-class scholars whose expertise has shaped the discipline of nursing. Bloomberg faculty research activity demonstrates the integration of teaching and research in our core graduate fields of study. Within these core study fields individual Bloomberg faculty are clustered in three research areas: effective care and health outcomes, nursing health systems, and critical approaches to health and health care. Our undergraduate, master’s and doctoral students are provided with opportunities to experience research through active engagement with Bloomberg faculty in their programs of research within these research fields.
RESEARCH FIELDS

Effective Care and Health Outcomes

The focus of this research field is on rigorous evaluations of conventional and innovative forms of nursing care, using randomized controlled trials, theory-driven evaluations, and systematic reviews of the evidence. Studies are conducted in formal and informal health-care settings, addressing a wide variety of health and illness issues in, for example, maternal-newborn health, cancer care, genetics, critical care, cardiovascular disease, acute and chronic pain in adults, infants and children, and in the area of sleep. Many of the studies are multi-disciplinary and international in scope. In this Research Report, we profile the work of one of our faculty members, Dr. Louise Rose, the Lawrence S. Bloomberg Limited-Term Professor in Critical Care whose program of research focuses on improving the experiences of the mechanically ventilated patient. In addition, the doctoral research of Orla Smith a recent recipient of a Sir Frederick Banting and Dr. Charles Best Canada Graduate Scholarship from CIHR on decision-making in critical care is described. A number of researchers in the health-care community hold affiliations with Bloomberg Nursing and are actively engaged in research and teaching here. One of our status appointees, Dr. Jennifer Stinson, a MOHLTC Career Scientist and Clinician Scientist at SickKids is highlighted for her work on chronic disease interventions with children.

Nursing Health Systems

Nursing health systems research involves the application of research methods from social and health sciences, engineering, biostatistics, and economics, to investigate questions related to nursing and health services resource planning, organization, management, financing, and delivery. Faculty in the nursing health systems field are engaged in research that informs policy and nursing health services management with the latest findings and ideas on key policy and practice issues. Research foci include health human resources, nurse migration, nursing effectiveness, nursing and health outcomes, quality work environments, health-care teams, technology, patient safety, and nursing leadership. You will read about the lifetime contributions of one of our senior professors Dr. Linda O’Brien Pallas, the Canadian Health Services Foundation (CHSRF)/ Canadian Institutes of Health Research (CIHR) Chair in Health Human Resources. Recent Masters’ graduate Heather Thomson describes how her engagement in a training opportunity offered through the Lawrence S. Bloomberg Professorship in Patient Safety led to her entering the doctoral program at the faculty to pursue her own research interests. Finally, the doctoral research of Charlotte Lee who is exploring relational coordination between health care team members under the supervision of Dr. Diane Doran is discussed.
Critical Approaches to Health and Health Care

Scholars in this field explore issues in health and health care using a range of critical and social theories as a foundation. The work of this eclectic group incorporates a number of research methodologies, with an emphasis on qualitative, participatory, and theoretical inquiry. Three strands of investigation are pursued. Several members of this field study health disparities that stem from interconnected and marginalizing social relations of gender, income inequality, disability, racism and heteronormativity. Others analyze the historical, ethical and political basis of health care. Finally, a strong focus on international and global health is reflected in research conducted in this field. You’ll read about some of the creative interdisciplinary research endeavours that one of our faculty members, Dr. Patricia McKeever is working on at Holland Bloorview - where she holds a research chair in Childhood Disability Studies. In addition, the doctoral research of Anne Simmonds examining the moral nature of intrapartum care is highlighted. At the student level, you’ll read about Aisha Mohammed’s undergraduate research experience on understanding some of the challenges faced by immigrants to Canada.

And finally, we provide an overview of our funded research chairs, research recognitions, broad national and international presence of Bloomberg research in scientific meetings, many of an interdisciplinary nature, and the scope and number of peer-reviewed faculty grants and publications.
Mission Critical

Louise Rose, PhD, RN, is a critical care nurse whose expertise related to the care of the unconscious patient, has led to the development of her research program aimed at improving the lives of patients requiring mechanical ventilation. Patients that require mechanical ventilation are critically ill – they may need ventilation following a physical trauma, post surgery, or for a variety of medical reasons such as respiratory failure and sepsis. Rose was recruited from New Zealand as the Faculty’s inaugural Lawrence S. Bloomberg Limited Term Professor in Critical Care. “Obviously U of T has a huge international profile. That is one of the reasons why I came. There are a lot of internationally renowned researchers here, especially in the area of mechanical ventilation, so there were more opportunities for collaboration with a whole group of people I wouldn’t otherwise get to meet. There are more research opportunities here.”

Her research includes a number of innovative and interdisciplinary research projects, such as the VIRTUAL ventilator, an interactive software program designed to teach mechanical ventilation to team members working in both critical care and emergency departments. Approximately 30 per cent of patients requiring mechanical ventilation will experience difficulty weaning, and if they are unable to wean, they are at risk of requiring long-term ventilation – a new area of research Rose has begun to tackle in Canada. “In Canada the data on this patient population is poor. We don’t know how many patients there are needing long-term ventilation and what kind of care they are receiving and we don’t even really know what care models are out there in the different provinces,” she says. “So we are working out strategies to get better data at a national and provincial level – which will inform better practice and ultimately improve patient outcomes.” Epidemiologic trends indicate that the number of patients at risk for and requiring long-term ventilation is rising and will continue to increase. Rose is coordinating teams in the Netherlands, United Kingdom, Greece, Switzerland, Germany and Scandinavia, to collaboratively conduct a survey assessing ICU organizational characteristics and role responsibility for management of mechanical ventilation and weaning.
Decisions Needed

A doctoral student working with Professor Kelly Metcalfe, Orla Smith is focussing her PhD on the decision-making experiences of family members (or other surrogates) of critically ill patients. A recipient of the prestigious Sir Frederick Banting and Dr. Charles Best Canada Graduate Scholarship, Smith tells us that almost 100,000 Canadians are admitted annually to intensive care units (ICU) with a critical illness, and it is anticipated that this number will continue to increase as the population ages. A number of ICU patients are incapable of participating in decision-making due to the state of their illness, so ICU healthcare providers rely on surrogates, such as family members or close friends, to make proxy treatment choices on their behalf. While the process of surrogate decision-making is assumed to extend the autonomy of the patient to those who are in the best position to express their wishes and values, Smith notes that few patients discuss these preferences with their families. “Families may not want to participate in decision-making for either treatment. Being at the bed side and seeing family members go through these difficult times and be asked to make important decisions helped spur my research interests,” she says.

