Bloomberg Nursing
Annual Research Report
2010-2011
Vision
Shaping nursing education, research and practice.

Mission
Committed to international leadership in research and education. Through the mentorship of outstanding and innovative faculty, our graduates excel in professional practice, lead in nursing research and scholarship and improve health locally and globally.

Values
Scholarship and critical inquiry; Innovation and creativity; Interdisciplinarity and collaboration; and Social justice

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Contents

Letter from the Associate Dean ................................................................. 4
Research Fields ........................................................................................ 6
Individual Profiles ................................................................................... 8
  Critical Approaches to Health and Health Care
    Carles Muntaner ................................................................................ 8
    Bukola Salami .................................................................................. 9
  Effective Care and Health Outcomes
    Cindy-Lee Dennis ........................................................................... 10
    Bridget Doan .................................................................................. 11
Nursing Health Systems
  Ann Tourangeau ............................................................................... 12
  Lianne Jeffs ...................................................................................... 13
Research Chairs ..................................................................................... 14
Bloomberg Nursing Around the World ................................................... 18
Rankings ................................................................................................. 20
International Professorships ................................................................. 22
Research Personnel Awards ................................................................. 24
Major Appointments .............................................................................. 26
Research Grants .................................................................................... 27
Faculty Publications ............................................................................... 33

2010-2011 Bloomberg Nursing

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Welcome to our third Research Report for the Lawrence S. Bloomberg Faculty of Nursing, which was developed to acknowledge the substantial nursing research contributions that faculty, students and alumni 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 one-year period from April 1, 2010 to March 31, 2011. 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.

In this report, we provide an overview of our three main research fields, including the internationally renowned work of our research chairs; multiple research recognitions by peers and organizations; and the scope and quantity of peer-reviewed faculty grants and publications. In addition, we demonstrate the Faculty’s positioning in comparison to our Canadian and U.S. research university peers, and illustrate the broad national and international presence of Bloomberg Nursing research in scientific meetings, many of which are of an interdisciplinary nature.

Dr. Linda McGillis Hall
PhD, FAAN, FCAHS
Professor and Associate Dean of Research and External Relations
“widely recognized as a research-intensive environment that promotes education and scholarship in nursing”

“world-class scholars whose expertise has shaped the discipline of nursing”
Research Fields

The research activity of the Lawrence S. Bloomberg Faculty of Nursing demonstrates the integration of teaching and research in our core graduate fields of study. Within these primary study fields, individual faculty members are clustered into three research areas: Critical Approaches to Health and Health Care; Effective Care and Health Outcomes (ECHO); and Nursing Health Systems. Our undergraduate, masters and doctoral students are offered opportunities to gain experience through actively engaging in research with Bloomberg Nursing faculty in their programs of interest within these research fields.

Critical Approaches to Health and Health Care

Scholars in this research field explore issues in health and health care using a range of critical and social theories as a foundation. The work of this group incorporates a number of research methodologies, with an emphasis on qualitative, participatory and theoretical inquiry. Three strands of investigation are pursued: several members 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; and finally, there is a strong focus on international/global health. In the next section, you’ll read about Dr. Carles Muntaner, whose research concentrates on occupational and social inequalities in health across continents; as well as Bukola Salami, a PhD student examining the challenges encountered by nurses migrating to Canada through the live-in caregiver program.

Effective Care and Health Outcomes (ECHO)

The focus of this research field is on rigorous evaluations of conventional and innovative forms of nursing and health care, using randomized controlled trials, theory-driven evaluations and systematic reviews of 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 sleep. Many of the studies are multi-disciplinary and international in scope. For this field of study, we profile Dr. Cindy-Lee Dennis who was recently appointed Shirley Brown Chair in Women’s Mental Health Research, which is aligned with her work in postpartum depression; and undergraduate student Bridget Doan, whose work on Dr. Robyn Stremler’s research team is funded by the Ontario Early Researcher Award program.
Nursing Health Systems

Nursing health systems research involves the application of research methods from social and health sciences, biostatistics, and economics to investigate questions related to nursing and health services resource planning, organization, management, financing and delivery. Research foci include: health human resources, nurse migration, nursing effectiveness, nursing and health outcomes, quality work environments, performance measurement, health care teams, technology, patient safety, and nursing leadership. In this report, we outline the achievements of Dr. Ann Tourangeau, the current Bloomberg Faculty Limited-term Professor in patient safety; and Dr. Lianne Jeffs in her role as director, nursing research at St. Michael’s Hospital, which includes an award-winning initiative.
**Addressing health inequalities**

Dr. Carles Muntaner is the definition of an international researcher. In addition to being a professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto, Muntaner is an adjunct professor of mental health at the Johns Hopkins University Bloomberg School of Public Health in Baltimore, U.S.A. and a research collaborator at the Health Inequalities Unit at the Universitat Pompeu Fabra in Barcelona, Spain. His research spans the globe, examining health inequalities on almost every continent.

Since the 1980s, Muntaner has conducted research on the mental health of the working poor in Canada, the U.S., European Union, Latin America, East Asia and Western Africa, integrating occupational and social disparities in health research. He and his colleagues consistently demonstrate “efficient and fair employment and welfare state policies are needed to reduce employment-related health inequalities.”

“Globalization has increased the inequities in working conditions across regions, countries, social groups and occupations,” says Muntaner. “It’s also generated substantial social imbalances in health.” He is currently working on a study funded by the Ontario Ministry of Health and Long-Term Care (MOHLTC), as well as research focused in Chile and Spain that is gradually being extended to the rest of Europe.

