

# INSIGHT INNOVATION **IMPACT**

Annual Research Report 2017-2018



**BLOOMBERG**  
LAWRENCE S. BLOOMBERG  
FACULTY OF NURSING  
UNIVERSITY OF TORONTO

## #1 in Canada



In February 2018, Quacquarelli Symonds World University Ranking by Subject announced that it had graded Bloomberg Nursing as the #2 nursing school in the world and the #1 nursing school in Canada.

This honour, in part, is because of its quantifiable assessment of our research outputs, principally of our publications and citations.

But our numerous publications and citations only tell part of our story. The more important aspect is the impact we have beyond academia, in how our work influences society, health and policy. While publications and citations are noteworthy, having an impact on a population or a problem is what is the most important.

Our research moves from empirical study through to practice through our myriad knowledge translation initiatives. It is through sharing our research findings that Bloomberg Nursing inspires advancements in Canada and around the world.

Linda Johnston  
PhD, FEANS, FAAN

## Our research impact



While the research interests of Bloomberg Nursing faculty members are diverse, we are all striving to answer research questions that will generate evidence that our target audiences can use. As researchers, we each ask, "How can I make my research useful and ensure that it has an impact on my target population?"

Our faculty members are leading research programs that are having an impact. The research is informing decisions about public policies, clinical care, social programs and professional practice.

The students in all of Bloomberg Nursing's academic programs are exposed to and/or are leading research studies. They're being encouraged to contemplate the potential impact that their research will have.

Bloomberg Nursing research continues to have an impact, locally, nationally and internationally. In this year's *Research Report*, we highlight the significant impact of the research that our faculty members are leading.

Kelly Metcalfe  
PhD, FAAN, FCAHS  
Acting Associate Dean, Research & External Relations

## Contents

<b>Meet the Research Faculty</b>	<b>4</b>
<b>Think Global, Act Local</b>	
<i>Denise Gastaldo's Toronto intervention has international impact</i>	<b>6</b>
<b>Heartfelt Research</b>	
<i>Monica Parry's practice informs her research</i>	<b>8</b>
<b>Empowering Cancer Patients</b>	
<i>Doris Howell's research targets symptom self-management strategies</i>	<b>10</b>
<b>Bloomberg Nursing by the Numbers</b>	<b>12</b>
<b>Research Collaborations</b>	<b>16</b>
<b>Funding Awarded 2017-2018</b>	<b>19</b>
<b>Publications</b>	<b>24</b>
<b>Impact Spotlight</b>	<b>30</b>

Publisher:  
Kelly Metcalfe

Editor and Writer:  
Susan Pedwell

Design:  
Ashley Howell for acgd.ca

Associate Editor:  
Lindsay Curtis

Editorial Assistant:  
Marian Smith

# RESEARCH INFORMS CHANGES TO CARE, POLICY, PUBLIC HEALTH ...



# Meet the Research Faculty

**PROF. KRISTIN CLEVERLEY**

Mental health nursing practice, research and education  
[k.cleverley@utoronto.ca](mailto:k.cleverley@utoronto.ca)



**PROF. LISA CRANLEY**

Knowledge translation supporting health care providers' decision-making  
[lisa.cranley@utoronto.ca](mailto:lisa.cranley@utoronto.ca)



**PROF. CRAIG DALE**

Fundamental nursing care needs of acute and critically ill adults  
[craig.dale@utoronto.ca](mailto:craig.dale@utoronto.ca)



**PROF. CINDY-LEE DENNIS**

Maternal and paternal health outcomes and postpartum depression  
[cindylee.dennis@utoronto.ca](mailto:cindylee.dennis@utoronto.ca)



**PROF. DENISE GASTALDO**

Health as a social phenomenon, with focus on migration and gender  
[denise.gastaldo@utoronto.ca](mailto:denise.gastaldo@utoronto.ca)



**PROF. EDITH HILLAN**

The health of women and newborns from a global perspective  
[edith.hillan@utoronto.ca](mailto:edith.hillan@utoronto.ca)

**PROF. DORIS HOWELL**

Optimizing quality of cancer care and empowering patients  
[doris.howell@uhn.ca](mailto:doris.howell@uhn.ca)



**PROF. LIANNE JEFFS**

Patient safety, quality improvement and knowledge translation  
[jeffsl@smh.ca](mailto:jeffsl@smh.ca)



**PROF. LINDA JOHNSTON**

Pain management and long-term outcomes in the neonatal care environment  
[dean.nursing@utoronto.ca](mailto:dean.nursing@utoronto.ca)



**PROF. SAMANTHA MAYO**

Optimizing long-term health of cancer survivors  
[samantha.mayo@utoronto.ca](mailto:samantha.mayo@utoronto.ca)



**PROF. LINDA MCGILLIS HALL**

Nurse workforce policy, work environments and patient safety  
[l.mcgillishall@utoronto.ca](mailto:l.mcgillishall@utoronto.ca)



**PROF. KATHERINE MCGILTON**

Enhancing care of the older adult with cognitive impairment  
[kathy.mcgilton@uhn.ca](mailto:kathy.mcgilton@uhn.ca)

**PROF. KELLY METCALFE**

Prevention and treatment of hereditary breast and related cancers  
[kelly.metcalfe@utoronto.ca](mailto:kelly.metcalfe@utoronto.ca)



**PROF. CARLES MUNTANER**

Social inequities in health, social epidemiology and health disparities  
[carles.muntaner@utoronto.ca](mailto:carles.muntaner@utoronto.ca)



**PROF. SIOBAN NELSON**

History of the nursing profession  
[vp.fal@utoronto.ca](mailto:vp.fal@utoronto.ca)



**PROF. MONICA PARRY**

Supportive care to improve health outcomes for those with chronic disease  
[monica.parry@utoronto.ca](mailto:monica.parry@utoronto.ca)



**PROF. ELIZABETH PETER**

Ethical concerns in community nursing, especially home care  
[elizabeth.peter@utoronto.ca](mailto:elizabeth.peter@utoronto.ca)



**PROF. MARTINE PUTS**

Geriatric frailty and oncology, and the health of older adults  
[martine.puts@utoronto.ca](mailto:martine.puts@utoronto.ca)



**PROF. LOUISE ROSE**

Care and management of patients requiring mechanical ventilation  
[louise.rose@utoronto.ca](mailto:louise.rose@utoronto.ca)



**PROF. BONNIE STEVENS**

Assessment and management of pain in infants and children  
[bonnie.stevens@sickkids.ca](mailto:bonnie.stevens@sickkids.ca)



**PROF. JENNIFER STINSON**

Pain and symptom management of children and youth with chronic pain  
[jennifer.stinson@sickkids.ca](mailto:jennifer.stinson@sickkids.ca)



**PROF. ROBYN STREMLER**

Improving sleep and health outcomes in infants, children and parents  
[robbyn.stremler@utoronto.ca](mailto:robbyn.stremler@utoronto.ca)



**PROF. ANN TOURANGEAU**

Nursing-related determinants of health care outcomes  
[ann.tourangeau@utoronto.ca](mailto:ann.tourangeau@utoronto.ca)



**PROF. KIM WIDGER**

Improving paediatric palliative and end-of-life care  
[kim.widger@utoronto.ca](mailto:kim.widger@utoronto.ca)





# Bringing impact to light

Frances Bloomberg International Distinguished Visiting Professor says research must make a difference

“Right now, there’s a payback approach to research,” says Dr. **Karen Luker**, this year’s Distinguished Visiting Professor. “You need to prove that your research has the potential to lead to an improvement in service delivery in terms of added value for money, or that it can positively influence the health of the public or lead to improvements in treatment or quality of life.”

Over the course of the professorship, the community nursing professor and nurse leader from the University of Manchester in England engaged faculty, students and researchers at Toronto’s academic health care facilities in discussions on research impact. “Impacts are varied and most importantly include improvements in patient outcomes and quality of life related to their treatment and care,” she said. “Research that influences public debate and changes policy leading to improvements in the health of the public are considered impactful. In addition, research that improves the efficiency of health care and reduces costs, or leads to innovative service re-design is valued. Impacts can also include contributing to the development of professional standards and professional education and capacity building.”

In May, Luker spoke to faculty and Toronto Academic Health Science Network researchers about the increasing need to articulate the impact of their investigations. During the presentation, Luker listed the myriad ways that research can have an impact. Some of those ways include improving patient outcomes, stimulating public debate, lowering the cost of health care and improving social welfare.

The visiting professor recognized that investigators may be reluctant to share their findings outside of the research community for fear of being pressured to make unsubstantiated conclusions. However, she encouraged researchers to share even early data with their stakeholders so they can increase the impact of their research.

In monitoring the impact of her own research, Luker discovered that her survey on how cancer affects employment was cited in the analysis leading up to changing England’s Disability Act to include cancer as a disability. “Now, those with cancer can receive disability payments if they are unable to work,” said Luker. “This is an excellent example of how research is having an impact. The study helped change government policy.”





# Think global, act local

Research program for migrant transgender women promoted health through social inclusion

Associate Professor **Denise Gastaldo** investigates how social, political and economic processes affect health, both in Canada and internationally. One of her particular interests is how migration affects health. "International migration deeply disrupts social networks and support systems, potentially leading to social isolation and poor working conditions," she says. These, in turn, can produce acute health problems and chronic illness.

Dr. Gastaldo was the Evaluation Academic Lead on the "Trans Latinas Overcoming Radical Socio-Economic Exclusion" study. The objective of this community-based social intervention was to improve the health and well-being of the Spanish-speaking immigrant transgender women who attended the intervention's program in Toronto and to build capacity by sharing the intervention with others who work with radically excluded groups.

This research was a collaborative effort of practitioners at the Centre for Spanish Speaking People (CSSP), members of the Trans Latinas Ontario (TLO) group, and U of T students and researchers. "The need for this social intervention was identified by CSSP professionals," says Gastaldo. "Overall, what the TLO

members needed was to feel they have a rightful place in the larger society. This makes perfect sense as social integration is at the core of health promotion."

The participants were migrants from Spanish-speaking countries including Colombia, Venezuela, Argentina, Honduras and Mexico. "Most moved to Canada expecting to feel safe because they believed transphobia doesn't exist here," says Gastaldo. "But unfortunately, they face discrimination and exclusion here. While Canada is much safer for transgender women than many other countries, we still have a long way to go to eliminate transphobia."

During the intervention, the participants met every two weeks for six months for a workshop structured around three themes – self-care, belonging and professional skills.

At the end of the program, the workshop graduates were invited to lead a monthly self-care and advocacy evening. Through new partnerships, this sustainable outreach initiative aims to improve the well-being and socio-economic inclusion of transgender women in Toronto. Gastaldo and the other team members act as an advisory board for the graduates.

The intervention was evaluated through pre- and post-intervention questionnaires and hand mapping. The results indicate that most participants improved their self-care practices and expanded their social networks, and some achieved new job opportunities. The researchers recognize that improving social inclusion for transgender women requires consideration of and attentiveness to the multiple factors leading to socio-economic exclusion and the ways in which these factors interact with immigration and gendered social norms.

The impact of the study has extended not only locally, but globally. CSSP's community principal investigator created an educational workshop about transgender migrant women that she presented to health care providers and frontline service workers in Toronto. The interdisciplinary team developed a "lessons learned" best practices model that is benefiting those who work with transgender communities. The team is now preparing scholarly articles and an e-publication to share with community groups and other stakeholders. "We also shared the results in Latin America with the support of our international partners in Colombia and Costa Rica," says Gastaldo. "Our learnings are being widely circulated."

“Our community-university partnership created sustainable social innovation and new knowledge that has had local and international impact.”

– Associate Professor Denise Gastaldo









MONICA PARRY (LEFT) WITH VINCENZA SPITERI DEBONIS, A PATIENT ADVISER





# Heartfelt research

## Professor's practice informs her research

Associate Professor **Monica Parry's** research program focuses on reducing the burden of cardiovascular disease (CVD). It has three streams: 1) identifying individuals at risk of CVD, 2) improving care for those at risk of, or with the disease, and 3) managing the complications associated with CVD.