Smith says that decision making in the ICU is a burgeoning area of research interest and nurses need to be at the table to ensure patients and their family get the best possible care and to inform important research that will improve the decision making processes for future families. “In the context of the ICU – nurses are the ones at the bedside 24 hrs a day 7 days a week. I think being there at 2 in the morning when someone is dying or when the family is there holding their loved one’s hand, you are there at that time when it’s really important for them to be able to ask questions,” says Smith. “I want to advocate for the families and for the patients to make their experiences better. Not all families are the same – and we can’t assume that everyone wants to be involved to the same degree in all types of decisions. People have very different approaches to decision making and we need to elicit that from them.”
**eTech Interventions**

**Jennifer Stinson** PhD, RN, SickKids Clinician Scientist, holds a MOHTLC Career Scientist award for her cutting-edge work developing chronic disease management tools for children and youth using e-technology. Focussing primarily on juvenile idiopathic arthritis, the most common rheumatic disease in childhood, Stinson developed the first electronic pain assessment diary for kids with arthritis while completing her PhD at the Lawrence S. Bloomberg Faculty of Nursing. In her program of research she continues to develop strategies to help children and youth living with chronic diseases to better manage their disease. The pain assessment diary is portable – so it goes with the child everywhere he or she goes and signals or beeps teens three times a day to complete it. Stinson says the instantaneous nature of the information exchange is the key: “The information comes right back to us at the research centre so we can immediately see how kids are doing.” She notes that it has allowed researchers and clinicians to better understand how symptoms fluctuate within and across days.

“Our direction now is to try and make an electronic clinical support decision making tool. The kids wanted us to be able to respond back and tell them, ‘You’re doing a good job,’ or ask, ‘Is your pain worse today? Have you tried A, B, or C...?’ and so we want to create a clinical decision making tool to help them better manage their pain and other symptoms.” Stinson’s research group has developed and tested the usability and feasibility of an online self-management program which provides disease specific information (common problems associated with treatment and disease), self-management strategies (how to deal with pain and stress, learning how to communicate with health care professionals, strategies for enhancing readiness for transition), and social support (opportunities to chat with other teens with the illness). “Youth want to be able to access information instantaneously, any time of day, when they want to, and when it’s convenient for them. These kinds of interventions over the Internet are they way of the future.” A self-guided Internet self-management program could help overcome current barriers that prevent Canadian adolescents with arthritis from receiving appropriate therapies.
Evidence to Action

The career of Dr. Linda Lee O’Brien Pallas can be described as a journey in the pursuit of nursing excellence. After starting her career as a staff nurse, she became a professor at the University of Toronto in 1987 – the same institution where she had also earned her BScN, MScN and PhD. As a researcher, O’Brien Pallas made pivotal contributions to nursing by co-founding the Quality of Nursing Worklife Research Unit in 1990 at the Bloomberg Faculty of Nursing. For two decades, the unit has provided compelling research evidence to inform national nursing initiatives and policy-making within the Ontario Ministry of Health and Long Term Care. This year, the unit currently named the Nursing Health Services Research Unit marked its 20-year anniversary.

In 2000, O’Brien Pallas became the inaugural CHSRF/CIHR National Chair Holder in Nursing Health Human Resources. The ten-year award supported her comprehensive and innovative research program, which built policy and human resources through the development of a national network of decision makers, administrators, nurses and future scientists. The expertise of O’Brien Pallas has also extended to a national and international level. She has been invited to speak in almost every jurisdiction in Canada and served as the corporate director for Nursing Resource Planning for the Board of the Canadian Nurses Association from 2000 - 2004. Her Health Human Resources Conceptual Framework, mapping the health care needs of the population, has been widely adopted. O’Brien Pallas also worked with the World Health Organization to develop an international work plan for nursing and midwifery, and collaborated with the International Council of Nurses through committees, research consultation and publications. In addition, she provided consultation on policy initiatives in Ireland, China, Italy, Australia and New Zealand. Perhaps the depth of O’Brien Pallas contribution to nursing was best exemplified at her festschrift, a scholarly symposium held in her honour this May. Past colleagues, students and collaborators, who are among the country’s most important figures in nursing and health services, were present to celebrate her lifetime achievements.
New PhD student, **Heather Thomson** is interested in research that examines communication practices in health care, after holding a fellowship with the Bloomberg Professor in Patient Safety, Dr. Ann Tourangeau. “I saw the fellowship opportunity in my last year of my Masters here. I was interested in patient safety all along because I have a background in aviation,” says Thomson. “I didn’t really understand the breadth of patient safety before getting involved in this fellowship. There are just so many aspects - communication, diagnosing, medication errors, and reporting. This is why we can’t rely on memory when it comes to communicating. Relying on memory will lead to errors.” How nurses and doctors communicate with each other can be challenging, but Thomson says patient safety has to come first, and that means not relying on memory when it comes to patients’ needs.

Thomson advocates for a communication check list like they use in aviation and the well-known “SBAR” – which stands for; situation, background, assessment, recommendation – that would help ensure important details aren’t left out when nurses and doctors communicate. “There aren’t a lot of patient outcomes linked to communication because this area hasn’t been well studied,” she says. Thomson has been an emergency room nurse since 2006, where the hierarchy is perhaps more “flat” than elsewhere, but Thomson says there are fundamental problems that need to be overcome before any check list or communications protocol can work effectively. She says that beside the typical issues with nurse-to-physician communication, there are also issues with nurse-to-nurse communication and hand-over. “A check list would be a kind of formalizing of the nurse to physician communication. So a check list or protocol does empower the nurses a bit, to take charge and say what should be done,” she says. “A lot of the literature on nursing says just that – that nurses KNOW what needs to be done but, they don’t say anything.” If Thomson’s research is translated into practice, communication practices should be enhanced in ERs.
Relational Coordination

One might think that studying physician – nurse relationships would come naturally to Bloomberg nursing PhD student Charlotte Lee, as she is married to one. An oncology nurse at Princess Margaret Hospital, Lee is now honing her research skills under the supervision of Bloomberg Professor Diane Doran of the Nursing Health Services Unit. She is recruiting 120 physician – nurse pairs for her research that examines a specific form of care coordination - relational coordination in outpatient clinics. Lee argues that relational coordination can be explained by the social capital embedded within nurse - physician teams. Nurses are often assigned to several physicians, so the challenging part for Lee is pairing them up. She strongly believes that relational coordination is the key to achieving seamless patient care, particularly in the current healthcare work environment where providers are challenged by higher complexity, increasing time constraints and uncertainty.

Lee explains the reasoning behind her study topic. “I think trust (a form of social capital) is an integral part of having relational coordination. Social capital is the capital we have as a collective and it is embedded within relationships.” And, she adds, “You can’t deny that we have a relationship with the physician.” Lee claims that social capital embedded within relationships has been shown to enhance communication and other aspects of coordination. “If you have knowledge of how the other person works, you would probably know the most effective way to communicate with them; or, if there is no trust in that relationship, there may be more back and forth clarifications. This may prolong wait times in clinics. “Nurses are often at the centre of patient care, and in outpatient settings they are the coordinators of patient care as a whole, so it’s inevitable that nurses play an important role in relating to everybody. So I think nurses are probably more affected by these relational dynamics – being at the centre of managing patient care.” Lee says she is doing this research – and is a nurse – because she cares about patient care. “I always say at the end of the day, above and beyond it all – how am I contributing to nursing? How am I as a nurse? I want my research to be transferrable.” Lee will be analyzing her data results over the next year and hopes to complete that stage of her research by the end of 2010.
**CRITICAL APPROACHES TO HEALTH AND HEALTH CARE FIELD**

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**They Don’t Have Special Needs – They Have Ordinary Rights**