The MOHLTC requested a review of the health effects of flexicurity, a welfare-state model that combines labour-market flexibility and social security, and its potential implications for Ontario. An extensive evaluation of existing empirical evidence on the relationship between these labour market policies and health equity found potentially health-damaging trends in countries governed by flexicurity logic without strong social protection, challenging the assumption that it promotes the population’s well-being.

In Chile, Muntaner and his team conducted the first national survey on health and work. It measured conditions of employment, work, health and quality of life, allowing researchers to demonstrate the link between health, employment and social equity. “This study shows informal employment and increased levels of job insecurity can result in illness, addiction and poor mental health” says Muntaner.

He also conducted a study in Spain analysing the association between self-reported health status and social class, and examining the role of work and employment conditions, material standards of living and household labour in explaining this connection. It’s the first study relating social class (understood as relations of control over productive assets) to risk of death. The findings highlight a link between “working-class” positions and mortality among men, while demonstrating women’s health in a patriarchal society is weakened by excessive amounts of uncompensated household work.

*Dr. Carles Muntaner*  
PhD, MHS, BSc  
Professor
Credential hurdles faced by migrant nurses

Bukola Salami, a Nigerian-born Canadian educated nurse, is studying credential recognition and the process of integration of internationally educated nurses in Canada as a PhD student at the Bloomberg Faculty of Nursing under the supervision of Dean Sioban Nelson.

Salami’s doctoral research study explores the migration of internationally educated nurses to Canada through the Live-in Caregiver (LIC) program. She aims to gain an understanding of the multiple perspectives of diverse stakeholders with respect to the rights and obligations of nurses who enter Canada by this route. “Increasing numbers of live-in caregivers are migrating to Canada every year,” says Salami, “but nurses who migrate through the LIC program face significant challenges when trying to integrate into the nursing workforce.”

One of the barriers is they must work as LICs for a minimum of 22 months before applying for permanent resident status; however, to become a nurse in Canada, they must be permanent residents and demonstrate nursing practice within the five years prior to applying for registration. A recent proposed change to entry into practice for Ontario nurses would require internationally educated nurses to have practiced within the last three years to be eligible for registration. Hence, these times away from professional practice often result in significant obstacles to professional integration.

Her dissertation will use a single-embedded case study methodology of nurses who migrate to Ontario through the LIC program and will be composed of three phases. The first phase consists of analysis of pertinent government documents, media reports and online open discussion forums. Phase two is comprised of interviews with 12 to 30 nurses who are either currently in the migration process or who migrated to Ontario through the LIC program. The third phase involves interviews with stakeholders, including immigration policy makers, nursing policy makers, live-in caregiver advocacy groups, employers, and recruiters. The research study will be guided by the feminist concept of global care chains as developed by Dr. Arlie Hochschild and Rhacel Salazar Parreñas.

In support of her study, Salami was awarded a Social Sciences and Humanities Research Council Doctoral Fellowship. Earlier in her program of study, she received a fellowship from the Ontario Training Centre in Health Service and Policy Research funded by the Canadian Institutes of Health Research and was also offered an Ontario Graduate Scholarship.

“Canada is becoming increasingly reliant on temporary migrant workers,” says Salami. Thus, the results of this study have the potential to contribute to the ability of immigration and nursing policy makers to maximize the integration of internationally educated nurses in Canada, as well as move the country closer to achieving global equity of socio-economic opportunities for LICs.
Leading the way in women’s mental health

Postpartum depression (PPD) is the leading form of morbidity for women following childbirth. It is estimated approximately 13 per cent of mothers experience PPD and documentation exists indicating infants and children of depressed mothers have significantly poorer development trajectories. These are just a few of the reasons Dr. Cindy-Lee Dennis’ research has focused on evaluating innovative interventions for the prevention and treatment of PPD.

Dennis’ dedication to this important women’s mental health issue made her the ideal candidate for the Shirley Brown Chair in Women’s Mental Health Research based at the Women’s College Research Institute. Announced in March 2011, Dennis is the first nurse to receive the appointment since the chair was created as a collaboration between the University of Toronto, the Centre for Addiction and Mental Health, and Women’s College Hospital.

“Women are a historically underserved group, making it difficult to overstate the importance of this chair,” says Dennis, who is also a Bloomberg Nursing professor. “Its integration of disciplines and goal to eliminate the stigma associated with mental health disorders is truly exemplary.” The Chair is named in honour of a young lawyer who succumbed to severe depression in 1996.

As the Shirley Brown Chair, Dennis is the principal investigator on several related studies. “New Mothers in a New Country” examines the relationship between recent immigrant status, the acculturation process and psychological problems among Chinese mothers. One factor being explored is whether traditional postpartum rituals have a protective effect on the development of PPD and how these aspects of the culture may be strengthened.

Her study evaluating the effects of telephone-based interpersonal psychotherapy (IPT) for the treatment of PPD uses a brief and highly structured manual-based psychotherapy that addresses interpersonal issues in depression. Most mothers prefer “talking therapy” as a form of treatment, but IPT is not widely available - especially in rural and remote areas. To improve access, telepsychiatry has been introduced. Dennis’ previous research demonstrated telephone-based support from a peer who had experienced PPD can cut the incidence of the disorder in high-risk women by 50 per cent.