Dr. Parry also practises as a nurse practitioner in cardiac surgery at a hospital in Kingston, Ont. "The research I do must be relevant to practice," she says. As a PhD-prepared nurse, Parry insists that patients inform her research. "The patients bring the experience and the relevance, and have helped design some of my studies," she says.

One of Parry's recent investigations is "Cardiac Pain in Women with Arthritis." It focuses on women with inflammatory arthritis (IA), which includes rheumatoid arthritis, ankylosing spondylitis and psoriatic arthritis. "Women with IA have a disproportionate burden of coronary artery disease," says Parry. "They develop heart disease 10 years earlier than men with IA and have up to a 70 per cent increased risk of having a heart attack."

During a heart attack, men tend to have crushing chest pain, but women may experience more diffuse symptoms such as pain in the jaw, neck, shoulders and/or back, as well as extreme fatigue. "For women with IA, it can be difficult to distinguish arthritic pain from cardiac pain."

The objective of this study was to explore the current body of knowledge on the self-management of cardiac pain in women with IA. Parry and her team conducted a systematic review of MEDLINE, EMBASE and six other medical databases, as well as 156 grey literature repositories. "To our knowledge, this is the first systematic review of the literature related to self-management of cardiac pain in women with IA," says Parry.

The team performed a full-text assessment on 519 studies, but no study described the self-management of cardiac pain or associated cardiac pain equivalents – such as fatigue, dyspnea and exhaustion – in women with IA. "Our results suggest there is a lack of knowledge related to how women with IA recognize and self-manage cardiac pain," says Parry.

The knowledge gained from this study contributes to that obtained in a recent systematic review and meta-analysis, which found that self-management interventions reduce cardiac pain and cardiac pain equivalents in women. These interventions are more effective if they target women only, and include goal setting and support from health care providers. Parry and her team will translate this knowledge to women using a user-developed smartphone and web-based intervention called HEARTPA♀N. The intervention is expected to motivate healthy behaviours, reduce symptoms, be a crucial source of information and improve quality of life for women with cardiac pain and cardiac pain equivalents.

I consider patients as partners in research.

– Associate Professor  
Monica Parry



# Empowering cancer patients

Esteemed research chair allows professor to focus on improving patients' quality of life

Professor (status-only) **Doris Howell's** research focuses on minimizing the debilitating effects of cancer and its treatment, and on improving quality of life for patients living with cancer as a chronic illness. She examines how psychological factors – such as perceptions, beliefs and self-efficacy – affect the physical and emotional aspects of cancer. She develops, tests and disseminates behavioural self-management interventions and system innovations that target the side effects of cancer treatments.

"Cancer patients are required to adhere to complicated and often lifelong treatment regimes, managing multiple symptoms while adjusting to emotional distress and a changed sense of self," says Dr. Howell.

In 2004, Howell was appointed the inaugural RBC Financial Group Chair in Oncology Nursing and Research. This joint research chair between Bloomberg Nursing, U of T and the University Health Network (Princess Margaret Cancer Centre) allows Howell to dedicate up to 80 per cent of her time to research.

One of her current research projects is the "Usability and Feasibility Study of the Advanced Symptom Management System (ASyMS) for Chemotherapy Toxicities in Canadian Cancer Patients." The objective of the study is to reduce symptom burden by enhancing patients' confidence in their ability to self-manage the side effects of cancer treatments, such as nausea, mucositis, pain and fatigue. "It's the patient who shoulders the responsibility for symptom management 24-7," says Howell, "and most cancer patients struggle to manage their symptoms on their own, often using trial and error to find what works best."

The ASyMS mobile phone system provides for remote patient monitoring and early identification of treatment side effects between clinic visits. "It has been shown to have utility in Australia and the U.K.," says Howell.

In Phase 1 of the study, Howell and her research team evaluated the usability and feasibility of implementing

the ASyMS during chemotherapy treatment in the Ontario cancer system and adapted it to Canadian guidelines. This phase is now complete. The research team is disseminating their findings.

The team is also conducting Phase 2, a randomized controlled trial measuring the rate of recruitment, retention and adherence to the ASyMS intervention. It will allow the researchers to estimate the effectiveness of ASyMS in changing symptom severity, self-management behaviours, health care utilization and quality of life.

This phase will recruit 88 breast, colorectal and lymphoma cancer patients receiving adjuvant chemotherapy. Forty-four of them will be given a cellphone installed with the ASyMS app.

For the first two weeks of each chemo cycle, the patients with the ASyMS app enter their symptoms on the cellphone twice a day. The app then advises them on how to manage those symptoms by tailoring self-care information to the reported symptoms. It also generates additional questions to determine the acuteness of the symptoms. If a symptom is severe, the clinical trials nurse receives an alert on his or her phone and calls the patient. The nurse then triages the patient using the ASyMS decision support system to provide evidence-based advice and if necessary, arranges for the patient to see a health care professional.

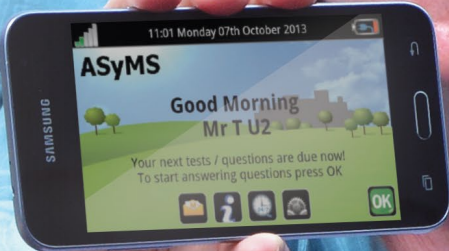
Howell's research study has the potential to improve the quality of life of cancer patients by reducing the severity of the side effects of cancer treatments and providing patients with self-management strategies and support. "ASyMS empowers cancer patients by shifting the response to symptoms from reactive to proactive care," says Howell. The intervention will also improve patient outcomes by promptly identifying symptoms that require medical attention. This, in turn, will reduce the burden on the health care system.



Cancer has lagged behind other diseases in terms of self-management because of its complexity. Cancer is not one disease. It's considered 200 diseases.

– Professor Doris Howell





#### I-CAN MANAGE

### Feedback Guide: Welcome Chapter & Chapter 1

Before you start to review the chapters provided, please read through this guide to let you know what kind of feedback we are looking to receive from you at this time. This will also provide information to help you understand the current status of the chapters and other supporting elements of the program.

#### Some things for you to keep in mind

- Some of the illustrations and image sourcing for certain areas of the chapters are still in progress. You will see empty boxes and small notes for future illustrations—these are placeholders for now, so please disregard them as you explore the chapters.



# By the numbers

QS World University Ranking, 2018:

**#1** Nursing Faculty in Canada

**#2** Nursing Faculty in the world

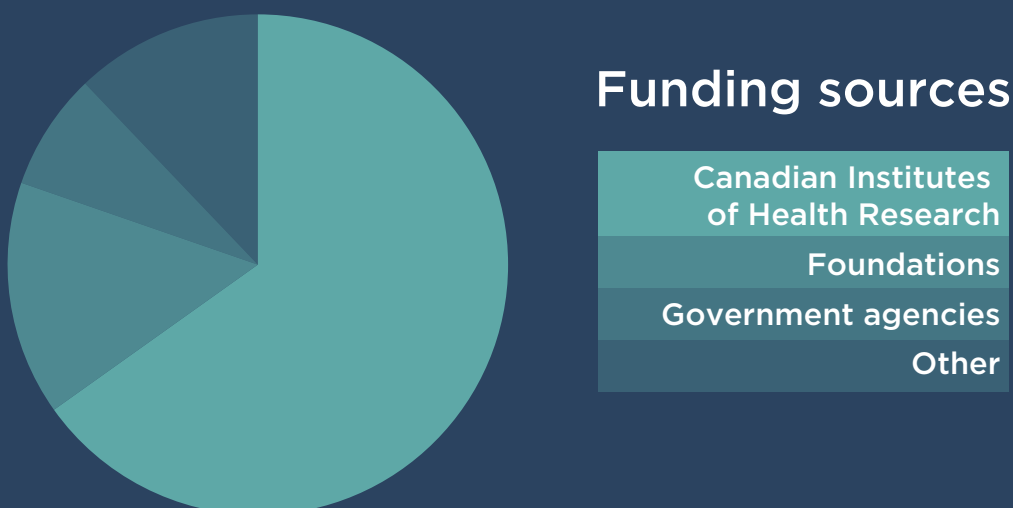
**8** Endowed research chairs

**4** Professorships

**181**

Journal articles

**11** Awards and distinctions



## Encouraging undergraduates

"The summer research program opened my eyes to what nurses can bring to the table," says **Morgan Hempinstall** from the BScN Class of 2018. "It was an amazing opportunity to see a different side of nursing."

In the summer of 2017, seventeen first-year students participated in our Undergraduate Student Summer Research Program, which pairs students with faculty members to give them the opportunity to be integrated into a faculty member's program of research.

Hempinstall was paired with Professor **Katherine McGilton** to contribute to her examination of the nurse supervisory role in long-term care homes. "I helped do the coding of the data from 25 previously conducted interviews," says Hempinstall. The interviews were with RNs, RPNs, PSWs and administrators in five long-term care homes. "I'd never done coding and data analysis before. I'd only done a literature review."

Bloomberg Nursing's undergraduate program requires applicants to have at least 10 university credits. But this year, all 176 students entering the two-year program had at least one university degree. In fact, 21 of them had a master's degree. Before starting our nursing program, Hempinstall earned a bachelor of health sciences degree.

"Working on this study showed me the importance of leadership in the work environment," he says. "It gave me a holistic view of how nurses work in a system."

Hempinstall's work over the summer was such a help to McGilton that she asked him to continue to be involved in her research during the school year by contributing to another study she was leading. For this study, Hempinstall analyzed chart data from long-term care homes to assess whether the clients had had hearing and vision testing. "Hearing issues can be misinterpreted as cognitive impairment," says Hempinstall. "The solution may be as simple as putting a sign over the patient's bed: 'Please make sure my hearing aids are in before you speak.'"

"Working on this research study showed me the importance of research and how it can inform clinical practice, which ultimately will help the elderly lead fulfilling lives. I hope to work with people of all ages, and benefit the health of everyone."

PHOTO: STEPHEN UHRANEY





## Taking heart

**Tieghan Killackey**, now in her third year of Bloomberg Nursing's doctoral program, is researching why there is low engagement in advance care planning (ACP) among patients with heart failure. Under the supervision of Professor **Elizabeth Peter**, Killackey is developing a relational autonomy model by exploring the experiences of heart failure patients as well as their family members and health care providers. Her research will expand our understanding of the complex challenges that heart failure patients face when making end-of-life decisions.

For this patient population, ACP is associated with fewer acute care admissions, increased satisfaction with care, and lower rates of anxiety and depression in family members. "If the family members know what is important to their loved one, they may experience less anxiety when asked to make decisions about care.

"It's important to have ACP conversations early and often," continues Killackey. "They allow patients to discuss their values and ensure that their future care reflects those values." Some conversations may be one-on-one with the patient and a health care provider, and nurses can assume this role. Other conversations may include family members.

"One reason why the majority of heart failure patients do not participate in ACP is because health care providers may feel they don't have enough training on how to best approach these conversations," she says. To address this concern, Killackey has given workshops as well as lunch-and-learn sessions and seminars at University Health Network where she practises as a staff nurse in the Peter Munk Cardiac Centre.

Another reason for low ACP rates is that heart failure has an unpredictable trajectory, she says. "It's hard to know what to expect, especially with the life-sustaining therapies that are available now for our patients, such as ventricular assist devices and implantable cardioverter-defibrillators."

Recently, Killackey was selected to receive the prestigious Adel S. Sedra Distinguished Graduate Award through the University of Toronto Awards of Excellence program. "I was extremely surprised because I knew it was very competitive," she says. The award will allow Killackey to present her research at international conferences and collaborate with leaders in nursing ethics as well as cardiovascular and palliative care. "Just as meaningful to me is the encouragement that the award provides and the recognition that this an important area of study," she says.



# Easing caregiver burden

"Caring for a family member who needs a ventilator is enormously demanding," says post-doctoral fellow **Marina Wasilewski**. "The amount and intensity of care that's required puts this role at the extreme end of the caregiving spectrum."