In many ways my career is “…like two ends of the circle joining,” says Patricia McKeever, who started volunteering at Bloorview over 40 years ago when she was a nursing student at the Toronto General Hospital. McKeever’s goal to improve the wellbeing and inclusion of disabled children has led to a rewarding research and teaching career at the Bloomberg Faculty of Nursing and Holland Bloorview Kids Rehabilitation Hospital (formerly Bloorview Kids Rehab) – Canada’s largest children’s rehabilitation hospital and a world-class teaching hospital fully affiliated with the University of Toronto. A nurse sociologist by training – she says her job is to redress environmental policy and social barriers to enable these children and their families to thrive. McKeever holds the inaugural Chair in Childhood Disability Studies. She became the chairholder in 2007 after finishing the co-directorship of the highly successful CIHR-funded Health Care, Technology and Place (HCTP) interdisciplinary graduate program at U of T. McKeever is working on a number of interdisciplinary research studies several of which focus on the environments for physically disabled children. “When health care providers or researchers work with children who have chronic illnesses or disabilities, we affect their very childhood and their construction of themselves as people. At Holland Bloorview we want each child to perceive him/herself as being worthy of inclusion and fun and beauty,” she says. One great example of this in McKeever’s research is the “Waiting Wall” project at the Holland Bloorview outpatient clinic. “This is so cool,” she begins to explain. “The waiting room floor is covered with squares of carpet that can be lifted up. One side consists of a frosted glass wall with a projection screen, behind which the administrative staff works. We put a sensor under each square so when anyone stands or wheels or lies on the square – something happens on the wall. For example, pressure causes a vine to grown on the screen and when the child steps to the next square and stands still a blossom ‘grows’ on the vine. The images are programmed, so they can all be changed. We’re all very excited about this innovative intervention.” Another creative research initiative is the musical stairs project, where ordinary stairs used for physical therapy will be transformed into musical keys so that children are playing music when they step up and down the stairs. McKeever took the idea from a Stockholm musical subway staircase, which aimed to encourage patrons to use the stairs rather than escalators. (It worked!)
Who You Are Influences How You Care

Anne Simmonds, a recent doctoral graduate from the Bloomberg Faculty who studied with Professor Elizabeth Peter, examined the moral nature of intrapartum care. Her interest in maternal-child care began during her BScN when a friend found herself unexpectedly pregnant and asked if she would be her support. “I was surprised by the way she was cared for and how she was judged, the way she was treated depending on who was looking after her, and how they respected or didn’t respect her choices.” One day she read an article about caring for women in childbirth by renowned Bloomberg researcher Ellen Hodnett. “I was calling her to give her a piece of my mind – I can’t even remember what it was about now,” says Simmonds with a laugh, “But I disagreed with a point she had made – and I expected to get her machine, but she answered!” Hodnett ended up inviting Simmonds, who had been working as a “doula” for many years, to be part of a research project that examined whether or not nurses could provide effective labour support during childbirth. “It was a wonderful opportunity because it brought me back to the idea of research in nursing.” After the study Simmonds worked as a labour and birth nurse while completing her Master’s degree. It was during this work that she identified her research question.

“We all have a different orientation to care,” she says, “Yet it would appear from nursing school and the nursing literature that we learn the standards and the ethical codes and we go and practice. And who were are as people is erased. It’s kind of assumed that you park your values at the door and go in and practice,” she says. She decided to pursue a PhD in the collaborative nursing and bioethics program offered through Bloomberg and The Joint Centre for Bioethics. Simmonds analyzed the stories of 14 labour and delivery room nurses and found that nurses enacted their moral responsibilities to women in childbirth in a variety of ways depending on their personal history and professional experience, the people involved and the context of care. A key factor influencing the recognition and response to labouring women was the degree to which understandings and expectations related to birth were deemed to be reasonable and mutually agreed upon among and between nurses, other care providers, and women and their families.
The Plight of Undocumented Workers

In Ontario, immigrants are not entitled to OHIP coverage for the first three months they are here. The social determinants of health – such as food, security, income distribution, job security, and housing paint a bleak picture of the health status of this ever-growing economic sector. Researchers at the Bloomberg Faculty of Nursing at U of T are working on innovative research projects to help the plight of undocumented workers that specifically focus on health. Aisha Mohammed was completing her BScN at the Bloomberg Faculty and was enlisted last summer by Bloomberg Professor Denise Gastaldo, a tri-lingual community health research expert working on a number of projects in the area of gender and migration as social determinants of health. Mohammed said she always knew she wanted to work on issues pertaining to the health of immigrant populations and women in particular, so when she saw the research opportunity, she went for it.

Working with Gastaldo on the gender-focused immigrant worker project was her first choice. When she started her summer role with Gastaldo she reviewed 30 interviews with landed immigrant women from China, Korea, India, the Middle East, South America, Africa, Hungary and Austria working in the GTA and Mohammed’s job was to code the interviews, identifying themes including gender divisions of labour, day care, health care and housing. After synthesizing these, she began a literature review which helped inform the next stages of the research, outlining the relationship between immigrants’ health and social determinants of health, particularly, job insecurity. She said that her time at Bloomberg and the research she has done has really opened her eyes to a lot of the issues in our society. “The work I helped Denise with is very valuable because for the next 50 years we will have a flow of immigrants coming in to the country and as it is we can’t meet the demands. And Canada isn’t cutting back on immigration any time soon. I think the government should be prepared to provide resources for immigrant workers – both document and undocumented – to increase their well-being and improve their mental health so they can be productive members of society: Because without your health you have nothing.”
The Lawrence S. Bloomberg Faculty of Nursing has an unprecedented nine research chairs, more than any other nursing faculty in Canada. Eight of these are currently filled by Bloomberg faculty members, while one is vacant. Research chairs are achieved by faculty members who have demonstrated global leadership in their field in academic excellence and research scholarship. Several of the research chairs held within the Lawrence S. Bloomberg Faculty of Nursing are funded from national peer-reviewed competitions, while others are endowed research chairs in collaboration with affiliated academic health science centres.

Vacant  - CAMH Psychiatric and Addiction Nursing Research Chair  
(with the Centre for Addiction and Mental Health)

**Effective Care and Health Outcomes Field**

Dr. Ellen Hodnett  - Heather M. Reisman Chair in Perinatal Nursing Research  
(with Mount Sinai Hospital)

Dr. Bonnie Stevens  - Signy Hildur Eaton Chair in Paediatric Nursing Research  
(with SickKids Hospital)

Dr. Arlene Bierman  - Ontario Women’s Health Council Chair in Women’s Health  
(with St. Michael’s Hospital)

Dr. Doris Howell  - RBC Chair in Oncology Nursing Research  
(with the University Health Network)

Dr. Cindy-Lee Dennis  - Canada Research Chair in Perinatal Community Health (Tier 2)

Dr. Sean Clarke  - RBC Financial Group UHN Chair in Cardiovascular Nursing Research  
(with the University Health Network)

**Nursing Health Systems Field**

Dr. Linda O’Brien-Pallas - CHSRF /CIHR Chair in Nursing Human Resources

**Critical Approaches to Health and Health Care Field**

Dr. Patricia McKeever – Bloorview Kids Foundation Chair in Childhood Disability Studies  
(with Holland Bloorview Kids Hospital)
WHERE IN THE WORLD IS BLOOMBERG NURSING? *