Finally, the IMPACT study (Impact of maternal and paternal postpartum depression) extends Dennis’ research to involve both parents. This novel study proposes to examine the complex mechanisms related to the familial impact of parental (mother and father) depression in the first two years of a child’s life. A greater understanding of how PPD influences parenting behaviours is needed for effective interventions to be developed and very little is known about paternal PPD.
**Hands-on experience from an acclaimed researcher**

Bridget Doan is a bachelor’s student at the Bloomberg Faculty. After receiving an honours degree in biology at St. Francis Xavier University, she never expected to follow in her mother’s footsteps and become a nurse. But Doan soon realized it was one of the best ways to combine her interest in science and desire to work with people.

Since beginning her studies, Doan’s clinical placements have provided her with the chance to work with people through every stage of the life cycle in a variety of situations and hospitals. It’s also given her the opportunity to be a key contributor in a unique research study. Doan is a member of Professor Robyn Stremler’s team for the Sleep TYME (Throughout Your Motherhood Experience) Study. Her participation is funded by Stremler’s Early Researcher Award, a competitive program which aims to improve Ontario’s ability to attract and retain the best and brightest research talent. Once completed, the project will provide a better understanding of the prevalence of and risk factors for sleep disturbance in pregnancy, and its relationship to adverse perinatal outcomes; this will guide the development of key interventions to improve sleep during pregnancy.

One of Doan’s primary functions is as a recruiter, which means she spends a lot of time in OB-GYN offices and ultrasound clinics where she finds the enthusiasm of the mothers-to-be contagious. “It’s great to be able to connect with the subjects on a personal level,” says Doan. “At the end of interviews, many of the mothers are even offering to send us baby photos.” Moreover, assisting with data collection and entry allows her to see the trends amongst participants, demonstrating the importance of the study. “Dr. Stremler’s been very receptive to having an undergrad student on the team and has enabled me to become involved in all aspects of the study,” says Doan.

“Bridget has been a wonderful addition to our research team,” says Stremler. “Her willingness to take on big and small tasks is essential to running a research project. She has original ideas, great initiative and a professional, friendly manner that motivates women to want to participate in our study.”

Doan’s main interest is in pediatrics. She’s completed a paediatric mental health placement at the Hospital for Sick Children, working with kids in the eating disorders, and crisis and psychosis programs. “I was able to bond with the patients,” says Doan, “and it gave me the opportunity to practice nursing in a holistic care setting.”
Improving patient safety through study

One of the programs established with Lawrence S. Bloomberg’s generous gift includes a Limited-Term Professorship in Patient Safety. This position provides the opportunity to expand a Faculty member’s innovation and excellence in research. In addition, the professorship aims to extend the appointee’s program of research in support of advancing nursing practice and patient care. Dr. Ann Tourangeau currently holds the professorship in patient safety.

The position includes three primary goals: 1) build academic, healthcare, policy and industry partnerships that will ensure a comprehensive approach to promoting safer patient care both in hospital and community-based settings; 2) conduct relevant research; and 3) train highly qualified personnel who will effect change.

Tourangeau has built her career around examining nursing-related determinants of health care outcomes, including the causes and influencing factors affecting patient safety and nurse work environments. “The professorship allows me to focus on patient safety research and developing methods to manage causes that are modifiable,” says Tourangeau, who is also an associate professor and the graduate program coordinator at the Bloomberg Nursing Faculty. More specifically, she focuses on patient safety outcomes related to nurse retention and hospital mortality rates. Tourangeau is currently the principal investigator on three studies describing nurse retention in acute care, home care and educational sectors that will develop knowledge about the reasons nurses leave or stay in their employment.

Statistics show that in acute and home care, many nurses continue to leave their workplaces before the normal age of retirement. However, safe and effective health care is dependent on retaining qualified nursing personnel. The Canadian Institutes of Health Research funded a study to examine what influences acute nurses’ decisions to stay employed. As current research only explains an average of 36 per cent of variance affecting nurses’ choices, there are clearly other unknown factors to be determined. The home care nurse retention study is funded by the Ontario Ministry of Health and Long-Term Care (MOHLTC). Although a number of retention initiatives have been undertaken in Ontario, none are specific to the unique area of home care nursing and the factors that influence home care nurse retention.

Additionally, attaining and maintaining an adequate supply of nurses in Ontario is reliant on attaining and maintaining an adequate supply of nurse faculty. But between 2007 and 2008, there was nearly a 13 per cent decrease in Ontario nurses who identified their primary role as nurse faculty. The main focus of one of Tourangeau’s MOHLTC funded studies is to identify generation-specific determinants of nurse faculty’s intentions to remain employed and identify preferred, targeted strategies to promote their retention.
Advancing practice-based nursing research

Dr. Lianne Jeffs has two distinct areas of interest, but they are unquestionably linked: 1) enhancing the role of professional, scholarly nursing practice by addressing the gap between theory/research and practice in the health care system; and 2) designing and evaluating the delivery of safer health care systems by responding to and learning from near misses and other safety threats across point-of-care transitions. Jeffs’ leadership in these areas is undeniable.

As director, nursing research, Jeffs maintains an impressive record of elevating nurses’ involvement in research at St. Michael’s Hospital. In May 2010, she was presented with the Canadian Institutes of Health Research (CIHR)/Institute of Health Services and Policy Research Rising Star award. The honour recognized her work in knowledge translation related to her role as one of the chief creators of the Nursing Research Advancing Practice (RAP) program.