Under the supervision of Associate Professor **Louise Rose**, Dr. Wasilewski is conducting a pilot randomized controlled trial to explore the feasibility of an online peer support program for family caregivers of ventilator-assisted individuals (VAIs) and how it influences the caregivers' health and well-being.



Family caregiving is a serious public health issue.

– Postdoctoral student Marina Wasilewski

"Family caregivers can become so fixated on caring for their loved one that they neglect their own health," says Wasilewski, who researched adult children caring for aging parents for her doctoral thesis. "There are significant declines in mental and physical health when people take on the caregiving role."

As part of her postdoctoral studies, Wasilewski has developed the first peer-support program tailored to VAI caregivers. "In some cases, as with amyotrophic lateral sclerosis patients, a loved one's life is in the hands of the family caregiver," she says. "The caregivers need to be vigilant with their responsibilities, which include managing tube complications and responding to ventilator alarms. They can't easily get away to utilize in-person support groups."

To address the unique needs of VAI caregivers, Wasilewski created an online, 12-week peer support program that includes private chat options (where caregivers can communicate one-on-one using audio, video or text), as well as a weekly one-hour "live chat" in which the caregivers can engage with each other. For the study, Wasilewski will ask the caregivers to participate in the program at least twice a week and in most of the weekly chats.

"Peers are a key source of social support," she says. "Peers reduce isolation, buffer stress, enhance self-efficacy and create a sense of empowerment."

Wasilewski hopes that with positive findings from her postdoctoral work, the online peer support program can be launched as a hub where caregivers of VAIs in Canada can connect with each other. "The website will be a way for this very vulnerable group to battle isolation," she says.





152

16

---

## Our faculty have research partnerships in 36 countries

---

From China to Cuba, Singapore to Stockholm, Bloomberg Nursing's faculty members engage with other researchers to solve health problems locally and internationally.

---

### **152 collaborations in North America:**

---

Canada  
United States

---

### **16 collaborations in South America:**

---

Brazil  
Chile



# Research Collaborations

58

6

6

12

## 58 collaborations in the European Union:

Austria	Italy
Belgium	The Netherlands
Cyprus	Northern Ireland
Denmark	Poland
England	Scotland
Finland	Spain
France	Sweden
Germany	Wales
Ireland	

## 6 collaborations in Africa:

Ghana  
South Africa

## 6 collaborations in the Middle East:

Iran  
Israel  
Lebanon  
United Arab Emirates

## As well, we have collaborations in:

China	Norway	South Korea
Cuba	Singapore	Switzerland
India		

## 12 collaborations in Australasia:

Australia  
New Zealand



# Awards and Distinctions



## Canadian Association of Schools of Nursing

### Pat Griffin Award

Professor **Linda McGillis Hall** received the 2017 Pat Griffin Nursing Education Research Scholar Award from the Canadian Association of Schools of Nursing. The award acknowledges her research on Canada's transition from a Canadian entry-to-practice exam to one from the U.S.

In January 2015, the Canadian Registered Nurse Exam was replaced by the National Council Licensure Exam-RN from the States. Dr. McGillis Hall investigated the effects of the exam on students and the implications for Canadian educational institutions.



## Inducted into the Canadian Academy of Health Sciences

Professor **Kelly Metcalfe** has received three honours.

The **Canadian Academy of Health Sciences** presented Dr. Metcalfe with one of its highest awards by inducting her as a Fellow. The honour acknowledges her internationally recognized leadership, academic performance, scientific creativity and willingness to serve.

**U of T's Faculty of Medicine** recognized Metcalfe's exemplary career and research achievements with its 2017 Rising Star Award. This Dean's Alumni Award commends Metcalfe's numerous international studies that have informed the way in which hereditary breast cancer is prevented and treated.

In addition, Metcalfe was elected to the **Royal Society of Canada's College of New Scholars, Artists and Scientists**, which recognizes emerging Canadian intellectual leaders.



## Inducted into the American Academy of Nursing

Professor **Edith Hillan** and Professor (status-only) **Jennifer Stinson** have received the significant honour of being inducted into the American Academy of Nursing as Fellows.

Dr. Hillan is currently researching how to use new technologies to improve access to high-quality health care for mothers and newborns in rural and remote settings. Dr. Stinson's research focuses on smartphone and Internet technologies to help children and youth manage chronic pain.

Bloomberg Nursing now counts 13 faculty members as Fellows of the American Academy of Nursing.



## Canadian Critical Care Trials Group

### Deborah J. Cook Mentorship Award

Associate Professor **Louise Rose** is the 2018 recipient of the prestigious Deborah J. Cook Mentorship Award. It recognizes a member of the Critical Care Trials Group who has made exceptional contributions to promoting critical care research to those caring for this group of vulnerable people and, in particular, to those beginning their research career. Dr. Louise Rose conducts research on the care and management of patients who need mechanical ventilation.



## Sigma Theta Tau International, Lambda Pi-At-Large Chapter

### Dorothy M. Pringle Award

Assistant Professor **Craig Dale** received the 2017 Dorothy M. Pringle Award for Excellence in Research. The award recognizes Dr. Dale's research focus on the fundamental nursing care needs of acute and critically ill adults. His research concentrates on the pain management and communication of patients receiving oral care in the ICU.



## Council of Ontario University Programs in Nursing

### Scholarship into Practice Award

Professor **Cindy-Lee Dennis** is the 2018 recipient of COUPN's Scholarship into Practice Award, which recognizes the demonstrated impact of scholarship on nursing practice. Dr. Dennis holds the Canada Research Chair in Perinatal Community Health at U of T, and the Women's Health Research Chair at St Michael's Hospital and U of T.



## Canadian Association of Nurses in Oncology

Professor (status-only) **Doris Howell** has received two awards.

The **Canadian Association of Nurses in Oncology** recognized Dr. Howell's significant, innovative and sustained contributions to the profession with its 2017 Award of Distinction. Howell's research focuses on improving cancer patients' health, particularly their quality of life, by empowering them to self-manage their symptoms during and after treatment.

From the **Registered Nurses' Association of Ontario**, Howell received the 2018 Leadership Award in Nursing Research.



# An impressive investment

---

In November 2017, the Canadian Institutes of Health Research announced a \$17-million investment in a study led by Professor **Cindy-Lee Dennis**. It may be the largest grant ever awarded to a nurse researcher in Canada.

The funding is through the Healthy Life Trajectories Initiative (HeLTI), which focuses on reducing child obesity and the risk for non-communicable diseases, such as cardiovascular disease, type 2 diabetes and mental illness, later in life. HeLTI takes a Developmental Origins of Health and Disease approach, which stresses that environmental factors interact with genes during conception, fetal life, infancy and early childhood, affecting the individual's health later in life.

The HeLTI initiative is international and includes intervention cohorts in Canada, China, India and South Africa. They are aligned to enable harmonized data capture, comparative analysis of successful interventions, identification of mechanistic pathways, exchange of scientific ideas, and cross-study mentorship and training.

Dennis is leading the Canadian cohort called the "TRajectories Of healthy life using Public Health and primary care Interventions in Canada: The TROPIC Trial." This 10-year randomized controlled trial will evaluate the effect of a four-phase intervention from pre-conception to early childhood on child obesity and development, and school readiness. It involves a multidisciplinary team of 48 investigators from 21 institutions across six provinces.

The trial will recruit 10,000 couples planning a pregnancy and provide a preconception intervention that targets the goals of achieving an ideal pre-pregnancy weight, encouraging health behaviours (such as physical activity), promoting mental health, boosting the parental relationship and optimizing the home environment. The intervention will then continue into pregnancy, infancy and early childhood among the 70 per cent of couples expected to conceive.

To achieve the intervention goals, in each phase the families will receive telephone-based collaborative care by nurses; personalized e-health interventions, based on identified risk factors that target health behaviours; and a health promotion app that will supply time-sensitive information on a supportive, nurturing environment for a child and his or her family.





# Research Funding Awarded: 2017-2018

Investigators	Sponsor	Program	Title of Research Project	Awarded
K. Cleverley (PI), J.N. Stinson, et al.	Canadian Institutes of Health Research (CIHR)	Project Grant	Longitudinal Youth in Transition Study (LYITS)	\$1,002,150
D. Korczak (PI), K. Cleverley, et al.	Centre for Brain & Mental Health	Capitalize for Kids Health Outcomes Award	A focused suicide prevention strategy versus enhanced usual care for youth presenting to the emergency department with suicide related behaviour: A randomized controlled trial	\$100,000
L.A. Cranley (PI), L. McGillis Hall, K.S. McGilton, et al.	CIHR	Project Grant	Implementing an intervention to foster meaningful engagement and shared decision-making among residents, families, and healthcare teams in long-term care: A mixed methods approach	\$153,000
B.H. Cuthbertson (PI), C. Dale, L. Rose, et al.	CIHR	Project Grant – Bridge Funding	The SuDDICU study – A study of the impact of preventative antibiotics (SDD) on patient outcome and antibiotic resistance in the critically ill in intensive care	\$100,000
C.-L. Dennis, C.S. Birken, P. Jüni (Co-PIs), M.T. Puts, R.L. Stremmer, et al.	CIHR	Team Grant: Healthy Life Trajectories Initiative	TRajectories Of healthy life using Public Health and primary care Interventions in Canada: The TROPIC trial	\$17,018,637
H. Brown (PI), C.-L. Dennis, et al.	CIHR	Project Grant	Chronic medical conditions and perinatal mental illness	\$200,000
S.N. Vigod (PI), C.-L. Dennis, et al.	CIHR	Project Grant	Schizophrenia Understood in the Perinatal period: Psychiatric Outcomes and Reproductive Trajectories (SUPPORT) – Part 3: Child health	\$336,600
N.M. Ivers, A. Greenberg, P. Agarwal, C.-L. Dennis, S.N. Vigod (Co-PIs), et al.	CIHR	Catalyst Grant: Personalized Health Catalyst Grants	Automated screening, triage, and follow-up to facilitate proactive, personalized postpartum mental health treatment for new parents	\$189,943
S.G. Matthews, K. Kumaran, S.J. Lye, P. Shah, K.G. Suryanarayana, C. Yajnik (Co-PIs), C.-L. Dennis, et al.	CIHR	Team Grant – Healthy Life Trajectories Initiative India	Early Interventions to Support Trajectories for healthy life in India (EINSTEIN)	\$5,005,500
S.N. Vigod (PI), C.-L. Dennis, et al.	CIHR	Catalyst Grant: Personalized Health	Postpartum depression Action toward Causes and Treatment (PACT) – Canada: Predictive analytic models for postpartum depression risk	\$200,000
S.N. Vigod (PI), C.-L. Dennis, K.A. Metcalfe, et al.	CIHR	Project Grant	Randomized controlled trial of an electronic patient decision aid (PDA) for antidepressant medication use in pregnancy	\$719,100
D. Singla (PI), C.-L. Dennis, et al.	Patient-Centered Outcomes Research Institute		Improving the scalability of psychological treatments for perinatal depression and anxiety via teledelivery: A proposal for a pragmatic, randomized on-inferiority effectiveness trial	\$4,425,740
D. Forster (PI), C.-L. Dennis, et al.	National Health and Medical Research Council (Australia)		Preventing postnatal depression in new mothers using telephone peer support: A randomised controlled trial	\$800,000
K. Chaput (PI), C.-L. Dennis, et al.	University of Calgary	Clinical Research Fund Grant	Antenatal telephone psychotherapy intervention for the treatment and prevention of postpartum depression	\$10,000
W. Tharao, S. Godoy, N. Massaquoi, C. Joseph, D. Gastaldo, U. Bajwa, P. Ruiz	Women's XChange Grant	15K Challenge	Juntas/Together: Creating a wellbeing intervention for Latin American women at Women's Health in Women's Hands Community Health Centre	\$15,000