Accra, Ghana Biennial Conference of the Association for the Study of the Worldwide African Diaspora
Acapulco, Mexico International Symposium on Pediatric Pain
Amelia Island, Florida Pediatric Sleep Medicine Conference
Amsterdam, Netherlands International Conference on Workplace Violence in the Health Sector
Anaheim, California Society for Epidemiologic Research
Antwerp, Belgium Nursing in North America and the Magnet Movement, Antwerp University Hospital
Atlanta, Georgia American Academy of Nursing
Atlanta, Georgia Gerontological Society of America Annual Scientific Meeting
Atlanta, Georgia International Conference on Cancer Nursing
Atlanta, Georgia National African American MSM Leadership Conference on HIV/AIDS
Baltimore, Maryland Association of Professional Sleep Societies Annual Meeting
Baltimore, Maryland International Nursing Administration Research Conference
Baltimore, Maryland Pediatric Academic Societies
Banff, Alberta Biennial Scientific and Educational Conference, Canadian Gerontological Nursing Association
Belfast, Ireland British Association of Critical Care Nurses
Bern, Switzerland Developing Research Evidence for Safer Hospitals
Boston, Massachusetts Nursing Management Recruitment and Retention Conference
Bragg, North Carolina National Nurses Week, Womack Army Medical Center

* CONFERENCE AND INVITATIONAL PRESENTATIONS BY FACULTY
WHERE IN THE WORLD IS BLOOMBERG NURSING?

Brisbane, Australia  Nursing Leadership Forum
Buffalo, New York  International Childbirth Educators Association
Calgary, Alberta  Association for Health Services & Policy Research
Cancun, Mexico  Sigma Theta Tau International
Champagne, Illinois  International Congress of Qualitative Inquiry
Chicago, Illinois  Academy of Health Annual Research Meeting
Chicago, Illinois  International Conference on Learning
Chicago, Illinois  International Pain Society
Chile  WHO/PAHO Primary Health and Occupational Health Conference
Cincinnati, Ohio  National Institute of Occupational Safety and Health
Copenhagen, Denmark  Annual European Congress of Rheumatology
Copenhagen, Denmark  International Society for Quality in Health
Cordoba, Spain  International Nursing Research Conference
Denver, Colorado  Annual Research and Evidence-Based Practice Symposium
Dublin, Ireland  European Society for Cardiology
Dublin, Ireland  Interdisciplinary Conference on Transforming Healthcare
Durban, South Africa  International Council of Nurses Quadrennial Congress
Edmonton, Alberta  Canadian Council of Cardiovascular Nurses
Edmonton, Alberta  Canadian RAI Conference
Florence, Italy  World Psychiatric Association International Congress
Florianópolis, Brazil  Hospital Polydoro Santos Filho—Federal University of Santa Catarina
Gatineau, Quebec  Canadian Association of Schools of Nursing, Nursing Education Summit
Glasgow, Scotland  World Conference on Pain
Glendale, Arizona  Western Institute of Nursing Annual Research Conference
Halifax, Nova Scotia  Canadian Association of Psychosocial Oncology
Halifax, Nova Scotia  Canadian Public Health Association
Hawaii, USA  Congress of the Society of Critical Care Medicine
Hong Kong, China  Hong Kong Nursing Forum
Indianapolis, Indiana  International Nursing Administration Research Conference
Innsbruck, Austria  European Health Management Association
Iowa City, Iowa  National Evidence-Based Practice Conference
Isle of Crete, Greece  International Society for Equity in Health
Istanbul, Turkey  European Congress of Perinatal Medicine
Istanbul, Turkey  European Congress on Public Health
Jerusalem, Israel  Sigma Theta Tau International Nursing Research Conference
Kingston, Ontario  Cardiac Sciences Conference
Lages City, Brazil  Santa Catarina Schools of Nursing, Brazilian Association of Nursing
Leuven, Belgium  Building Safe Care National Conference, University Hospital Leuven
Lisbon, Portugal  European Federation of International Association for the Study of Pain Chapters
Lisbon, Portugal  European Society of Intensive Care Medicine
London, England  International Association of Homes and Services for the Ageing
London, England  Pediatric Rheumatology European Society Congress
London, England  United Kingdom Oncology Nursing Society Annual Conference
London, England  University College London-World Health Organization Conference
Madrid, Spain  Comision sobre desarrollo de intervenciones para la reduccion de desigualdades sociales Malmo, Sweden  European Society of Cardiology
Marrakesh, Morocco  World Congress of Francophone Nurses
Maryland, Baltimore  International Nursing Administration Research Conference
Maryland, Baltimore  Summer Institute in Nursing Informatics Conference
Melbourne, Australia  Australian College of Critical Care Nurses
Melbourne, Australia  World Conference of the Promotion of Mental Health and the Prevention of Mental and Behavioural Disorder
Miami, Florida  National Institute for Occupational Safety and Health
Milwaukee, Wisconsin  Building Bridges to Research Based Nursing Practice Conference
Mississauga, Ontario  Canadian Nursing Informatics Association Conference
Montreal, Quebec  Canadian Association of Nurses in Oncology
Montreal, Quebec  Canadian Geriatric Society
Montreal, Quebec  Canadian Pain Society Annual Scientific Meeting
Montreal, Quebec  Canadian Pulmonary Hypertension Forum
Montreal, Quebec  International Society of Geriatric Oncology
Nairobi, Kenya  International Conference on Urban Health
National Harbor, Maryland  Gerontological Society of America
New Orleans, Louisiana  Gerontological Society of America
Orlando, Florida  International Multi-Conference on Engineering and Technological Innovation
Ottawa, Ontario  Association of Ontario Health Centres
Ottawa, Ontario  Association of Women’s Health, Obstetric and Neonatal Nurses
Ottawa, Ontario  Canadian Geriatrics Society
Ottawa, Ontario  Royal College’s International Conference on Residency Education
Palm Springs, California  National Gerontological Nursing Association
Paris, France  International Association of Gerontology and Geriatrics
Paris, France  International Forum on Quality and Safety in Health Care
Perth, Australia Australia and New Zealand Intensive Care Society
Perth, Australia International Congress on Innovations in Nursing
Porto Alegre, Brazil World Congress of Epidemiology
Quebec City, Quebec Canadian Pain Society Annual Scientific Meeting
Quebec City, Quebec Canada’s Health Informatics Association (COACH) eHealth Conference
Quito, Ecuador Pan-American Health Organization Research Colloquium
Reykjavik, Iceland Institute of Nursing of Science, University of Iceland
Ribeirão Preto, Brazil Meeting of Mental Health Researchers and Specialists in Psychiatric Nursing
Rio de Janeiro, Brazil Latin American Studies Association International Congress
Rio Mar, Rio Grande, Puerto Rico North American Primary Care Research Group
Sacramento, California Global Health Ethics and Human Rights Conference
San Antonio, Texas Associated Professional Sleep Societies
San Diego, California American Public Health Association
San Diego, California American Thoracic Society International Conference
San Diego, California Indian Health Service Annual Meeting of the National Combined Councils
San Diego, California Meeting of the American Public Health Association
San Francisco, California Impact of Patient Safety Initiatives on Nursing Productivity Conference
San Francisco, California International Congress of Emergency Medicine
San Jose, Costa Rica International Conference on Epidemiology in Occupation Health
San Juan, Puerto Rico Congress on Qualitative Health Research
San Juan, Puerto Rico Meeting of the Society for the Scientific Study of Sexuality
Santiago, Chile Global Inter country Meeting on Integration of Occupational Health in Primary Care
Scottsdale, Arizona National Council of State Boards of Nursing
Seattle, Washington Associated Professional Sleep Societies Annual Meeting
Singapore, Asia International Society of Nurses in Cancer Care
South Beach, California Medicine Meets Virtual Reality Annual Conference
St. John, New Brunswick Canadian Association of Schools of Nursing
St. John’s, Newfoundland Canadian Association of Nurses in Oncology
Stockholm, Sweden European Congress on Violence in Clinical Psychiatry
Stockholm, Sweden Karolinska Institute, Centre for Gender Medicine
Suntec, Singapore International Nursing Research Congress
Sydney, Australia Nursing Workforce Trends, Health Future
Tampa, Florida Facing Our Risk of Cancer Empowered (FORCE) Annual Conference
Uppsala, Sweden Uppsala University Hospital and Uppsala University Faculty of Medicine
Urbana-Champaign, Illinois International Congress of Qualitative Inquiry
Vancouver, British Columbia Annual Qualitative Health Research Conference
Vancouver, British Columbia Canadian Association of Psychosocial Oncology
Vancouver, British Columbia Canadian Foundation for Advanced Research
Vancouver, British Columbia Canadian Pain Society
Vancouver, British Columbia International Society for Urban Health
Vancouver, British Columbia Pediatric Academic Societies’ Annual Meeting
Vancouver, British Columbia Social Dimensions of Chronic Diseases in Latin America
Victoria, British Columbia Canadian Pain Society
Victoria, British Columbia International Sickness and In Health Conference
Vienna, Austria European Society of Intensive Care Medicine
Vienna, Austria World Conference on Educational Multimedia Hypermedia & Telecommunications
Vienna, Austria World Congress of Psycho-Oncology
Warsaw, Poland European Congress Epidemiology for Clinical Medicine and Public Health
Washington DC, Washington American Association of Cancer Research
Washington, DC, Washington American Public Health Association
Washington DC, Washington Council for the Advancement of Nursing Science
Washington DC, Washington Gerontological Society of America
Yokohama, Japan Japanese Society of Nursing Research Conference
Bloomberg International Professorships and Postdoctoral Fellows