RAP was designed to provide staff nurses with the competencies to develop, implement and evaluate a research project focused on a question that emerged from their clinical practice. “The RAP program made research relevant to their practice,” says Jeffs, a three-time University of Toronto graduate (BScN, MSc and PhD) and Bloomberg Nursing professor (status). “It was a way to get nurses living and breathing evidence-based care and show the impact related to a nurse’s ability to improve care.” In addition to being a key retention strategy, participants felt more confident and competent in their ability to provide safer care.

Projects supported by RAP have included: exploring effective pain management assessment in non-verbal patients; the ‘Sugarless Candy Study,’ which evaluated the impact of sugarless candy on the perception of thirst in dialysis patients; and identifying the reasons for patient falls among trauma-neurosurgery’s in-patient population.

Jeffs’ complementary research pursuit focuses on enhancing patient safety and organizational performance. A study she is currently spearheading, funded by CIHR, will outline the quality outcomes for complex care patients as they transition between acute care hospitals, complex care, rehabilitation care, long-term care, home care or primary health care settings. In a closely related study funded by the Canadian Nurses Foundation, Jeffs has adopted an inter-professional team approach, which includes patients and their families, to ensure all influences on quality outcomes are taken into account. “We can still be doing a better job of including patients’ views of care,” says Jeffs. The study’s objective is to determine how to recognize potentially risky situations, minimizing the effects and/or eliminating the occurrence of unnecessary adverse patient outcomes.
Research Chairs

The Lawrence S. Bloomberg Faculty of Nursing has an unprecedented nine research chairs – more than any other nursing faculty in Canada.

Research chairs are awarded to faculty who have demonstrated global leadership in their field in both academic excellence and scholarly research. Several of the research chairs held within the Bloomberg Faculty of Nursing are funded by national peer-reviewed competitions, while others are endowed research chairs in collaboration with affiliated academic health science centres.

Critical Approaches to Health and Health Care

Bloorview Kids Foundation Chair in Childhood Disability Studies
(with Holland Bloorview Kids Rehabilitation Hospital)

Dr. Patricia McKeever
Dr. Patricia McKeever, senior scientist at Holland Bloorview Kids Rehabilitation Hospital and professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto, was named the inaugural holder of the Bloorview Kids Foundation Chair in Childhood Disability Studies in November 2007. This chair builds on McKeever’s research program, which addresses sociospatial, philosophical and policy aspects of childhood disability and chronic illness, and focuses on the physical, social and policy barriers to inclusion that Canadian children with disabilities and their families encounter.

Effective Care and Health Outcomes

Canada Research Chair in Perinatal Community Health (Tier 2)

Dr. Cindy-Lee Dennis
Dr. Cindy-Lee Dennis, associate professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto began a Tier 2 Canada Research Chair in Perinatal Community Health in September 2007. Dennis’ research program is directed towards rigorously evaluating interventions to improve the care of pregnant and postpartum women, including multi-site randomized controlled trials related to the prevention and treatment of postpartum depression. Her research provides evidence-based information to address health problems that many pregnant and postpartum women experience with the goal of promoting a healthy transition to motherhood.
Heather M. Reisman Chair in Perinatal Nursing Research
(with Mount Sinai Hospital)

**Dr. Ellen Hodnett**

Canada’s first endowed chair in nursing, the Heather M. Reisman Chair in Perinatal Nursing Research was established in 1996 to advance studies into forms of care for child-bearing women. Dr. Ellen Hodnett, the inaugural chair holder, is currently in her second five-year term in the position. Hodnett is a professor with the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto, is cross-appointed in the Faculty of Medicine, Department of Public Health Sciences, and appointed in nursing at Mount Sinai Hospital. Hodnett’s research program focuses on rigorous evaluations, usually through multi-centre, randomized controlled trials examining the impact of nursing care on women before, during and after childbirth.

Ontario Women's Health Council Chair in Women's Health
(with St. Michael’s Hospital)

**Dr. Arlene Bierman**

Created in 2001, the Ontario Women’s Health Council Chair in Women’s Health focuses on identifying and addressing the health care needs of women who are vulnerable due to socioeconomic and ethno-cultural factors. The Chair works in partnership with St. Michael’s Hospital and its program on inner city health. Dr. Arlene Bierman is the inaugural chair holder. A geriatrician and health services researcher, Bierman’s research interests include women’s health, access to care and aging. As chair holder and professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto with a cross-appointment to the Faculty of Medicine, she teaches and conducts research on disadvantaged populations.
RBC Financial Group Chair in Oncology Nursing Research and Education
(with the University Health Network)

Dr. Doris Howell
As Canada’s first endowed chair in oncology nursing research, The RBC Financial Group Chair in Oncology Nursing Research and Education is supported jointly through affiliations with Cancer Care Ontario, the Canadian Cancer Society (Ontario Division), University Health Network, and the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto. Dr. Doris Howell was appointed to hold the chair in October 2004. She is working on enhancing research in cancer nursing through the implementation of evidence-based approaches to care; examining the effectiveness of nursing interventions in the reduction of the severity of symptoms and distress; and improving the patient and family experience through evaluation of the implementation of holistic models of care that focus on the individual patient’s needs.