Investigators	Sponsor	Program	Title of Research Project	Awarded
<b>D.M. Howell</b>	CIHR & Canadian Cancer Society Research Institute	Innovation Grant	Adaptation, feasibility and acceptability study of the advanced symptom monitoring and management system (ASyMS) mobile health intervention to reduce chemotherapy toxicities in Canadian cancer patients	\$196,000
M.K. Krzyzanowska, L. Moody, <b>D.M. Howell</b> (Co-PIs), et al.	CIHR	Operating Grant: Partnerships for Health System Improvement for Cancer Control	Decreasing cancer burden: Testing a proactive model of care to improve the quality of toxicity management through patient activation for cancer self-management during the active treatment phase	\$961,492
R.L. Urquhart (PI), <b>D. Howell</b> , et al.	CIHR	Foundation Grant	Follow-up care of cancer survivors: Optimizing survivor and health system outcomes	\$957,545
S. Lambert, A. Katz, G. Ménard, J. McCusker, M. Morrison, M.M. Vickers (Co-PIs), <b>D.M. Howell</b> , et al.	CIHR	Catalyst Grant: SPOR Innovative Clinical Trials	An adaptive dyadic self-directed coping and self-management skills training intervention for caregivers of individuals with cancer: A pilot Sequential Multiple Assignment Randomized Trial (SMART) design	\$99,969
C. Zimmerman (PI), <b>D.M. Howell</b> , et al.	CIHR	Project Grant	Symptom screening and early palliative care in patients with advanced cancer: A randomized trial	\$1,002,150
<b>D.M. Howell</b>	CIHR	Institute Community Support Travel Award	Summer program in aging – Technology and innovation supporting the health of older adults. (S. Budhwani, doctoral student)	\$730
<b>L. Jeffs</b> (PI), <b>L. McGillis Hall</b> , et al.	Ontario Ministry of Health and Long-Term Care	Targeted Research	The NURSING SCOPE of Practice Evaluation project: The NURSING-SCOPE project	\$386,881
P.A. Rochon, S.E. Bronskill (Co-PIs), <b>L.P. Jeffs</b> , et al.	CIHR	Project Grant	A multi-method approach to exploring prescribing cascades	\$488,069
C. Bailey (PI), <b>L.P. Jeffs</b> , et al.	CIHR and Mitacs	Health System Impact Fellowship	Enhancing nurses' role in opioid stewardship – Implications for health policy, practice (advocacy) and patient safety. (C. Bailey, postdoctoral fellow)	\$108,500
<b>S. Mayo</b>	Oncology Nursing Society (U.S.)	Career Development Award	Advancing biomarker investigation of cancer-related cognitive impairment	\$20,000
<b>S. Mayo</b> (PI), <b>D. Howell</b> , <b>K. Metcalfe</b> , et al.	Oncology Nursing Society (U.S.)	Research Grant	Long-term neurocognitive function after allogeneic stem cell transplantation: A follow-up study	\$24,995
<b>L. McGillis Hall</b> (PI), M. Lalonde	Ontario Ministry of Advanced Education and Skills Development	Ontario Human Capital Research and Innovation Fund	Understanding the human capital impact of the change to the NCLEX-RN for Canadian nurse licensing: Phase 2	\$50,000
<b>L. McGillis Hall</b> (PI), <b>L. Cranley</b> , et al.	Ontario Nurses' Association		RN4Cast Study	\$237,300
J. McElhaney, G. Daybutch, J. Walker (Co-PIs), <b>K. McGilton</b> , et al.	CIHR	Project Grant	Integrated knowledge translation to address multi-morbidity and promote healthy aging in Indigenous people	\$1,476,450
S.A. Narod (PI), <b>K.A. Metcalfe</b> , et al.	CIHR	Foundation Grant	Clinical evaluative studies in hereditary breast and ovarian cancer	\$1,952,885
P. Frenz, <b>C. Muntaner</b> , O. Solar	World Health Organization		Global review report on the social determinants of health	\$50,000
<b>M.J. Parry</b> , T. Ceroni (Co-PIs), et al.	CIHR	Patient-Oriented Research Collaboration Grants	Building capacity for patient engagement and patient-oriented research in clinical trials	\$89,426



Investigators	Sponsor	Program	Title of Research Project	Awarded
<b>M.J. Parry</b> , H.A. Clarke (Co-PIs), <b>J.N. Stinson</b> , <b>J.H. Watt-Watson</b> , et al.	CIHR	Project Grant	Development and usability testing of HEARTPIN: An integrated smartphone and web-based intervention for women with cardiac pain	\$566,099
J. Gegus (PI), <b>M. Parry</b> , et al.	University of Toronto	Instructional Technology Innovation Fund	Using interprofessional student-directed simulation to enhance critical thinking and collaboration in emergency situations in community health settings	\$1,980
L. Pilote (PI), <b>M. Parry</b> , et al.	CIHR	Planning and Dissemination Grant – Institute Community Support	Impact of gender on health outcomes international meeting	\$15,000
<b>E. Peter</b>	Ted Rogers Centre for Heart Research Education Fund	Doctoral Fellowship	Improving advance care planning in heart failure management: Developing a relational model of the patient and family experience. (T. Killackey, doctoral student)	\$18,000
D.N. Wijeyesundera, S.M. Alibhai, P. Jüni, D.I. McIsaac (Co-PIs), <b>M.T. Puts</b> , et al.	CIHR	Project Grant	The Functional Improvement Trajectories After Surgery (FIT After Surgery) study: A multicentre prospective cohort study to evaluate the incidence, trajectories, risk factors, impact and healthcare costs related to significant new disability after major elective surgery	\$1,388,474
<b>M. Puts</b>	CIHR	Travel Award	The impact of falls on cancer treatment in older adults with cancer. (S. Sattar, doctoral student)	\$1,000
<b>L. Rose</b> , F.J. Page (Co-PIs), et al.	CIHR	Project Grant	Core outcome set development for effectiveness trials of interventions to prevent or treat delirium (Del-CORs)	\$271,576
<b>L. Rose</b> (PI), <b>C. Dale</b> , et al.	Ontario Respiratory Care Society	Research Award	Patient and family centred performance measures focused on actionable processes of care for persistent critical illness	\$25,000
<b>L. Rose</b> (PI), <b>C. Dale</b> , et al.	Canadian Lung Association		Patient and family centred performance measures focused on actionable processes of care for persistent critical illness	\$20,000
<b>L. Rose</b> , L. Burry (Co-PIs), <b>C. Dale</b> , et al.	Sunnybrook Practice-based Research Fund		Feasibility of melatonin for prevention of delirium in critically ill patients: Protocol for a multi-centre, randomized, placebo-controlled study	\$9,953
B.H. Cuthbertson, G.E. Garber, C. Misak, <b>L. Rose</b> , S. Murthy (Co-PIs), <b>C. Dale</b> , et al.	CIHR	Project Grant	The SuDDICU study – A study of the impact of preventative antibiotics (SDD) on patient outcome and antibiotic resistance in the critically ill in intensive care	\$2,999,929
L.J. Morrison (PI), <b>L. Rose</b> , et al.	CIHR	Planning and Dissemination Grant	Resuscitation in Motion (RiM) 2018 – From research to real world resuscitation – Dissemination and knowledge exchange for best practice	\$15,000
A. Gershon (PI), <b>L. Rose</b> , et al.	CIHR	Foundation Grant	Canadian Best Respiratory Research Evaluation and Analyst Team of Health Experts (CanBREATHE)	\$926,746
M. Campbell-Yeo (PI), <b>B. Stevens</b> , et al.	Nova Scotia Health Research Foundation	Establishment Grant	Effect of skin-to-skin contact on acute pain response in the preterm brain	\$149,980
M.A. Latimer, J.R. Sylliboy (Co-PIs), <b>B.J. Stevens</b> , <b>J.N. Stinson</b> , et al.	CIHR	Planning and Dissemination Grant	PICH2Go Indigenous	\$23,613
<b>J.N. Stinson</b> , L. Jibb (Co-PIs), et al.	Canadian Cancer Society Research Institute	Quality of Life Grant	The PainSquad+ smartphone app to support real-time pain management for adolescents with cancer: A randomized controlled trial	\$299,983

Investigators	Sponsor	Program	Title of Research Project	Awarded
J.N. Stinson, L. Jibb (Co-PIs), et al.	CIHR	Project Grant	The PainSquad+ smartphone app to support real-time pain management for adolescents with cancer: A randomized controlled trial	\$573,752
J.N. Stinson (PI), et al.	CIHR	Patient-Oriented Research Collaboration Grants	Building sustainable partnerships with patients and families to guide pediatric chronic pain research and practice in Canada	\$46,955
J.N. Stinson (PI), et al.	CIHR	Planning and Dissemination Grant	Developing a pediatric neuropathic pain instrument: A consensus conference	\$29,807
J.N. Stinson	CIHR	Brain Star Award	Dyadic analysis of child and parent trait and state pain catastrophizing in the process of children's communication. (K. Birnie, postdoctoral fellow)	\$1,500
J.N. Stinson, F. Campbell (Co-PIs), et al.	CIHR	Project Grant	iCanCope with post-operative pain (iCanCope PostOp): Development and evaluation of a smartphone-based pain self-management program for adolescents following surgery	\$382,500
J.N. Stinson	CIHR	Travel Award	My Post-Operative Pain (MyPOP): A smartphone-based app to address gaps in post-operative pain self-management for youth. (K. Birnie, postdoctoral fellow)	\$1,500
S. Kashikar-Zuck (PI), J. Stinson, et al.	National Institutes of Health	Canadian Subsite	Multi-site randomized clinical trial of FIT teens for juvenile fibromyalgia	\$139,278
S.J. Anthony (PI), J.N. Stinson, et al.	CIHR	Early Career Grants in Maternal, Reproductive, Child and Youth Health	Measuring what matters: Integrating patient-reported measures into clinical practice	\$49,948
S.J. Anthony (PI), J.N. Stinson, et al.	CIHR	Patient-Oriented Research Collaboration Grants	Measuring what matters: Integrating patient-reported outcomes into clinical practice – A consensus conference	\$49,961
L.R. Gauthier, C. Laloo (Co-PIs), J.N. Stinson, et al.	CIHR	Personalized Health Catalyst Grant	PainQuILT: A patient-centred solution to empower older adults and improve pain assessment and management	\$162,027
B.M. Feldman (PI), J.N. Stinson, et al.	CIHR	Project Grant	Sleep and pain in childhood arthritis: A crossover randomized controlled trial comparing adequate and restricted sleep duration, and its impact on pain in adolescents with arthritis	\$256,275
R.L. Stremler	CIHR	Healthy Behaviour Data Challenge – Letter of Intent	The PHASStrack (Physical Activity, Sleep, Sedentary behaviour tracking) app	\$10,000
R.L. Stremler (PI), et al.	CIHR	Healthy Behaviour Data Challenge	The PHASStrak system	\$25,000
K. Widger (PI), et al.	Hospital for Sick Children	Norman Saunders Complex Care Grant	Development of a conceptual framework for quality of life in children with medical complexity	\$14,128
K. Weingarten, K. Widger, D. Wilson	Hospital for Sick Children	Innovation Grant, Clinical Advisory Council	Early consultation for children undergoing hematopoietic stem cell transplantation (quality improvement project)	\$10,000
H. Siden (PI), K. Widger, et al.	University of British Columbia	2017 Grants for Catalyzing Research Clusters	The frail young: Care for children with complex illnesses, their families and communities	\$98,000
S. Gupta (PI), K.A. Widger, et al.	CIHR	Project Grant	Long-term morbidity and mortality among mothers and siblings of children with cancer: A population-based study using health services data	\$233,325



Abbass-Dick J, & Dennis CL. (2018). Maternal and paternal experiences and satisfaction with a co-parenting breastfeeding support intervention in Canada. *Midwifery*, 56, 135-41.

Abbass-Dick J, Xie F, Koroluk J, Alcock Brillinger S, Huizinga J, ... Dennis CL. (2017). The development and piloting of an eHealth breastfeeding resource targeting fathers and partners as co-parents. *Midwifery*, 50, 139-47.

Ahola Kohut S, LeBlanc C, O'Leary K, McPherson AC, McCarthy E, ... Stinson J. (2018). The Internet as a source of support for youth with chronic conditions: A qualitative study. *Child Care Health Dev*, 44(2), 212-20.