The fall 2007 announcement of the generous $10 million dollar donation from financier Lawrence S. Bloomberg provided the opportunity to expand our innovation and excellence in research internationally. To generate increased international collaboration opportunities, a visiting professor and post-doctoral fellowship were developed.

Frances Bloomberg International Distinguished Visiting Professors

1. **Dr. Alex Molassiotis**, from the University of Manchester in the United Kingdom was named to the position of the Frances Bloomberg International Distinguished Visiting Professor for the academic year of 2007 - 2008. Dr. Molassiotis is Professor of Cancer and Supportive Care, School of Nursing, Midwifery and Social Work, University of Manchester. A leading figure in cancer nursing research and end of life care in the UK and Europe, his focus was on the development of capacity building initiatives in collaboration with Bloomberg clinical partner Dr. Doris Howell, RBC Oncology Nursing Chair for the development of research in cancer and palliative care nursing.

2. Beginning in the fall of 2008, **Dr. Wendy Chaboyer** a Professor in Nursing at Griffith University in Australia was named the Frances Bloomberg International Distinguished Visiting Professor. Dr. Chaboyer liaised with Bloomberg Limited-Term Professor Dr. Diane Doran in linking with a number of clinical affiliate agencies while at the Bloomberg faculty. These initiatives focused on the area of patient safety on projects directed towards improving nursing handover and assessing competence in the operating room.

3. Throughout 2009 – 2010 **Dr. Judith Oulton** was named to the post of Frances Bloomberg International Distinguished Visiting Professor. An influential health policy leader, Dr. Oulton has served as CEO of the Geneva-based International Council of Nurses (ICN), the federation of national nurses representing more than 130 countries worldwide. During her time at the Bloomberg faculty she worked with the International office to enhance our international profile and strengthen global interactions for the faculty.
**Tim Kierans International Postdoctoral Fellows**

1. **Marit Leegaard** from the University of Oslo in Norway was named to the position of Tom Kierans International Postdoctoral Fellow and worked with Professor Judy Watt-Watson during 2007 - 2008. Ms. Leegaard, an expert clinician in pain and anaesthesia, joined the Faculty upon completion of her doctorate at the University of Oslo. Her work at Bloomberg Nursing was in the area of pain, focusing on cardiac pain and she built collaborative research links with nurses in cardiac teams in Toronto and internationally.

2. **Maria Schubert** from the University of Basel was selected as the Tom Kierans International Postdoctoral Fellow for 2008-2009 working with Professor Sean Clarke. Dr. Schubert is a nursing outcomes researcher with an extensive practice background and experience as a critical care clinical nurse specialist. During her postdoctoral training at the Bloomberg faculty she continued her work on quality of care issues including examining the clinical judgment exercised by nursing in direct care roles in hospital work environments and patient outcomes including delirium in critical care.

3. **Teresa Moreno-Casbas** joined the faculty throughout 2009 – 2010 from the Ministry of Health in Spain. Dr. Moreno has played a leading role in the development of training programs for nurse investigators and in the funding of nursing research in Spain. Her postdoctoral fellowship at the Bloomberg faculty with Professors Sean Clarke and Denise Gastaldo focused on nurses’ research utilization and knowledge translation efforts, including system and organizational factors that promote and hinder the advancement of nursing scholarship. She worked closely with the RNAO in translating the Best Practice Guidelines for use in the Spanish health care environment.
RESEARCH PERSONNEL AWARDS

Faculty researchers from the Lawrence S. Bloomberg Faculty of Nursing have also achieved substantial success in research personnel award competitions, both at the national and provincial levels. Research personnel awards are designed to support the development and retention of emerging research scientists who have been judged by their peers as outstanding in their field of study. These programs support training and early career development by providing some salary support to the Bloomberg Faculty for the research and scholarly activities of these select investigators. Research personnel awards held by Lawrence S. Bloomberg Faculty of Nursing researchers include Canadian Institutes of Health Research (CIHR) New Investigator Awards, Ontario Ministry of Health and Long-Term Care (MOHLTC) Career Scientist and Nursing Senior Career Awards.