RBC Financial Group Chair in Cardiovascular Nursing Research
(with the University Health Network)

Dr. Sean Clarke
The RBC Financial Group Chair in Cardiovascular Nursing Research is supported jointly through the University Health Network (UHN), which has Canada’s premier cardiovascular institute, and the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto. Dr. Sean Clarke was appointed as the inaugural chair holder in July 2008. His research program focuses on expanding research in cardiovascular nursing to examine outcomes for cardiovascular patients across the continuum of care; examining organizational influences on nurses’ clinical decision-making and interdisciplinary team functioning in acute cardiac care; and studying outcomes of the use of advanced practice nurses in various roles.

Shirley Brown Chair in Women’s Mental Health Research
(with the Women’s College Research Institute)

Dr. Cindy-Lee Dennis
The Shirley Brown Chair in Women’s Mental Health Research is supported by a partnership between Women’s College Research Institute, the Centre for Addiction and Mental Health (CAMH), and the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto. Dr. Cindy-Lee Dennis, associate professor, was appointed to the chair in March 2011. Providing a focal point for advocacy on women’s mental health issues, the chair supports an internationally recognized program of research and takes the leading role in Canada in the drive to improve women’s mental health and the treatment and prevention of serious mental illnesses.
The Signy Hildur Eaton Chair in Paediatric Nursing Research
(with the Hospital for Sick Children)

Dr. Bonnie Stevens
Established in 2000, this is the first endowed chair in paediatric nursing in Canada. The Signy Hildur Eaton Chair in Paediatric Nursing Research supports an outstanding nurse scientist in the development of a research program in paediatric nursing at The Hospital for Sick Children. Dr. Bonnie Stevens is the premiere and current holder of this chair as well as a professor at the Lawrence S. Bloomberg Faculty of Nursing and the Faculty of Medicine at the University of Toronto. Stevens’ research interests include the assessment and management of pain in infants and children; the impact of various health care delivery models on child and family quality of life; and knowledge translation.

Nursing Health Systems

CHSRF/CIHR Chair in Nursing Human Resources

Dr. Linda O’Brien-Pallas
The Canadian Health Services Research Foundation/Canadian Institutes of Health Research Chair in Nursing Human Resources is aimed at increasing knowledge and expanding research in the area of health human resources, and collaborating with key administrative and government stakeholders in order to build structures for policy development and planning. Dr. Linda O’Brien-Pallas, the inaugural chair holder, is a professor at the Lawrence S. Bloomberg Faculty of Nursing and the Faculty of Medicine at the University of Toronto, and co-principal investigator of the Nursing Health Services Research Unit (University of Toronto site).
Bloomberg Nursing Around the World

**Canada**
- **Alberta**
- Calgary - Canadian Pain Society Annual General Conference
- Edmonton - Canadian Association of Midwives Annual Meeting
- **British Columbia**
- Vancouver - Pediatric Academic Societies Annual Meeting
- **Nova Scotia**
- Halifax - Canadian Association of Health Services and Policy Research (CAHSPR) Annual Conference
- Halifax - Canadian Healthcare Safety Symposium
- **Ontario**
- Niagara Falls - Canadian Pediatric Society Conference
- Ottawa - Canadian Conference on Global Health
- **Quebec**
- Montreal - 39th Canadian Association of Gerontology Annual Conference
- Montreal - Canadian Cardiovascular Congress
- Montreal - International Association of the Study of Pain, 13th World Congress
- Montreal - Society for Research in Child Development Biennial Meeting
- Quebec City - Canadian Home Care Association Summit
- Quebec City - International Psycho-Oncology Society Conference
- Quebec City - World Association of Sleep Medicine and Canadian Sleep Society Congress

**Louisiana**
- New Orleans - Gerontological Society of America (GSA) Annual Scientific Meeting

**Massachusetts**
- Boston - 42nd Congress of the International Society of Pediatric Oncology
- Boston - Academic Emergency Medicine Annual Meeting
- **New York**
- Brooklyn - National African-American MSM Leadership Conference on HIV/AIDS and other Health Disparities

**Pennsylvania**
- Pittsburgh - International Symposium on Rapid Response Systems and Medical Emergency Teams

**South America**
- **Brazil**
- Brasilia - International Conference on the Humanization of Childbirth
- Fortaleza - 4th Iberoamerican Congress on Qualitative Health Research
- Rio Branco - Collaborative Leadership, Advocacy and Ethics in Primary Health Care Nursing
- Ribeirao Preto - International Symposium on Knowledge Translation
- **Peru**
- Lima - International Society for Research in Human Milk and Lactation (ISRHML) Conference

**Europe**
- **Austria**
- Vienna - International Association for Medical Education
- **Belgium**
- Brussels - 27th Congress of the Belgian Hospital Association
- **Denmark**
- Odense - 4th International “In Sickness & In Health” Conference
- **England**
- London - UK Intensive Care Society State of the Art Meeting

**United States**
- **California**
- Los Angeles - Oncology Nursing Society
- San Diego - 40th Congress of the Society of Critical Care Medicine
- **Colorado**
- Denver - Annual Meeting of the American Public Health Association
- Denver - Pediatric Academic Societies Meeting
- **District of Columbia**
- Washington - American Society of Clinical Oncology

Lawrence S. Bloomberg Faculty of Nursing
Ireland
Belfast - Queen’s University, School of Nursing and Midwifery, Research Conference

Israel
Tel Aviv - International Congress on Gender Medicine

Italy
Milan - National Postpartum Depression Conference
Rome - Congress of the International Pediatric Sleep Association