Ahola Kohut S, Stinson J, Davies-Chalmers C, Ruskin D, & van Wyk M. (2017). Mindfulness-based interventions in clinical samples of adolescents with chronic illness: A systematic review. *J Altern Complement Med*, 23(8), 581-9.

Ahola Kohut S, Stinson J, Forgeron P, Luca S, & Harris L. (2017). Been there, done that: The experience of acting as a young adult mentor to adolescents living with chronic illness. *J Pediatr Psychol*, 42(9), 962-9.

Aita M, Stremmler R, Feeley N, Lavallée A, & De Clifford-Faugère G. (2017). Effectiveness of interventions during NICU hospitalization on the neurodevelopment of preterm infants: A systematic review protocol. *Syst Rev*, 6(1), 225.

Amin R, Parshuram C, Kelso J, Lim A, Mateos D, ... Rose L. (2017). Caregiver knowledge and skills to safely care for pediatric tracheostomy ventilation at home. *Pediatr Pulmonol*, 52(12), 1610-5.



Angus JE, Dale CM, Nielsen LS, Kramer-Kile M, Lapum J, ... Clark A. (2018). Gender matters in cardiac rehabilitation and diabetes: Using Bourdieu's concepts. *Soc Sci Med*, 200, 44-51.

Araban M, Karimian Z, Karimian Kakolaki Z, McQueen KA, & Dennis CL. (2018). Randomized controlled trial of a prenatal breastfeeding self-efficacy intervention in primiparous women in Iran. *J Obstet Gynecol Neonatal Nurs*, 47(2), 173-83.

Barbera L, Sutradhar R, Chu A, Seow H, Earle CC, ... Howell D. (2017). Has province-wide symptom screening changed opioid prescribing rates in older patients with cancer? *J Oncol Pract*, 13(11), e927-34.

Barbera L, Sutradhar R, Chu A, Seow H, Howell D, ... DeAngelis C. (2017). Opioid prescribing among cancer and non-cancer patients: Time trend analysis in the elderly using administrative data. *J Pain Symptom Manage*, 54(4), 484-92.e1.

Bennett K, Duda S, Brouwers M, Szatmari P, Newton A, ... Rice M (including Cleverley K). (2018). Towards high-quality, useful practice guidelines for child and youth mental health disorders: Protocol for a systematic review and consensus exercise. *BMJ Open*, 8(2), e018053.

Berta W, Laporte A, Perreira T, Ginsburg L, ... Neves P (including Cranley L). (2018). Relationships between work outcomes, work attitudes and work environments of health support workers in Ontario long-term care and home and community care settings. *Hum Resour Health*, 16(1), 15.

Birn AE, Muntaner C, & Afzal Z. (2018). South-south cooperation in health: Bringing in theory, politics, history, and social justice. *Cad Saude Publica*, 33 (Suppl 2), e00194616.

Bjørnnes AK, Parry M, Falk R, Watt-Watson J, Lie I, & Leegaard M. (2017). Impact of marital status and comorbid disorders on health-related quality of life after cardiac surgery. *Qual Life Res*, 26(9), 2421-34.

Bjørnnes AK, Parry M, Lie I, Falk R, Leegaard M, & Rustøen T. (2018). The association between hope, marital status, depression and persistent pain in men and women following cardiac surgery. *BMC Womens Health*, 18(1), 2.

Bowers A, Cleverley K, Di Clemente C, & Henderson J. (2017). Transitional-aged youth perceptions of influential factors for substance-use change and treatment seeking. *Patient Prefer Adher*, 11, 1939-48.

Breakey VR, Harris L, Davis O, Agarwal A, Ouellette C, ... Stinson J. (2017). The quality of information about sickle cell disease on the Internet for youth. *Pediatr Blood Cancer*, 64(4).

Brown HK, Mueller M, Edwards S, Mill C, Enders J, ... Dennis CL. (2017). Preconception health interventions delivered in public health and community settings: A systematic review. *Can J Public Health*, 108(4), e388-97.

Burry LD, Williamson DR, Mehta S, Perreault MM, Mantas I, ... Rose L. (2017). Delirium and exposure to psychoactive medications in critically ill adults: A multi-centre observational study. *J Crit Care*, 42, 268-74.

Calvasina P, Gastaldo D, Quiñonez C, & Muntaner C. (2017). Appreciative inquiry: Characteristics, utilization and possibilities for the field of health in Brazil [Pesquisa apreciativa: Características, utilização e possibilidades para a área da saúde no Brasil]. *Interface - Comunicação, Saúde, Educação*, 22(64).

Campbell-Yeo M, Dol J, Disher T, Benoit B, ... Caddell K (including Stinson J). (2017). The power of a parent's touch: Evaluation of reach and impact of a targeted evidence-based YouTube video. *J Perinat Neonatal Nurs*, 31(4), 341-9.

Campitelli MA, Maxwell CJ, Giannakeas V, Bell CM, ... Bronskill SE (including Jeffs L). (2017). The variation of statin use among nursing home residents and physicians: A cross-sectional analysis. *J Am Geriatr Soc*, 65(9), 2044-51.

Caspar S, Le A, & McGilton KS. (2017). The responsive leadership intervention: Improving leadership and individualized care in long-term care. *Geriatr Nurs*, 38(6), 559-66.

Cavallo S, Brosseau L, Toupin-April K, Wells GA, Smith CA, ... Whitney-Mahone K (including Stinson J). (2017). Ottawa Panel evidence-based clinical practice guidelines for structured physical activity in the management of juvenile idiopathic arthritis. *Arch Phys Med Rehabil*, 98(5), 1018-41.

Cignacco E, Schenk K, Stevens B, Stoffel L, Bassler D, ... Nelle M. (2017). Individual contextual factors in the validation of the Bernese pain scale for neonates: Protocol for a prospective observational study. *BMC Pediatr*, 17(1), 171.

Commisso E, McGilton KS, Ayala AP, Andrew MK, Bergman H, ... Puts MTE. (2017). Identifying and understanding the health and social care needs of older adults with multiple chronic conditions and their caregivers: A protocol for a scoping review. *BMJ Open*, 7(12), e018247.

Corbijn van Willenswaard K, Lynn F, McNeill J, McQueen K, Dennis CL, ... Alderdice F. (2017). Music interventions to reduce stress and anxiety in pregnancy: A systematic review and meta-analysis. *BMC Psychiatry*, 17(1), 271.

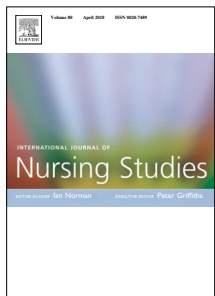
Corkum PV, Reid GJ, Hall WA, Godbout R, [Strempler R](#), ... Rigney G. (2018). Evaluation of an Internet-based behavioral intervention to improve psychosocial health outcomes in children with insomnia (Better nights, Better days): Protocol for a randomized controlled trial. *JMIR Res Protoc*, 7(3), 376.

[Cranley LA](#), Cummings GG, Profetto-McGrath J, Toth F, & Estabrooks CA. (2017). Facilitation roles and characteristics associated with research use by healthcare professionals: A scoping review. *BMJ Open*, 7(8), e014384.

[Cranley LA](#), Hoben M, Yeung J, Estabrooks CA, Norton PG, & Wagg A. (2018). SCOPEOUT: Sustainability and spread of quality improvement activities in long-term care – a mixed methods approach. *BMC Health Serv Res*, 18(1), 174.

Da Costa D, Zekowitz P, Letourneau N, Howlett A, [Dennis CL](#), ... Khalifé S. (2017). HealthyDads.ca: What do men want in a website designed to promote emotional wellness and healthy behaviors during the transition to parenthood? *J Med Internet Res*, 19(10), e325.

[Dale CM](#), King J, Amin R, Katz S, McKim D, ... [Rose L](#). (2017). Health transition experiences of Canadian ventilator-assisted adolescents and their family caregivers: A qualitative interview study. *Paediatr Child Health*, 22(5), 277-81.



[Dale CM](#), Smith O, Burry L, & [Rose L](#). (2017). Prevalence and predictors of difficulty accessing the mouths of intubated critically ill adults to deliver oral care: An observational study. *Int J Nurs Stud*, 80, 36-40.

Daneman N, Campitelli MA, Giannakeas V, Morris AM, ... Bronskill SE (including [Jefferis L](#)). (2017). Influences on the start, selection and duration of treatment with antibiotics in long-term care facilities. *CMAJ*, 189(25), E851-60.

[Dennis C](#), & Brown HK. (2017). Psychosocial, psychological, and pharmacological interventions for treating antenatal anxiety. *Cochrane Database Syst Rev*, 11 (14 Nov 2017), CD012870.

[Dennis CL](#), Brown HK, & Brennenstuhl S. (2017). The Postpartum Partner Support Scale: Development, psychometric assessment, and predictive validity in a Canadian prospective cohort. *Midwifery*, 54, 18-24.

[Dennis CL](#), Brown HK, Falah-Hassani K, Marini FC, & Vigod SN. (2017). Identifying women at risk for sustained postpartum anxiety. *J Affect Disord*, 213, 131-7.

[Dennis CL](#), Brown HK, Wanigaratne S, Fung K, Vigod SN, ... Brennenstuhl S. (2018). Prevalence, incidence, and persistence of postpartum depression, anxiety, and comorbidity among Chinese immigrant and nonimmigrant women: A longitudinal cohort study. *Can J Psychiatry*, 63(1), 44-53.

[Dennis CL](#), Brown HK, Wanigaratne S, Vigod SN, Grigoriadis S, ... Brennenstuhl S. (2018). Determinants of comorbid depression and anxiety postnatally: A longitudinal cohort study of Chinese-Canadian women. *J Affect Disord*, 227, 24-30.



[Dennis CL](#), Falah-Hassani K, & Shiri R. (2017). Prevalence of antenatal and postnatal anxiety: Systematic review and meta-analysis. *Br J Psychiatry*, 210(5), 315-23.

[Dennis CL](#), Merry L, & Gagnon AJ. (2017). Postpartum depression risk factors among recent refugee, asylum-seeking, non-refugee immigrant, and Canadian-born women: Results from a prospective cohort study. *Soc Psychiatry Psychiatr Epidemiol*, 52(4), 411-22.

Desveaux L, Saragosa M, Rogers J, Bevan L, ... Ivers NM (including [Jefferis L](#)). (2017). Improving the appropriateness of antipsychotic prescribing in nursing homes: A mixed-methods process evaluation of an academic detailing intervention. *Implement Sci*, 12(1), 71.

Desveaux L, Shaw J, Saragosa M, Soobiah C, Marani H, ... [Jefferis L](#). (2018). A mobile app to improve self-management of individuals with type 2 diabetes: Qualitative realist evaluation. *J Med Internet Res*, 20(3), e81.

Droz JP, Albrand G, Gillessen S, Hughes S, ... Aapro M (including [Puts M](#)). (2017). Management of prostate cancer in elderly patients: Recommendations of a task force of the International Society of Geriatric Oncology. *Eur Urol*, 72(4), 521-31.

Droz JP, Boyle H, Albrand G, Mottet N, & [Puts M](#). (2017). Role of geriatric oncologists in optimizing care of urological oncology patients. *Eur Urol Focus*, 3(4-5), 385-94.

Eaton Russell C, [Widger K](#), Beaune L, Neville A, Cadell S, ... Barrera M. (2018). Siblings' voices: A prospective investigation of experiences with a dying child. *Death Stud*, 42(3), 184-94.

Falah-Hassani K, Shiri R, & [Dennis CL](#). (2017). The prevalence of antenatal and postnatal co-morbid anxiety and depression: A meta-analysis. *Psychol Med*, 47(12), 2041-53.

Farias L, Rudman DL, Magalhães L, & [Gastaldo D](#). (2017). Reclaiming the potential of transformative scholarship to enable social justice. *Int J Qual Meth*, 16(1).

Gehrs M, Strudwick G, Ling S, Reisdorfer E, & [Cleverley K](#). (2017). Addressing gaps in mental health and addictions nursing leadership: An innovative professional development initiative. *Nurs Leadersh (Tor Ont)*, 30(3), 23-42.