CIHR New Investigator Awards
Dr. Robyn Stremler  July 2008 to June 2011
Effective Care and Health Outcomes Field
The TIPS for Infant and Parent Sleep Trial

Dr. Kelly Metcalfe  July 2007 to June 2012
Effective Care and Health Outcomes Field
Differences in uptake of cancer prevention options in Canadian women with a BRCA1 or BRCA2 mutation

Dr. Janet Angus  July 2006 to June 2011
Critical Approaches to Health and Health Care Field
Locating barriers and supports to maintenance of risk modifications in coronary artery disease

MOHLTC Nursing Career Award Recipients
Dr. Linda McGillis Hall  July 2009 to June 2012
Research Field: Nursing Health Systems
Type of Award: Senior Nursing Career Award

Dr. Diane Doran  July 2009 to June 2012
Research Field: Nursing Health Systems
Type of Award: Senior Nursing Career Award

Dr. Jessica Peterson  July 2009 to June 2012
Research Field: Nursing Health Systems
Type of Award: Junior Nursing Career Award

Dr. Raquel Meyer  July 2009 to June 2012
Research Field: Nursing Health Systems
Type of Award: Junior Nursing Career Award
MAJOR APPOINTMENTS

Arlene S. Bierman
2008 – 2011 Member, Reappointed to the Ontario’s Health Quality Council with the Ministry of Health and Long-Term Care
2007 – Present Chair, Performance Measurement Advisory Board, Ontario Health Quality Council

Carles Muntaner
2009 – 2010 Member, CDC’s Community Guide Planning Team on Interventions to Reduce Health Disparities
2007 – 2010 Co-chair, Employment Conditions Network of WHO Commission on Social Determinants of Health

Elizabeth Peter
2009 – 2011 Expert Faculty Member, Nurse Faculty Mentored Leadership Development Program, Sigma Theta Tau International
2007 – Present Chair, Canadian Nurses Association Ethics Advisory Committee

Ellen Hodnett
2008 – Present Member, Institute Advisory Board, Canadian Institutes for Health Research for Human Development, Child and Youth Health
2005-Present Member, Scientific and Technical Advisory Group (STAG) for World Health Organization, Department of Reproductive Health and Research

Katherine McGilton
2009 – Present Executive Committee, Canadian Association of Gerontology
2007 – Present Board of Directors, National Initiative for Care of Elderly

Linda McGillis Hall
2010 Member, National Task Force on Nurse Staffing and Models of Care, Canadian Nurses Association

Sioban Nelson
2010 Member, Sigma Theta Tau International (STTI) Research and Advisory Committee
2009 - Present Founding co-chair, History Section, International Council of Nurses
2007 – 2009 Member, Honor Society of Nursing, Sigma Theta Tau International Board of Directors
RESEARCH GRANTS

**Canadian Institutes of Health Research [CIHR] – Operating Grants Competitions**

**Title:** Achieving gender equity in health: From evidence to action  
**Investigators:** Bierman, A.S., Riutort, M., Lin, V. & Berlin, M.  
**Agency:** Canadian Institutes of Health Research and Institute of Gender and Health  
**Start & Finish Date:** 2009-2010  
**Amount:** $8,500

**Title:** Measuring and understanding gender equity in access to care  
**Investigators:** Brown, A., Abramson, B., Bierman, A.S., Levinton, C., Mahomed, N., Stewart, D. & Wilson, C.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2009–2010  
**Amount:** $78,021

**Title:** What factors promote and inhibit women’s participation in secondary prevention services for Coronary Heart Disease? A meta synthesis to improve service usage.  
**Investigators:** Clark, A. & Angus, J.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2008–2010  
**Amount:** $100,000

**Title:** Housing and mental health in the Toronto GTA  
**Investigators:** PI: Dunn, J. Co-PI: Muntaner, C.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2008 – 2012  
**Amount:** $501,265

**Title:** Exploring ethical practice in palliative home care using appreciative inquiry  
**Investigators:** Edwards, M., McClement, S.E., Peter, E. & Roger, K.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2009–2011  
**Amount:** $66,462

**Title:** From Body to brain: Whole body experiences of FGC  
**Investigators:** Einstein, G. & Angus, J.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2009–2010  
**Amount:** $100,000

**Title:** Exploring mentorship as a strategy to build capacity for knowledge translation research and practice  
**Investigators:** PI: Gagliardi, A.; Co-investigators: Bell, M., Levinson, W., Rotstein, O., Strauss, S., & Tourangeau, A.
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009-2010  
Amount: $83,765

Title: Developing population Interventions for migrant perinatal health equity  
Investigators: Gagnon, A., Carnelvale, F., Dennis, C.L., Rousseau, H., Saucier, J.F., Stewart, D., Wahoush, O.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2010–2011  
Amount: $73,900

Title: The health consequences of gendered economic migration: The case of Latin American undocumented workers in Ontario  
Investigators: PIs: Gastaldo, D. & Magalhaes, L.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009–2012  
Amount: $156,000

Title: Labour Position Trial 2  
Investigators: Hodnett, E., Stremler, R., William A., Halpern, S. & Windrim, R.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2010–2011  
Amount: $100,000

Title: Sustainable telephone-based support for mothers with postpartum depression  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009–2011  
Amount: $199,099

Title: A person-centred communication intervention  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009–2011  
Amount: $306,547

Title: Patient-centred communication intervention  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009-2010  
Amount: $261,000

Title: The social aetiology of mental disorders  
Investigators: PIs: McKenzie, K. & Muntaner, C.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009-2013  
Amount: $300,000
Title: Popular participation in the Venezuelan health reform Barrio Adentro
Investigator: Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2011
Amount: $25,000

Title: An evidence-based algorithm to quantify risk-benefit decision-making for use of antidepressant medication during pregnancy and lactation
Investigators: PI: Ross, L. & Grigoriadis, S.; Co-Investigators: Cheung, A., Dennis, C.L., Steiner, M., & Gideon, K.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2009
Amount: $98,000

Title: Do nursing outcomes databases affect organizational and patient outcomes?
Investigators: Sales, A.E., Besner, J., Giblin, C., White, D., Estabrooks, C.A., Cummings, G., & Doran, D.M.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2009
Amount: $99,989

Title: Pain in infants at risk for neurologic impairment (PINI): Phase 3
Investigators: Stevens, B., Gibbins, S., McGrath, P., et al.
Agency: Canadian Institute of Health Research
Start & Finish Date: 2008-2012
Amount: $859,230

Title: Translating research on pain in children (TROPIC) study
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2012
Amount: $1,379,952

Title: Sleep Troubles and Relationship Perinatal (STAR) Outcomes Study
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $200,000

Title: Communicating about errors in nursing home settings
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2010
Amount: $80,390
Title: Towards a global interdisciplinary evidence-based practice: IPV in the Ethiopian context  
Investigators: Bender, A., Guruge, S. & Hyman, I.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2008-2009  
Amount: $24,480

Title: International Outcomes Measurement Symposium  
Investigators: Doran, D., Brewer, M., Chaboyer, W., Nagle, L., Pringle, D. & White, P.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2010-2011  
Amount: $13,500

Title: Dementia services and health outcomes  
Investigators: Drummon, N., Turner, D., McLeary, L., McIlton, K.S. & Hogan, D.  
Agency: Partnerships for health system improvement: Canadian Institutes of Health Research  
Start & Finish Date: 2008-2011  
Amount: $300,000

Title: Systematic review of sweet solution for acute pain relief in infants  
Agency: Canadian Institutes of Health Research Synthesis Grants  
Start & Finish Date: 2008-2009  
Amount: $99,220

Title: 1st International cancer fatigue symposium  
Investigator: Howell, D.  
Agency: Canadian Institute of Health Research  
Start & Finish Date: 2008 – 2009  
Amount: $20,000

Title: A core set of patient focused cancer care outcomes for Canada: Knowledge translation phase  
Investigators: Howell, D., Bakker, D., Chulak, T., Chundamal, J., Doran, D., Fitch, M., Green, E. & Sussman, J.  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2009–2010  
Amount: $38,000

Title: Patient-family focused cancer care outcomes: A core set of validated measures in Canada  
Agency: Canadian Institutes of Health Research  
Start & Finish Date: 2008-2009  
Amount: $100,000
Title: Canadian institute of health research team in maternal infant care
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2012
Amount: $4,902,135