Netherlands
Amsterdam - International Forum on Quality and Safety in Health Care

Poland
Wrocław - 1st International Conference on Quality of Life in Cardiovascular Diseases

Portugal
Lisbon - 3rd International Congress of Nursing

Scotland
Glasgow - Association for Medical Education in Europe (AMEE)

Spain
Barcelona - European Society of Intensive Care Medicine International Congress

Africa
South Africa
Durban - International Neonatal Meeting

Asia
China
Hong Kong - Hong Kong Nursing Research Forum
Shanghai - Annual International Congress of Cardiology

Malaysia
Penang - Perinatal Society of Malaysia

Australia
New South Wales
Sydney - World Congress on Pediatric Critical Care

Victoria
Melbourne - 35th Australia and New Zealand Intensive Care Society, Annual Scientific Meeting on Intensive Care

Melbourne - Victorian Association of Neonatal Nurses Annual Symposium
The Bloomberg Faculty of Nursing ranks first among Canadian and U.S. public university nursing faculties in publications and citations, according to *U of T’s Performance Indicators for Governance 2010 Summary*. The report measures the university’s progress towards long-term goals in a range of teaching and research areas.

The table below is a summary of U of T’s publication and citation rankings in relation to other Canadian research universities and members of the Association of American Universities (AAU). Bloomberg Nursing is second only to the University of Pennsylvania amongst private AAU schools. Rankings are an indication of an institution’s performance, particularly internationally. The Bloomberg Faculty’s results are highlighted, demonstrating its pre-eminence among Canadian and American research university peers.

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<td>Social Work</td>
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Counts of publications and citations are important indicators of a faculty’s scholarly impact as measured by research output and intensity. This is particularly true in scientific disciplines, such as nursing, where research reporting is predominately journal-based. The above comparison captures our research productivity relative to our peers.

The University of Toronto educates more students and makes more discoveries than any other university in Canada and is recognized as one of the foremost research-intensive universities in the world. Moreover, the size and complexity of the institution leads to greater opportunities for our students and faculty.

The AAU is a non-profit association of 61 U.S. and two Canadian (U of T and McGill University) preeminent public and private research universities. Established in 1900, membership is by invitation and based on the high quality of programs of academic research and scholarship at all levels, as well as recognition that a university is outstanding by reason of the excellence of its research and education programs. U of T became a member in 1926.
International Professorships

The fall 2007 announcement of the generous $10 million donation from philanthropist and financier Lawrence S. Bloomberg provided the opportunity to globally expand our innovation and excellence in research. To generate increased international collaboration opportunities, a visiting professor program was developed.

Frances Bloomberg International Distinguished Visiting Professor 2010 - 2011

Dr. Pamela H. Mitchell

Dr. Pamela H. Mitchell is a professor of Biobehavioral Nursing and Health Systems, School of Nursing and adjunct professor of Health Services, School of Public Health and Community Medicine at the University of Washington. Her research and teaching focus on hospital and ambulatory care delivery systems; effective management of clinical care systems; comparative effectiveness of biobehavioural interventions for patients with acute and chronic cardio-cerebrovascular disease; and outcomes of inter-professional education. These studies have been funded by the National Institute of Nursing; the National Heart, Lung and Blood Institute; and the Bureau of Health Professions, Health Resources Services Administration.

Mitchell is immediate past-president of the American Academy of Nursing Expert Panel on Quality Care. She was also a visiting professor at the University of Sao Paulo in Brazil and Flinders University in Australia.

One of the reasons Mitchell received the appointment is her background in fusing health services/systems and clinical research. She worked with Bloomberg Nursing faculty in the Nursing Health Systems field and the Nursing Health Services Research Unit (NHSRU) to plan for the future of research in these areas. In February 2011, Mitchell led a presentation and discussion titled, “Evidence-based care: creating evidence at the point of care.” Approximately 25 members of the Bloomberg Nursing Faculty and chief nurse executives from the Toronto Academic Health Science Network (TAHSN) attended the talk that described U.S. models of evidence-based practice in which a group of staff nurses identify clinical issues in their care unit that require systematic inquiry, refine the question into a research or process improvement statement, conduct and analyze the data, and make appropriate changes in practice. Mitchell considers this
luncheon the turning point of her professorship; every visit after the presentation was filled with appointments at various hospitals, and conversations with faculty and nursing leaders about building capacity and capitalizing on the strong linkages that already exist between the Bloomberg Faculty of Nursing and its affiliates.

In addition, with Mitchell’s help, a nursing research consortium was formed in spring 2011 among the Lawrence S. Bloomberg Faculty of Nursing and TAHSN hospitals, with Dr. Linda McGillis Hall, associate dean of research and external relations at Bloomberg Nursing, and Dr. Lianne Jeffs, director, nursing research at St. Michael’s Hospital, as co-chairs.

**Former Frances Bloomberg International Distinguished Visiting Professors**

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

**Dr. Wendy Chaboyer**
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. Chaboyer liaised with Bloomberg Limited-Term Professor Dr. Diane Doran in linking with a number of clinical affiliate agencies while at the Bloomberg Nursing Faculty. These initiatives focused on the area of patient safety on projects directed towards improving nursing handover and assessing competence in the operating room.