Geng Z, [Howell D](#), Xu H, & Yuan C. (2017). Quality of life in Chinese persons living with an ostomy: A multisite cross-sectional study. *J Wound Ostomy Continence Nurs*, 44(3), 249-56.

Gerges S, [Peter E](#), Bowles SK, Diamond S, Bucci LM, ... Taddio A. (2018). Pharmacists as vaccinators: An analysis of their experiences and perceptions of their new role. *Hum Vaccin Immunother*, 14(2), 471-7.

Ghodraty Jabloo V, Alibhai SMH, Fitch M, [Tourangeau AE](#), Ayala AP, & [Puts MTE](#). (2017). Antecedents and outcomes of uncertainty in older adults with cancer: A scoping review of the literature. *Oncol Nurs Forum*, 44(4), E152-67.

Global Migration and Health Initiative ([Gastaldo D](#), Cortinois AA, Aguilera M, del Mar Pastor-Bravo M, Rivas-Quarneti N, et al.). (2017). Fractured families and communities as an effect of migration and structural violence. [Familias y comunidades fracturadas como efecto de la migración y la violencia estructural.] [Editorial]. *Metas de Enfermería*, 20(7), 3-4.

Goddard SL, Lorencatto F, Koo E, [Rose L](#), Fan E, ... Cuthbertson BH. (2018). Barriers and facilitators to early rehabilitation in mechanically ventilated patients – a theory-driven interview study. *J Intensive Care*, 6, 4.

Guenette M, Burry L, Cheung A, Farquharson T, Traill M, ... [Rose L](#). (2017). Psychotropic drug use in physically restrained, critically ill adults receiving mechanical ventilation. *Am J Crit Care*, 26(5), 380-7.

Guglielmin M, [Muntaner C](#), O'Campo P, & Shankardass K. (2018). A scoping review of the implementation of Health in All Policies at the local level. *Health Policy*, 122(3), 284-92.

Guo J, Shi Z, Chen JL, Dixon JK, Wiley J, & [Parry M](#). (2018). Translation and validation of the Canadian diabetes risk assessment questionnaire in China. *Public Health Nurs*, 35(1), 18-28.

Halperin IJ, Mukerji G, Maione M, Segal P, Wolfs M, ... [Jefferis L](#). (2018). Adult patient perspectives on care for type 1 and type 2 diabetes across the Institute of Medicine's six domains of quality. *Can J Diabetes*, 42(1), 36-43.

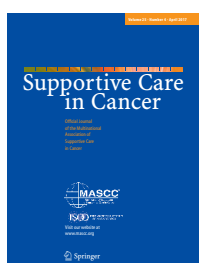


Hawke LD, [Cleverley K](#), Settapani C, Rice M, & Henderson J. (2017). Youth friendliness in mental health and addiction services: Protocol for a scoping review. *BMJ Open*, 7(9), e017555.

Hay AE, Leung YW, Pater JL, Brown MC, ... Liu G (including [Howell D](#)). (2017). Linkage of clinical trial and administrative data: A survey of cancer patient preferences. *Curr Oncol*, 24(3), 161-7.

[Hillan E](#). (2017). Making a difference in the world. [Editorial]. *Br J Midwifery*, 25(6), 2.

Hoben M, Knopp-Sihota JA, Nesari M, Chamberlain SA, ... Estabrooks CA (including [Stevens BJ](#)). (2017). Health of health care workers in Canadian nursing homes and pediatric hospitals: A cross-sectional study. *CMAJ Open*, 5(4), E791-9.



[Howell D](#), Harth T, Brown J, Bennett C, & Boyko S. (2017). Self-management education interventions for patients with cancer: A systematic review. *Support Care Cancer*, 25(4), 1323-55.

[Howell D](#). (2018). It is unclear whether specialist palliative care teleconsultation leads to an improvement in patient symptom scores. *Evid Based Nurs*, 21(1), 1.

[Howell DM](#). (2018). Supported self-management for cancer survivors to address long-term biopsychosocial consequences of cancer and treatment to optimize living well. *Curr Opin Support Palliat Care*, 12(1), 92-9.

Huang YJ, [Parry M](#), Zeng Y, Luo Y, Yang J, & He GP. (2017). Examination of a nurse-led community-based education and coaching intervention for coronary heart disease high-risk individuals in China. *Asian Nurs Res (Korean Soc Nurs Sci)*, 3(3), 187-93.

Huguet A, Olthuis J, McGrath PJ, Tougas ME, Hayden JA, [Stinson JN](#), & Chambers CT. (2017). Systematic review of childhood and adolescent risk and prognostic factors for persistent abdominal pain. *Acta Paediatr*, 106(4), 545-53.

Jackson KT, & [Dennis CL](#). (2017). Lanolin for the treatment of nipple pain in breastfeeding women: A randomized controlled trial. *Matern Child Nutr*, 13(3).

[Jeffs L](#), Jain AK, Man RH, Onabajo N, Desveaux L, ... Bhatia RS. (2017). Exploring the utility and scalability of a telehomecare intervention for patients

with chronic kidney disease undergoing peritoneal dialysis – a study protocol. *BMC Nephrol*, 18(1), 155.



[Jeffs L](#), Kuluski K, Law M, Saragosa M, Espin S, ... Bell CM. (2017). Identifying effective nurse-led care transition interventions for older adults with complex needs using a structured expert panel. *Worldviews Evid Based Nurs*, 14(2), 136-44.

[Jeffs L](#), Saragosa M, Law M, Kuluski K, Espin S, ... Bell CM. (2017). Elucidating the information exchange during interfacility care transitions: Insights from a qualitative study. *BMJ Open*, 7(7), e015400.

[Jeffs L](#), Saragosa M, Law M, Kuluski K, Espin S, ... Collins K. (2018). The varying roles of nurses during interfacility care transitions. *J Nurs Care Qual*, 33(1), E1-6.

[Jeffs L](#), Saragosa M, Law MP, Kuluski K, Espin S, & Merkley J. (2017). The role of caregivers in interfacility care transitions: A qualitative study. *Patient Prefer Adher*, 11, 1443-50.

[Jeffs L](#), Saragosa M, Zahradnik M, Maione M, Hindle A, ... Ramji N. (2017). Collaborative care transitions symposium: Insights from participants. *Nurs Leadersh (Tor Ont)*, 30(2), 39-56.



[Jeffs LP](#). (2017). Optimizing care transitions: Adapting evidence-informed solutions to local contexts. *Jt Comm J Qual Patient Saf*, 43(9), 431-2.

Jibb LA, Cafazzo JA, Nathan PC, Seto E, [Stevens BJ](#), ... [Stinson JN](#). (2017). Development of a mHealth real-time pain self-management app for adolescents with cancer: An iterative usability testing study. *J Pediatr Oncol Nurs*, 34(4), 283-94.

Jibb LA, [Stevens BJ](#), Nathan PC, Seto E, Cafazzo JA, ... [Stinson JN](#). (2017). Implementation and preliminary effectiveness of a real-time pain management smartphone app for adolescents with cancer: A multicenter pilot clinical study. *Pediatr Blood Cancer*, 64(10).

Keilty K, Cohen E, Spalding K, Pullenayegum E, & [Stremmler R](#). (2018). Sleep disturbance in family caregivers of children who depend on medical technology. *Arch Dis Child*, 103(2), 137-42.

Kokkinen L, Shankardass K, O'Campo P, & [Muntaner C](#). (2017). Taking health into account in all policies: Raising and keeping health equity high on the political agenda. *J Epidemiol Community Health*, 71(8), 745-6.

Kurahashi AM, [Stinson JN](#), van Wyk M, Luca S, Jamieson T, ... Husain A. (2018). The perceived ease of use and usefulness of Loop: Evaluation and content analysis of a web-based clinical collaboration system. *JMIR Hum Factors*, 5(1), e2.

Semple LJ, [Metcalf K](#), Shoukat F, Sun P, & Narod S. (2017). Survival differences in women with and without autologous breast reconstruction after mastectomy for breast cancer. *Plast Reconstr Surg Glob Open*, 5(4), e1281.

Labbé C, Leung Y, Silva Lemes JG, Stewart E, Brown C, ... [Howell D](#). (2017). Real-world EQ5D health utility scores for patients with metastatic lung cancer by molecular alteration and response to therapy. *Clin Lung Cancer*, 18(4), 388-95.e4.

Lalloo C, Shah U, Birnie KA, Davies-Chalmers C, Rivera J, [Stinson J](#), & Campbell F. (2017). Commercially available smartphone apps to support postoperative pain self-management: Scoping review. *JMIR Mhealth Uhealth*, 5(10), e162.

Leslie K, [Nelson S](#), Deber R, & Gilmour J. (2018). Policy tensions in regulatory reform: Changes to regulation of health professions in Australia, the United Kingdom, and Ontario, Canada. *J Nurs Reg*, 8(4), 32-42.

Leslie K, & [Nelson S](#). (2017). Ensuring proactive regulatory initiatives align with the public interest. *Healthc Pap*, 16(4), 44-9.

Letourneau NL, [Dennis CL](#), Cosic N, & Linder J. (2017). The effect of perinatal depression treatment for mothers on parenting and child development: A systematic review. *Depress Anxiety*, 34(10), 928-66.

Leung D, [Angus JE](#), Sinuff T, Bavly S, & [Rose L](#). (2017). Transitions to end-of-life care for patients with chronic critical illness: A meta-synthesis. *Am J Hosp Palliat Care*, 34(8), 729-36.

Leung D, Blastorah M, Nusdorfer L, Jeffs A, Jung J, [Howell D](#), ... [Rose L](#). (2017). Nursing patients with chronic critical illness and their families: A qualitative study. *Nurs Crit Care*, 22(4), 229-37.

Liede A, Mansfield CA, [Metcalf K](#), Price MA, Kathleen Cunningham Foundation Consortium for Research into Familial Breast Cancer, ... Evans DG. (2017). Preferences for breast cancer risk reduction among BRCA1/BRCA2 mutation carriers: A discrete-choice experiment. *Breast Cancer Res Treat*, 165(2), 433-44.

Lindsay S, [Stinson J](#), Stergiou-Kita M, & Leck J. (2017). Improving transition to employment for youth with physical disabilities: Protocol for a peer electronic mentoring intervention. *JMIR Res Protoc*, 6(7), e215.

Luca NJ, [Stinson JN](#), Feldman BM, Benseler SM, Beaton D, ... Bayoumi AM. (2017). Validation of the standardized universal pain evaluations for rheumatology providers for children and youth (SUPER-KIDZ). *J Orthop Sports Phys Ther*, 47(10), 731-40.

MacLagan LC, Maxwell CJ, Gandhi S, Guan J, ... Bronskill SE (including [Jeffs L](#)). (2017). Frailty and potentially inappropriate medication use at nursing home transition. *J Am Geriatr Soc*, 65(10), 2205-12.

Mah K, Rodin RA, Chan VWS, [Stevens BJ](#), Zimmermann C, & Gagliese L. (2017). Health-care workers' judgments about pain in older palliative care patients with and without delirium. *Am J Hosp Palliat Care*, 34(10), 958-65.

[Mayo SJ](#), Kuruvilla J, Laister RC, Ayala AP, Alm M, ... Saligan L. (2018). Blood-based biomarkers of cancer-related cognitive impairment in non-central nervous system cancer: Protocol for a scoping review. *BMJ Open*, 8(7), e017578.

McCall EM, Alderdice F, Halliday HL, Vohra S, & [Johnston L](#). (2018). Interventions to prevent hypothermia at birth in preterm and/or low birth weight infants. *Cochrane Database Syst Rev*, 2, CD004210.



[McGillis Hall L](#), Lalonde M, Kashin J, Yoo C, & Moran J. (2018). Changing nurse licensing examinations: Media analysis and implications of the Canadian experience. *Int Nurs Rev*, 65(1), 13-23.