Title: Training program in regenerative medicine
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2014
Amount: $1,950,000

Title: Psychosocial oncology research training program: A renewal application rationale (PORT)
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2015
Amount: $1,950,000

Title: An in-patient rehabilitation model of care targeting cognitive impairment for patients post hip fracture surgery: A demonstration project
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2012
Amount: $369,000

Title: Pain in child health 2: An innovative, transdisciplinary, cross-Canada training consortium
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2015
Amount: $325,000

Title: Knowledge exchange for evidence based gerontology content in undergraduate nursing education
Investigators: McLeary, L., McGilton, K.S., McDonald, L. & Oudshoorn, A.
Agency: Canadian Institutes of Health Research: Meeting, Planning and Dissemination Grant
Start & Finish Date: 2008-2009
Amount: $10,000

Title: Differences in health services delivery of cancer preventive options in Canadian women with BRCA1 or BRCA2 mutation
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008 - 2011
Amount: $299,878

Title: Differences in uptake of cancer preventive options by women with a BRCA1/2 mutation
Investigators: PI: Metcalfe, K.; Co-Investigators: Kim-Sing, C., Ghadirian, P., Narod, S., Sidani, S.,
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2010
Amount: $266,367

Title: Analysis of the WHS
Investigators: PI: Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2010
Amount: $45,000

Title: Planning Meetings with policy makers and community groups for a case study of health care
reform in Venezuela
Investigators: PI: Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2010
Amount: $25,000

Title: Training and framework development workshops for the project health equity and state-
society relations
Investigator: Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009–2010
Amount: $25,000

Title: International cancer fatigue symposium
Investigators: Olsen, K., Howell, D., Chasen, D. Laizner, A. & Baracos, V.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008–2009
Amount: $10,000

Title: CIHR Team in integrating hearing, vision, speech, language and cognitive assessments: Enhancing
communication function to support aging at home and improve health service delivery for
older adults
Investigators: Pichora-Fuller, K., Dalby, D., McGilton, K.S., Rochon, E. & Troyer, A.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2015
Amount: $1,500,000

Title: Emerging team in pharmacologic management of chronic disease in older adults – II
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2008-2013
Amount: $1,944,255

Title: Canadian child health clinician scientist program
Investigators: PI: Rosenblum, N.; Co-investigator: Stevens, B.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2009-2015
Amount: $325,000

Title: Improving the experience of patients requiring or at risk of long-term mechanical ventilation
Investigators: Rose, L., Fraser, I., Goldstein, R., Leasa, D., Mawdsley, C. & McKim, D.
Agency: Canadian Institutes of Health Research and Canadian Respiratory Health Professionals Regional Health Education Workshop
Start & Finish Date: 2009
Amount: $12,453

Other Research Grant Competitions

Title: Building and sustaining the nursing workforce for better patient outcomes
Agency: Ontario Ministry of Health and Long-Term Care
Start & Finish Date: 2009-2012
Amount: $4,000,000

Title: Enhancing hand wash compliance for nurses through the use of a wearable hand wash device with monitoring capabilities
Investigators: PI: Boscart, V.; Co-I: Levchenko, A., Fernie, G. & Okeahialam, C.
Agency: Registered Nurses Foundation of Ontario
Start & Finish Date: 2009
Amount: $4,920

Title: Collaborative Academic Rehabilitation Engineering (CARE) program
Investigators: Chau, T., Fernie, G., Popovic, M., Bradley, D. & McGilton K.S.
Agency: Natural Sciences and Engineering Research Council of Canada
Start & Finish Date: 2009-2015
Amount: $1,650,000

Title: Reconstruction of self identity phase 1: The survivorship experience of Chinese women living with breast cancer
Investigators: Cheng, T., Williams, C. & Howell, D.
Agency: Psychosocial Oncology and Palliative Care Award
Start & Finish Date: 2008–2009
Amount: $6,000
Title: New nursing graduate competencies in identifying patient clinical deterioration: Developing an Assessment Tool
Investigator: PI: Clarke, S.P.
Agency: Ontario Ministry of Health and Long-Term Care Nursing Research Fund
Start & Finish Date: 2009-2011
Amount: $166,351

Title: The impact of the east Toronto postpartum adjustment program (ETPAP) on anxiety and depressive symptoms
Investigators: Dennis, C.L. Wade, K., Kint, B., Janzen, L., Oliver, D., Forham, J. & Timmings, C.
Agency: Registered Nurses Association of Ontario
Start & Finish Date: 2010-2011
Amount: $28,164

Title: Exploring worklife issues in correctional settings
Agency: Ontario Ministry of Health and Long-Term Care
Start & Finish Date: 2009-2010
Amount: $150,000

Title: Nursing Research Database Resource
Investigators: Doran, D. & Baumann, A.
Agency: Ontario Ministry of Health and Long-Term Care
Start & Finish Date: 2010-2012
Amount: $500,000

Title: Integration of biophysiological information with a point-of-care decision support system for safer patient care
Investigators: Doran, D.M., Goubran, R., Doherty, S., Knoefel, F., & Dubrowski, A.
Agency: National Sciences and Research Council/Canadian Institutes of Health Research
Start & Finish Date: 2008-2010
Amount: $455,310

Title: The emerging role of PDAs in evidence-based practice: An evaluation among frontline nurses
Agency: Ontario Ministry of Health and Long-Term Care
Start & Finish Date: 2009-2010
Amount: $181,655

Title: Linking Best Practice Guidelines use and HOBIC outcomes in the community.
Agency: Ontario Ministry of Health and Long Term Care
Start & Finish Date: 2008-2011
Amount: $466,169
Title: Identifying factors involved in the prenatal diagnosis of congenital heart defects
Investigators: Dutil, N., Jaeggi, E., Pereira-Solomos, P. & Stremler, R.
Agency: Labatt Family Heart Centre
Start & Finish Date: 2008–2009
Amount: $40,362

Title: Advanced hand hygiene system to reduce hospital inquired infections
Agency: Ontario Centres for Excellence
Start & Finish Date: 2008-2010
Amount: $287,000

Title: Bringing the patient into focus: Using handheld video ethnography to generate innovative quality improvement in a community hospital medical health service & ventilator weaning centre
Investigators: Fraser, I. & Rose, L.,
Agency: Toronto East General Hospital Foundation Research Fund
Start & Finish Date: 2009
Amount: $13,173.43

Title: A pan-Canadian guideline on survivorship services and clinical practice for late and long term effects
Investigators: Howell, D. & National Expect Panel
Agency: Canadian Partnership against Cancer
Start & Finish Date: 2009–2010
Amount: $59,000

Title: Mitigation of interruption effects on delivery of routine high risk medical procedures
Investigators: Howell, D., Trebovitch, P., Ferguson-Pare, M., Wiernokowski, J., Koczmara, C., Savage, P., Laurie-Shaw, B. & Trip, K.
Agency: Canadian Patient Safety Institute
Start & Finish Date: 2009–2010
Amount: $120,000

Title: Lung cancer patients experience with continuity of care and unmet needs
Investigators, Husain, A., Howell, D., Sussman, J., Barbara, L., Bezjak, A. & Moineddin, R.
Agency: National Cancer Institute of Canada and Canadian Lung Association
Start & Finish Date: 2008–2009
Amount: $42,715