**Dr. Alex Molassiotis**
From the University of Manchester in the United Kingdom, Dr. Alex Molassiotis was named the inaugural Frances Bloomberg International Distinguished Visiting Professor for the academic year of 2007 - 2008. Molassiotis is a professor of cancer and supportive care at the School of Nursing, Midwifery and Social Work, University of Manchester. A leading figure in cancer nursing research and end of life care in the U.K. and Europe, his focus was on the development of capacity building initiatives in collaboration with Bloomberg Nursing clinical partner, Dr. Doris Howell, RBC Financial Group Chair in Oncology Nursing Research and Education, for the development of research in cancer and palliative care nursing.
Research Personnel Awards

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

Career Scientist Award

Dr. Louise Rose
2010
Effective Care and Health Outcomes field

Senior Nursing Career Award

Dr. Linda McGillis Hall
July 2009 to June 2012
Nursing Health Systems field

Dr. Diane Doran
July 2009 to June 2012
Nursing Health Systems field

Junior Nursing Career Award

Dr. Jessica Peterson
July 2009 to June 2012
Nursing Health Systems field

Dr. Raquel Meyer
July 2009 to June 2012
Nursing Health Systems field
Major Appointments

Ellen Hodnett
2011-2012  Member of the Canadian Institutes of Health Research Advisory Board for the Institute of Human Development, Child and Youth Health
2011-2012  Chair, Academic Board

Michael McGillion
2010 - 2011  Chair, University of Toronto Interfaculty Pain Curriculum Management Group and Curriculum Committee

Katherine McGilton
2009- Present  Executive Committee, Canadian Association of Gerontology
2007-Present  Board of Directors, National Initiative for Care of the Elderly (NICE)
2011  Divisional Chair, Health and Biological Division, Canadian Association of Gerontology (CAG)
2011  Chair, Curriculum Committee for Undergraduate Education in Gerontology, National Initiative for the Care of the Elderly (NICE)

Elizabeth Peter
2011-Present  Academic Board

Sioban Nelson
2009 - Present  Founding co-chair, History Section, International Council of Nurses
2011 - Present  Member, Canadian Nurses Association’s National Expert Commission
Research Grants

Canadian Institutes of Health Research (CIHR)
Operating Grants Competitions

Title: The efficacy, cost-effectiveness and ecological impact of selective decontamination of the digestive tract in critically ill patients treated in the intensive care unit (The SuDDiCU study).
Phase 2: an exploratory study of the perceived risks, benefits and barriers to the use of SDD in Canadian critical care units.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $120,195

Title: Safety at home: A pan Canadian home care safety study
Agency: Canadian Patient Safety Institute, Canadian Institutes of Health Research, Canadian Health Services Research Foundation, Ontario Change Foundation,
Start & Finish Date: 2010 –2012
Amount per year: $1,100,000

Title: Effects of social housing on adult and child mental health: a prospective study in the GTA west.
Investigators: Dunn, J. & Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2014
Amount: $250,000

Title: LPT2 (Labour Position Trial 2)
Investigators: Hodnett, E., Stremler, R., Willan, A., Halpern, S., & Windrim, R.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $100,000

Title: Social aetiology of mental disorders
Investigators: McKenzie, K. & Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2013
Amount: $ 200,000
Title: Psychological morbidity associated with two sedation strategies in the critically-ill.
Investigators: Mehta, S., Hunter, J., Rose, L., Maunder, R., Fergusson, N., Ethier, C., Steinberg, M., Burry, L., & Cook, D.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $ 63,494

Title: Participatory democracy in health care
Investigators: Muntaner, C.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $ 25,000

Title: Sustainability of a multidimensional knowledge translation initiative for procedural pain in children.
Investigator: Stevens, B.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2014
Amount: $822,401

Title: New mothers in a new country: Understanding postpartum depression among recent immigrant and Canadian-born Chinese women
Investigators: Dennis, C-L., Noh, S., Grigoriadis, S., Stewart, D., Gagnon, A., & Fung, K.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2014
Amount: $557,208

Title: Nursing research database resource
Investigators: Doran, D.M., & Baumann, A.
Agency: Ontario Ministry of Health
Start & Finish Date: 2010-2012
Amount: $500,000

Title: The STAR (Sleep troubles and relationship to perinatal outcomes) study
Investigators: Stremler, R., Dennis, C-L., Hodnett, E., Lee, K., Morin, Murray, B., Pullenayegum, E., Ryan, C., & Windrim, R.
Agency: Canadian Institutes of Health Research
Start & Finish Date: 2010-2012
Amount: $199,948
**Canadian Institutes of Health Research (CIHR)**

**Strategic Funding**

**Title:** Better nights, better days  
**Investigators:** Corkum, P., Reid, G., Stremler, R., Witmans, M., Weiss, S., Godbout, R., Greuber, R., & Chambers, C.  
**Agency:** Canadian Institutes of Health Research Team Grants: Sleep and Circadian Rhythms  
**Start & Finish Date:** 2010-2015  
**Amount:** $400,000

**Title:** Perinatal health equity for women on the move  
**Investigators:** Gagnon, A.; Carnevale, F., Cleveland, J., Dennis, C.-L., Small, R., & Zeitlin, J.  
**Agency:** Canadian Institutes of Health Research (Programmatic grants to tackle health and health equity)  
**Start & Finish Date:** 2011  
**Amount:** $15,000

**Title:** MPD grant for national symposium on the clinician scientist  
**Investigator:** Stevens, B.  
**Agency:** Canadian Institutes of Health Research: Meetings, Planning and Dissemination Grant  
**Start & Finish Date:** 2010  
**Amount:** $7,500