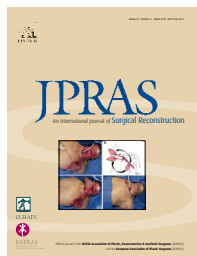


[McGilton KS](#), Sorin-Peters R, Rochon E, Boscart V, Fox M, ... Sidani S. (2018). The effects of an interprofessional patient-centered communication intervention for patients with communication disorders. *Appl Nurs Res*, 39, 189-94.

McGowan JE, Naranian T, & [Johnston L](#). (2017). Kangaroo care in the high-technology neonatal unit: Exploring evidence-based practice, policy recommendations and education priorities in Northern Ireland. *J Neonatal Nurs*, 23(4), 174-9.

McInerney NM, Narod S, [Metcalf K](#), Semple J, & Brown MH. (2017). Breast cancer genetics for plastic surgeons. *Plast Reconstr Surg*, 140(3), 455-60.

Mehmood S, [Dale C](#), [Parry M](#), Snead C, & Valiante TA. (2017). Predictive coding: A contemporary view on the burden of normality and forced normalization in individuals undergoing epilepsy surgery. *Epilepsy Behav*, 75, 110-3.



[Metcalf K](#), Zhong T, O'Neill AC, McCready D, Chan L, ... Hofer SOP. (2018). Development and testing of a decision aid for women considering delayed breast reconstruction. *J Plast Reconstr Aesthet Surg*, 71(3), 318-26.

Michaleff ZA, Kamper SJ, [Stinson JN](#), Hestbaek L, Williams CM, ... Dunn KM. (2017). Measuring musculoskeletal pain in infants, children, and adolescents. *J Orthop Sports Phys Ther*, 47(10), 712-30.

Molina-Mula J, [Peter E](#), Gallo-Estrada J, & Perelló-Campaner C. (2018). Instrumentalisation of the health system: An examination of the impact on nursing practice and patient autonomy. *Nurs Inq*, 25(7).

Moradian S, Voelker N, Brown C, Liu G, & [Howell D](#). (2018). Effectiveness of Internet-based interventions in managing chemotherapy-related symptoms in patients with cancer: A systematic literature review. *Support Care Cancer*, 26(2), 361-74.

Morgan EM, Riebschleger MP, Horonjeff J, Consolaro A, ... Bingham CO 3rd (including [Stinson J](#)). (2017). Evidence for updating the core domain set of outcome measures for juvenile idiopathic arthritis: Report from a special interest group at OMERACT 2016. *J Rheumatol*, 44(12), 1884-8.

Mukerji G, Halperin I, Hunter K, Segal P, Wolfs M, ... Goguen J (including [Jeffs L](#)). (2018). Developing a set of indicators to monitor quality in ambulatory diabetes care using a modified Delphi panel process. *Int J Qual Health Care*, 30(1), 65-74.



[Muntaner C](#), Davis O, McIsaac K, Kokkinen L, Shankardass K, & O'Campo P. (2017). Retrenched welfare regimes still lessen social class inequalities in health: A longitudinal analysis of the 2003-2010 EU-SILC in 23 European countries. *Int J Health Serv*, 47(3), 410-31.

Nelson KE, Feinstein JA, Gerhardt CA, Rosenberg AR, [Widger K](#), ... Feudtner C. (2018). Emerging methodologies in pediatric palliative care research: Six case studies. *Children (Basel)*, 5(3), E32.

[Nelson S](#), White CF, Hodges BD, & Tassone

M. (2017). Interprofessional team training at the prelicensure level: A review of the literature. *Acad Med*, 92(5), 709-16.

Ng E, Julià M, [Muntaner C](#), & O'Campo P. (2017). Family support policies and child outcomes: A realist-scoping review. *Community, Work and Family*, 20(3), 292-306.

Niven DJ, McCormick TJ, Straus SE, Hemmelgarn BR, [Jeffs L](#), ... Stelfox HT. (2018). Reproducibility of clinical research in critical care: A scoping review. *BMC Med*, 16(1), 26.

Oneka G, Vahid Shahidi F, [Muntaner C](#), Bayoumi AM, Mahabir DF, ... Shankardass K. (2017). A glossary of terms for understanding political aspects in the implementation of Health in All Policies (HiAP). *J Epidemiol Community Health*, 71(8), 835-8.

O'Rourke HM, Sidani S, Chu CH, Fox M, [McGilton KS](#), & Collins J. (2017). Pilot of a tailored dance intervention to support function in people with cognitive impairment residing in long-term care: A brief report. *Gerontol Geriatr Med*, 3.

Orr T, Campbell-Yeo M, Benoit B, Hewitt B, [Stinson J](#), & McGrath P. (2017). Smartphone and Internet preferences of parents: Information needs and desired involvement in infant care and pain management in the NICU. *Adv Neonatal Care*, 17(2), 131-8.

Padilha MI, dos Reis Bellaguarda ML, [Nelson S](#), Maia ARC, & Costa R. (2017). The use of sources in historical research [O uso das fontes na condução da pesquisa histórica] [El uso de las fuentes en la conducción de la investigación histórica]. *Texto e Contexto Enfermagem*, 26(4), 1-10.

Pandharipande PP, Ely EW, Arora RC, Balas MC, ... Smith HAB (including [Rose L](#)). (2017). The intensive care delirium research agenda: A multinational, interprofessional perspective. *Intensive Care Med*, 43(9), 1329-39.

[Parry M](#), Bjørnnes AK, Clarke H, Cooper L, ... [Watt-Watson J](#) (including [Stinson J](#)). (2017). Self-management of cardiac pain in women: An evidence map. *BMJ Open*, 7(11), e018549.

[Parry M](#), Danielson K, Brennenstuhl S, Drennan IR, & Morrison LJ. (2017). The association between diabetes status and survival following an out-of-hospital cardiac arrest: A retrospective cohort study. *Resuscitation*, 113, 21-6.

[Peter E](#). (2018). Overview and summary: Ethics in healthcare: Nurses respond. *Online J Issues Nurs*, 23(1).

[Peter E](#), & Friedland J. (2017). Recognizing risk and vulnerability in research ethics: Imagining the "What ifs?" *J Empir Res Hum Res Ethics*, 12(2), 107-16.



Poulos CJ, Bayer A, Beaupre L, Clare L, Poulos RG, ... **McGilton KS**. (2017). A comprehensive approach to reablement in dementia. *Alzheimers Dement*, 3(3), 450-8.

Prentice D, Boscart V, **McGilton KS**, & Escrig A. (2017). Factors influencing new RNs' supervisory performance in long-term care facilities. *Can J Aging*, 36(4), 463-71.

Price SL, **McGillis Hall L**, Murphy GT, & Pierce B. (2018). Evolving career choice narratives of new graduate nurses. *Nurse Educ Pract*, 28, 86-91.

**Puts MT**, Sattar S, McWatters K, Lee K, ... Alibhai SM (including **Tourangeau A**). (2017). Chemotherapy treatment decision-making experiences of older adults with cancer, their family members, oncologists and family physicians: A mixed methods study. *Support Care Cancer*, 25(3), 879-86.

**Puts MTE**, & Alibhai SMH. (2018). Fighting back against the dilution of the comprehensive geriatric assessment. *J Geriatr Oncol*, 9(1), 3-5.

**Puts MTE**, Hsu T, Szumacher E, Sattar S, Toubasi S, ... Alibhai SMH. (2017). Meeting the needs of the aging population: The Canadian Network on Aging and Cancer – report on the first network meeting, 27 April 2016. *Curr Oncol*, 24(2), e163-70.

**Puts MTE**, Sattar S, Fossat T, ... Alibhai SMH (including **Jeffs L**, **McGilton KS**). (2017). The Senior Toronto Oncology Panel (STOP) study: Research participation for older adults with cancer and caregivers. *J Natl Compr Canc Netw*, 15(10), 1208-15.



**Puts MTE**, Sattar S, Ghodraty-Jabloo V, Hsu T, Fitch M, ... Alibhai SMH. (2017). Patient engagement in research with older adults with cancer. *J Geriatr Oncol*, 8(6), 391-6.

**Puts MTE**, Sattar S, Kulik M, MacDonald ME, McWatters K, ... Alibhai SMH. (2018). A randomized Phase II trial of geriatric assessment and management for older cancer patients. *Support Care Cancer*, 26(1), 109-17.



**Puts MTE**, Toubasi S, Andrew MK, Ashe MC, Ploeg J, ... **McGilton K**. (2017). Interventions to prevent or reduce the level of frailty in community-dwelling older adults: A scoping review of the literature and international policies. *Age Ageing*, 46(3), 383-92.

Regan S, Wong C, Laschinger HK, Cummings G, ... Read E (including **Jeffs L**). (2017). Starting out: Qualitative perspectives of new graduate nurses and nurse leaders on transition to practice. *J Nurs Manag*, 25(4), 246-55.

Regehr C, **Nelson S**, & Hildyard A. (2017). Academic continuity planning in higher education. *J Bus Contin Emer Plan*, 11(1), 73-84.

Rennick JE, Dryden-Palmer K, **Stremmer R**, Chambers C, Campbell-Yeo M, ... Dougherty G. (2017). Children's psychological and behavioural responses following pediatric intensive care unit hospitalization: The caring intensively study. *Can J Crit Care Nursing*, 28(2), 45-6.

Rolin-Gilman C, Fournier B, & **Cleverley K**. (2017). Implementing best practice guidelines in pain assessment and management on a women's psychiatric inpatient unit: Exploring patients' perceptions. *Pain Manag Nurs*, 18(3), 170-8.

**Rose L**, Agar M, Burry LD, Campbell N, Clarke M, ... Del-CorS Group. (2017). Development of core outcome sets for effectiveness trials of interventions to prevent and/or treat delirium (Del-CORs): Study protocol. *BMJ Open*, 7(9), e016371.

**Rose L**, Istanbulian L, Allum L, Burry L, **Dale C**, ... PERFORM study investigators. (2017). Patient- and family-centered performance measures focused on actionable processes of care for persistent and chronic critical illness: Protocol for a systematic review. *Syst Rev*, 6(1), 84.

**Rose L**, Istanbulian L, Carriere L, Thomas A, Lee HB, ... Fraser I. (2018). Program of integrated care for patients with chronic obstructive pulmonary disease and multiple comorbidities (PIC COPD\*): A randomised controlled trial. *Eur Respir J*, 51(1), 1701567.

**Rose L**, McGinlay M, Amin R, Burns KE, Connolly B, ... Blackwood B. (2017). Variation in definition of prolonged mechanical ventilation. *Respir Care*, 62(10), 1324-32.

Rostad HM, **Puts MTE**, Cvancarova Småstuen M, Grov EK, Utne I, Halvorsrud L. (2017). Associations between pain and quality of life in severe dementia: A Norwegian cross-sectional study. *Dement Geriatr Cogn Dis Extra*, 7(1), 109-121. Erratum in *Dement Geriatr Cogn Dis Extra*. (2018). 7(3), 453.

Rostad HM, Utne I, Grov EK, **Puts M**, & Halvorsrud L. (2017). Measurement properties, feasibility and clinical utility of the Doloplus-2 pain scale in older adults with cognitive impairment: A systematic review. *BMC Geriatr*, 17(1), 257.

Roth A, Rapoport A, **Widger K**, & Friedman JN. (2017). General paediatric inpatient deaths over a 15-year period. *Paediatr Child Health*, 22(2), 80-3.

Ruskin D, Harris L, **Stinson J**, Kohut SA, Walker K, & McCarthy E. (2017). "I learned to let go of my pain." The effects of mindfulness meditation on adolescents with chronic pain: An analysis of participants' treatment experience. *Children (Basel)*, 4(12), 110.

Ruskin DA, Gagnon MM, Kohut SA, **Stinson JN**, & Walker KS. (2017). A mindfulness program adapted for adolescents with chronic pain: Feasibility, acceptability, and initial outcomes. *Clin J Pain*, 33(11), 1019-29.

Russell JA, Lee T, Singer J, Boyd JH, Walley KR, ... Vasopressin and septic shock trial (VASST) Group (including **Dale C**). (2017). The septic shock 3.0 definition and trials: A vasopressin and septic shock trial experience. *Crit Care Med*, 45(6), 940-8.