Title: A comparison of internationally educated and US educated nurses
Investigators: Jones, C.B., Pink, G.H., McGillis Hall, L., George, J.L. & Carlson, J.
Agency: National Council of State Boards of Nursing
Start & Finish Date: 2009-Present
Amount: $297,442 (US)

Title: Who cares for older breast cancer survivors and how does it affect quality?
Agency: National Institute of Health  
Start & Finish Date: 2008-2013  
Amount: $3,317,271 (US)

Title: A comparison of Internationally-educated and Canadian-educated nurses  
Agency: Ministry of Health and Long-Term Care  
Start & Finish Date: 2009-2012  
Amount: $204,300

Title: Moving to action: Evidence-based retention and recruitment policy initiatives for nursing  
Agency: Canadian Health Services Research Foundation  
Start & Finish Date: 2008–2011  
Amount: $771,431

Title: Stuck in the middle: Addressing the needs of mid-careers nurses in Ontario  
Investigators: *McGillis Hall, L.*, *Peterson, J.* & *Lalonde, M.*  
Agency: Ontario Ministry of Health and Long-Term Care  
Start & Finish Date: 2008–2010  
Amount: $252,860

Title: Understanding determinants of retention for regulated staff in long term care facilities  
Investigators: *McGiltn, K.S.*, *Tourangeau, A.*, *Bowers, B.* & *Wodchis, W.*  
Agency: Ministry of Health and Long-Term Care  
Start & Finish Date: 2008-2011  
Amount: $446,000

Title: The social aetiology of mental illness  
Agency: Centre for Addiction and Mental Health  
Start & Finish Date: 2009–2010  
Amount: $164,937

Title: Controlled trial to evaluate the effectiveness of a decision aid for breast cancer prevention in women with a BRCA1 or BRCA2 mutation  
Investigators: PI: *Metcalfe, K.*; Co-investigators: *O’Connor, A.*, *Dennis, C.L.*, & *Narod, S.*  
Agency: Canadian Breast Cancer Research Alliance  
Start & Finish Date: 2008-2012  
Amount: $281,747

Title: ¿Como se construyen las relaciones interprofesionales en los equipos de salud? Impacto en la practica clinica y el desarrollo profesional. [How are interprofessional relations contructed in health team’s work? Impact on clinical practice and professional development]  
Agency: Fondo de Investigacion Sanitaria, Ministry of Health, Spain
Start & Finish Date: 2008-2011
Amount: €35,271.00

Title: Identifying nursing activities to estimate the risk of cross-contamination
Agency: Canadian Patient Safety Institute
Start & Finish Date: 2009
Amount: $5,000

Title: Labour market policies and SDOH: A review to establish priorities for Ontario
Investigators: PI: Muntaner, C
Co-PI: Sherecker, T.
Agency: Ontario Ministry of Health and Long Term Care
Start & Finish Date: 2010–2011
Amount: $65,000

Title: National survey of critical care pharmacists views and involvement in clinical research
Agency: Canadian Society of Hospital Pharmacists’ Views and Involvement in Clinical Research
Start & Finish Date: 2009–2010
Amount: $2,500

Title: Healthcare support through information technology enhancements
Agency: National Science and Engineering Research Council
Start & Finish Date: 2008-2013
Amount: $4,665,416

Title: Feasibility and acceptability of a developmental care intervention to enhance sleep and promote psychological well-being during PICU hospitalization: a pilot study.
Agency: Canadian Nurses Foundation and Quebec Interuniversity Nursing Intervention Research Group (GRIISIQ)
Start & Finish Date: 2009–2011
Amount: $20,858

Title: Improving the experience of patients requiring prolonged mechanical ventilation
Investigators: Rose, L., Fasers, I., Skrastins, R., French, N., Hoag, K., Weinacht, K., Bain, D. & Kargel, M.
Agency: Toronto East General Hospital Foundation
Start & Finish Date: 2009
Amount: $75,986.73

Title: Mechanical ventilation in the emergency department: A prospective observational pilot study
Agency: Canadian Association of Emergency Physicians
Title: Use of antidepressant medication during pregnancy and lactation: Development of an evidence-based decision tool  
Investigators: Ross, L., Grigoriadis, S., Cheung, A., Dennis, C.L., Steiner, M. & Gideon, K.  
Agency: Ministry of Health and Long Term Care, Drug Innovation Fund  
Start & Finish Date: 2009-2011  
Amount: $294,357

Title: Canadian survey of nurses’ assessment and management of pain in the critically ill  
Agency: American Association of Critical Care Nurses (AACN)  
Start & Finish Date: 2009-2011  
Amount: $15,000

Title: The development of a decision aid for adjuvant treatment in elderly patients following lumpectomy for stage 1, estrogen receptor sensitive breast cancer  
Investigators: Schumacher, E. & Angus, J.  
Agency: Canadian Breast Cancer Research Alliance  
Start & Finish Date: 2008-2011  
Amount: $185,000

Title: The development of the decision-aid investigating patients preferences for adjuvant radiotherapy and Antiestrogen therapy versus Antiestrogen therapy alone in patients 70 years or older with Stage I, ER/PR positive, invasive breast cancer  
Investigators: PI: Schumacher, E.; Co-Investigators: Metcalfe, K., & Angus, J.  
Agency: Canadian Breast Cancer Foundation  
Start & Finish Date: 2008-2010  
Amount: $121,076

Title: Effectiveness of a baby-friendly hospital-based mothers’ support group, and a cell phone based peer support program in supporting exclusive breastfeeding in an urban Kenyan community: A pilot study  
Agency: Alive and Thrive Small Grants Program  
Start & Finish Date: 2010-2011  
Amount: $98,602 (US)

Title: The forgotten component of care quality: An exploration of nursing process  
Investigators: Sidani, S., Manojlovich, M., Doran, D., Fox, M., Covell, C., Kelly, H., Jeffs, L. & McAllister, M.  
Agency: Ontario Ministry of Health and Long-Term Care  
Start & Finish Date: 2009-2012  
Amount: $205,366
Title: Supporting the mental health of African refugee children and new parents: Experiences of Zimbabwean and Sudanese refugees  
Agency: Alberta Centre for Child, Family, and Community Research Child Development Centre  
Start & Finish Date: 2009-2011  
Amount: $99,930

Title: Promoting retention of Ontario University and college nurse faculty.  
Investigators: Tourangeau, A.E., MacMillan, K., Widger, K. & Ferron, E.M.  
Agency: Ontario Ministry of Health & Long-Term Care  
Start & Finish Date: 2009-2012  
Amount: $370,576

Title: Cues and care: 2 year and 4-year follow-up of a trial to reduce maternal anxiety in mothers of very low birthweight infants  
Agency: Social Sciences and Humanities Research Council  
Start & Finish Date: 2009-2012  
Amount: $113,080

**Faculty Publications**

**Journals/Periodicals:**


Dennis, C-L. (2009). Training health visitors to identify and treat depressive symptoms with psychological approaches reduces postnatal depression. Evidence-Based Mental Health, 12, 83.


DiPietro, T., Coburn, G., Dharamshi, N., Doran, D., Mylopoulos, J., Kushniruk, A., Nagle,


level: Analysis of administrative data. *International Journal of Nursing Studies*, 46(6), 796-803.


Books/ Book Chapters