**Title:** Outcomes of Critically Ill Patients Presenting to Canadian Emergency Departments.  
**Investigators:** Rose, L., Lee, J.S., Atzema, C., Rubenfeld, G., Scales, D., Gray, S., & Burns, K.  
**Agency:** Canadian Institutes of Health Research Partnerships for Health Services Improvement  
**Start & Finish Date:** 2010-2012  
**Amount per year:** $172,451

**Title:** MPD grant for national symposium on the clinician scientist  
**Investigators:** Stevens, B., Burrows, G., Atkinson, S., & Riahi, S.  
**Agency:** Canadian Institutes of Health Research  
**Start & Finish Date:** 2010  
**Amount:** $7,500

**Title:** Trans-disciplinary team in sleep research and training  
**Investigators:** Horner, R., Belsham, D., Bradley, T.D., Frankland, P., Josselyn, S., Orser, B., Peever, J., Ralph, M., Sessle, B., & Stremler, R.  
**Agency:** Canadian Institutes of Health Research Team Grants: Sleep and Circadian Rhythms  
**Start & Finish Date:** 2010-2015  
**Amount per year:** $400,000
Other Research Grant Competitions

Title: Systematic review of daily sedation interruption versus no daily sedation interruption for critically ill adult patients requiring mechanical ventilation.
Investigators: Burry, L., Rose, L., McCullagh, I., Ferguson, D., Ferguson, N., & Mehta, S.
Agency: Canadian Society of Hospital Pharmacists
Start & Finish Date: 2011-2012
Amount: $3,500

Title: The phenomics and genomics of clinically relevant chronic post-surgical pain
Agency: Physicians Services Incorporated
Start & Finish Date: 2010–2012
Amount: $85,000

Title: ‘Migrant-friendly’ maternity nursing care and perinatal outcomes
Investigators: Gagnon, A., Dennis, C-L., et al. collaborators
Agency: Centre Métropolis du Québec - Immigration et Métropoles
Start & Finish Date: Fall 2010
Amount: $20,000

Title: Labor market policies and the reduction of health inequalities
Investigator: Muntaner, C. & Schrecker, T.
Agency: Population Health Improvement Research Network from the Ontario Ministry of Health and Long-Term Care
Start & Finish Date: 2010-2011
Amount: $65,000

Title: Analisis of the Encuesta Nacional sobre las condiciones de Empleo Trabajo y Salud
Investigator: Muntaner, C
Agency: Ministerio de Salud of the Republic of Chile
Start & Finish Date: 2010-2011
Amount: $200,000

Title: Evaluation of the effectiveness of genetic testing for BRCA1 and BRCA2
Investigators: Narod, S. & Metcalfe, K.
Agency: Association of Fundraising Professionals Innovation Fund
Start & Finish Date: 2010-2011
Amount: $29,460
Title: Survey of nurse attitudes to the conduct of critical care.
Investigators: Smith, O., Rose, L., Dale, C., & Mehta, S.
Agency: Canadian Critical Care Research Coordinators Group
Start & Finish Date: 2011 -2012
Amount per year: $2,500

Title: Social support intervention for Sudanese and Zimbabwean refugee new parents
Investigators: Stewart, M., Makwarimba, E., Kushner, K., Letourneau, N., Shizha, E., Dennis, C-L., & Siziba, D.
Agency: Social Sciences and Humanities Research Council
Start & Finish Date: 2010
Amount: $234,571

Title: Structures and processes of home care nursing for post-acute home care clients
Investigators: Tourangeau, A.; Baumann, A., & Clarke, S.
Agency: Ontario Ministry of Health & Long-term Care
Start & Finish Date: 2010 –2012
Amount: $40,000

Title: Women’s decisions about anti-depressant use in pregnancy
Investigators: Vigod, S., Grigoriadis, S., Dennis, C-L., Meschino, D., & Stewart, D.
Agency: Ministry of Health and Long-Term Care (Innovation Fund Provincial Oversight Committee)
Start & Finish Date: 2010
Amount: $30,000

Title: Is the grass still greener? Examining trends in Canada to US nurse migration
Agency: Ontario Health Human Resources Research Network (OHHRRN)
Start & Finish Date: 2010
Amount: $25,000

Title: Health improvement project for teen parents (HIP Teen Parents): An integrative approach to HIV prevention with black adolescent mothers and fathers
Investigators: Nelson, L. E., Comfort, M., & Boyer, C.,
Agency: University of California San Francisco, Center for AIDS Prevention Studies
Start & Finish Date: 2010 - 2011
Amount per year: $25,000

Title: Mapping the relationship between religiosity and HIV risk among black gay men
Investigators: Nelson, L. E., & Mayer, K. H.
Agency: U.S. HIV Prevention Trials Network and National Institute of Allergy & Infectious Diseases
Start & Finish Date: 2010 - 2011
Amount per year: $42,145
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: 2010-2011
Amount: $98,602

Title: Toward a national report in nursing: A knowledge synthesis
Investigators: Doran, D.M., Meldon, B., & Clarke, S.
Agency: Academy of Canadian Executive Nurses
Start & Finish Date: Dec 2010 – Mar 2011
Amount per year: $5,200
Faculty Publications

**Journals/Periodicals**


**Books/Book Chapters**


To download the 2010 - 2011 *Bloomberg Nursing Annual Research Report*, scan the code or visit uoft.me/FONResearchReports