Saari M, Patterson E, Kelly S, & **Tourangeau AE**. (2018). The evolving role of the personal support worker in home care in Ontario, Canada. *Health Soc Care Community*, 26(2), 240-9.

Saari M, Patterson E, Killackey T, Raffaghelli J, Rowe A, & **Tourangeau AE**. (2017). Home-based care: Barriers and facilitators to expanded personal support worker roles in Ontario, Canada. *Home Health Care Serv Q*, 36(3-4), 127-44.

Santa Mina D, Au D, Brunet J, Jones J, Tomlinson G, ... **Howell D**. (2017). Effects of the community-based Wellspring Cancer Exercise Program on functional and psychosocial outcomes in cancer survivors. *Curr Oncol*, 24(5), 284-94.

Sattar S, Alibhai SMH, Fitch M, Krzyzanowska M, Leigh N, & **Puts MTE**. (2018). Chemotherapy and radiation treatment decision-making experiences of older adults with cancer: A qualitative study. *J Geriatr Oncol*, 9(1), 47-52.

Settipani CA, **Cleverley K**, Hawke LD, Rice M, & Henderson JL. (2017). Essential components of integrated care for youth with mental health and addiction needs: Protocol for a scoping review. *BMJ Open*, 7(4), e015454.

Shankardess K, **Muntaner C**, Kokkinen L, Shahidi FV, Freiler A, ... O'Campo P. (2018). The implementation of Health in All Policies initiatives: A systems framework for government action. *Health Res Policy Syst*, 16(1), 26.

Shariff A, Olson J, Salas AS, & **Cranley L**. (2017). Nurses' experiences of providing care to bereaved families who experience unexpected death in intensive care units: A narrative overview. *Can J Crit Care Nurs*, 28(1), 21-9.

Shorey S, Chee C, Chong YS, Ng ED, Lau Y, & **Dennis CL**. (2018). Evaluation of technology-based peer support intervention program for preventing postnatal depression: Protocol for a randomized controlled trial. *JMIR Res Protoc*, 7(3), e81.

Shorey S, Dennis CL, Bridge S, Chong YS, Holroyd E, & He HG. (2017). First-time fathers' postnatal experiences and support needs: A descriptive qualitative study. *J Adv Nurs*, 73(12), 2987-96.

Shorey S, Lau Y, Dennis CL, Chan YS, Tam WWS, & Chan YH. (2017). A randomized-controlled trial to examine the effectiveness of the 'Home-but not alone' mobile-health application educational programme on parental outcomes. *J Adv Nurs*, 73(9), 2103-17.

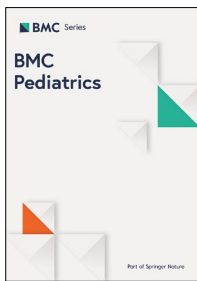
Sibbern T, Bull Sellevold V, Steindal SA, Dale C, Watt-Watson J, & Dihle A. (2017). Patients' experiences of enhanced recovery after surgery: A systematic review of qualitative studies. *J Clin Nurs*, 26(9-10), 1172-88.

Slater H, Briggs A, Stinson J, & Campbell JM. (2017). End user and implementer experiences of mHealth technologies for noncommunicable chronic disease management in young adults: A qualitative systematic review protocol. *JBI Database System Rev Implement Rep*, 15(8), 2047-54.

Slater H, Campbell JM, Stinson JN, Burley MM, & Briggs AM. (2017). End user and implementer experiences of mHealth technologies for noncommunicable chronic disease management in young adults: Systematic review. *J Med Internet Res*, 19(12), e406.

Smith RW, Kuluski K, Costa AP, Sinha SK, Glazier RH, ... Jeffs L. (2017). Investigating the effect of sociodemographic factors on 30-day hospital readmission among medical patients in Toronto, Canada: A prospective cohort study. *BMJ Open*, 7(12), e017956.

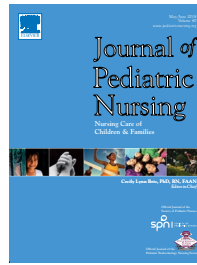
Souza ML, Lynn FA, Johnston L, Tavares EC, Brüggemann OM, & Botelho LJ. (2017). Fertility rates and perinatal outcomes of adolescent pregnancies: A retrospective population-based study [Taxa de fertilidade e desfecho perinatal em gravidez na adolescência: Estudo retrospectivo populacional]. *Rev Lat Am Enfermagem*, 25, e2876.



Stevens B, Yamada J, Campbell-Yeo M, Gibbins S, ... Riahi S (including Widger K). (2018). The minimally effective dose of sucrose for procedural pain relief in neonates: A randomized controlled trial. *BMC Pediatr*, 18(1), 85.

Stewart M, Kushner KE, Spitzer DL, Shizha E, ... Edey J (including Dennis CL). (2018). Supporting refugee parents of young children: "Knowing you're not alone." *Int J Migration Health Soc Care*, 14(1), 15-29.

Stock KJ, Hogan DB, Lapane K, Amuah JE, ... Maxwell CJ (including Jeffs L). (2017). Antipsychotic use and hospitalization among older assisted living residents: Does risk vary by frailty status? *Am J Geriatr Psychiatry*, 25(7), 779-90.



Stremle R, Haddad S, Pullenayegum E, & Parshuram C. (2017). Psychological outcomes in parents of critically ill hospitalized children. *J Pediatr Nurs*, 34, 36-43.

Tsimicalis A, Genest L, Stevens B, Ungar WJ, & Barr R. (2018). The impact of a childhood cancer diagnosis on the children and siblings' school attendance, performance, and activities: A qualitative descriptive study. *J Pediatr Oncol Nurs*, 35(2), 118-31.

Tume LN, Kneyber MC, Blackwood B, & Rose L. (2017). Mechanical ventilation, weaning practices, and decision making in European PICUs. *Pediatr Crit Care Med*, 18(4), e182-8.

Tutelman PR, Chambers CT, Stinson JN, Parker JA, Fernandez CV, ... Irwin K. (2018). Pain in children with cancer: Prevalence, characteristics, and parent management. *Clin J Pain*, 34(3), 198-206.

VanHeerwaarden N, Ferguson G, Abi-Jaoude A, Johnson A, ... Wiljer D. (including Cleverley K). (2018). The optimization of an eHealth solution (Thought Spot) with transition-aged youth in postsecondary settings: Participatory design research. *J Med Internet Res*, 20(3), e79.

Vigod SN, Bagadia AJ, Hussain-Shamsy N, Fung K, Sultana A, & Dennis CE. (2017). Postpartum mental health of immigrant mothers by region of origin, time since immigration, and refugee status: A population-based study. *Arch Womens Ment Health*, 20(3), 439-47.

Visekruna S, McGillis Hall L, Parry M, & Spalding K. (2017). Intersecting health policy and the social determinants of health in pediatric type 1 diabetes management and care. *J Pediatr Nurs*, 37, 62-9.

Wang J, Shen N, Zhang X, Shen M, Xie A, Howell D, & Yuan C. (2017). Care burden and its predictive factors in parents of newly diagnosed children with acute lymphoblastic leukemia in academic hospitals in China. *Support Care Cancer*, 25(12), 3703-13.

Wasilewski MB, Stinson JN, & Cameron JI. (2017). Web-based health interventions for family caregivers of elderly individuals: A scoping review. *Int J Med Inform*, 103, 109-38.



Widger K, Seow H, Rapoport A, Chalifoux M, & Tanuseputro P. (2017). Children's end-of-life health care use and cost. *Pediatrics*, 139(4), e20162956.

Widger K, Sutradhar R, Rapoport A, Vadeboncoeur C, Zelcer S, ... Gupta S. (2018). Predictors of specialized pediatric palliative care involvement and impact on patterns of end-of-life care in children with cancer. *J Clin Oncol*, 36(8), 801-7.

Widger K, Vadeboncoeur C, Zelcer S, Liu Y, Kassam A, ... Gupta S. (2017). The validity of using health administrative data to identify the involvement of specialized pediatric palliative care teams in children with cancer in Ontario, Canada. *J Palliat Med*, 20(11), 1210-6.

Wittich W, Höbner F, Jarry J, & McGilton KS. (2018). Recommendations for successful sensory screening in older adults with dementia in long-term care: A qualitative environmental scan of Canadian specialists. *BMJ Open*, 8(1), e019451.

Wong M, Saari M, Patterson E, Puts M, & Tourangeau AE. (2017). Occupational hazards for home care nurses across the rural-to-urban gradient in Ontario, Canada. *Health Soc Care Community*, 25(3), 1276-86.

Wong PD, Anderson LN, Dai DDW, Parkin PC, Maguire JL, ... TARGET Kids! Collaboration (including Dennis CL). (2018). The association of breastfeeding duration and early childhood cardiometabolic risk. *J Pediatr*, 192, 80-5.e1.

Zou P, Dennis CL, Lee R, & Parry M. (2017). Dietary approach to stop hypertension with sodium reduction for Chinese Canadians (DASHNa-CC): A pilot randomized controlled trial. *J Nutr Health Aging*, 21(10), 1225-32.

Zou P, Dennis CL, Lee R, & Parry M. (2017). Hypertension prevalence, health service utilization, and participant satisfaction: Findings from a pilot randomized controlled trial in aged Chinese Canadians. *Inquiry*, 54, 46958017724942.

Zupanec S, Jones H, McRae L, Papaconstantinou E, Weston J, & Stremle R. (2017). A sleep hygiene and relaxation intervention for children with acute lymphoblastic leukemia: A pilot randomized controlled trial. *Cancer Nurs*, 40(6), 488-96.



## Giving nurses the words



"The #1 issue for nurses today is moral distress," says Professor **Elizabeth Peter**. "They experience moral distress by not being able to achieve the ideals of nursing because of staffing constraints. They experience moral distress by participating in futile interventions at end of life. Ethics helps nurses open up an issue and look at it through a different lens, a process that can foster new ideas and approaches to care."

Dr. Peter has developed approaches in nursing ethics that have advanced the concepts of moral distress, moral identity, moral agency and moral competency. She shares her insights not only through journal articles and by teaching ethics at Bloomberg Nursing, she is also a sought-after speaker.

After a presentation, people have approached Peter to express their gratitude for the vocabulary she has given them. "They say, 'Oh, I didn't know there were words for that!' Ethics gives people a language to express what concerns them," says Peter. "Ethics helps nurses go from sensing an issue, to being able to articulate it and raise critical questions, to being a leader by choosing to act on the issue."

"Ideas are as powerful as facts," Peter says. "Ideas and values are what can initiate social change."

## Putting pain in its place



Professor (status-only) **Jennifer Stinson** has developed the PainSquad+ app to help cancer patients aged 12 to 18 manage their pain. "After using PainSquad+ for 28 days, the adolescents experienced significantly less pain, and pain interfered less with their daily activities," she says. The app is being translated into Persian for youth in Iran and into Cantonese and Mandarin for adolescents in China.

Much of the app's success stems from Stinson's decision to make it fun. She cast the patient in the role of a law-enforcement officer hunting down pain. Twice a day, police headquarters sends an alert to the teens' smartphones to tell them it's time for their pain-recording mission, which they fulfil by completing a

questionnaire on their pain intensity, duration, location and impact, and how pain-management strategies affected their pain. Then, based on the reports, the app gives each participant tailored pain-management advice.

More recently, Stinson developed iPeer2Peer to match adolescents with a chronic pain condition with a mentor, aged 18 to 25, with the same condition. "Every week, the mentor and mentee meet on Skype," explains Stinson.

"The mentors help the teens to validate their experience and advocate for themselves. Perhaps most importantly, iP2P gives the teens someone they can reach out to who understands what they're going through."

**BLOOMBERG  
RESEARCH  
MAKES A  
DIFFERENCE.**





**BLOOMBERG**

LAWRENCE S. BLOOMBERG  
FACULTY OF NURSING  
UNIVERSITY OF TORONTO

**LAWRENCE S. BLOOMBERG FACULTY OF NURSING**

University of Toronto

155 College Street, Suite 130 · Toronto, ON M5T 1P8

416.978.2392