

CCAPNR 5-Year Report 2011-2016

June 2016

CANADIAN CENTRE FOR

ADVANCED PRACTICE NURSING RESEARCH

fhs.mcmaster.ca/ccapnr

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Message from the Associate Dean and Director of the School of Nursing at McMaster University

The School of Nursing has a long tradition in providing leadership to support the development of advanced practice nursing roles through advocacy, education, and research. In the 1970's, Dorothy Kergin who was the Associate Dean at the time, lobbied actively to initiate the first primary health care nurse practitioner program in Ontario. In the 1990's, Alba DiCenso led research to support the introduction of the Neonatal Nurse Practitioner Program and the re-launch of the Primary Health Care Nurse Practitioner role in Ontario. Between 2001 and 2011, she expanded this work nationally through the CHRSF/CIHR Chair Program in Advanced Practice Nursing.

Since 2011, the Canadian Centre for Advanced Practice Nursing Research (CCAPNR) has continued and expanded on the APN Chair program to lead a research, education and knowledge translation enterprise with provincial, national and international impact. A major strength of CCAPNR's impact and reach is the commitment and collaboration amongst the faculty who represent five universities across three provinces. The breadth of CCAPNR's impact is impressive. CCAPNR initiatives extend across five continents and reach almost every province in Canada. Research has examined the introduction and impact of Clinical Nurse Specialist and Nurse Practitioner roles in primary health care, acute care, long-term care, and chronic health conditions such as diabetes and cancer. Through partnerships and relationships with health care decisionmakers and effective knowledge translation interventions, research findings have informed the development of policies and practices to support advanced practice nursing at organizational, provincial, national and international levels. CCAPNR has also created a host of evidence-based frameworks, tools and resources to promote and improve research in this field. Graduate students and post-doctoral fellows have benefited from innovative research training opportunities and faculty have contributed to the development of advanced practice nursing in Canada and other countries. Novel academic and clinical practice partnerships have been established to build capacity among advanced practice nurses to conduct point-of-care research. As leaders in their field, CCAPNR faculty are frequently sought out as keynote speakers at conferences and policy forums around the world and they have consistently demonstrated a high level of productivity in peer reviewed publications and presentations.

I congratulate CCAPNR and its faculty and staff on their accomplishments over the last five years and look forward to their future success in the years ahead!

Carolyn Byrne

Associate Dean and Director

School of Nursing, McMaster University





Message from the Canadian Nurses Association

For the past five years, the Canadian Centre for Advanced Practice Nursing Research (CCAPNR) has led research that optimizes the role of registered nurses (RNs) and advanced practice nurses in Canada and internationally. CCAPNR also supports RNs and advanced practice nurses to generate new evidence that has enhanced and benefited nursing practice and the health of Canadians.

The Canadian Nurses Association (CNA) believes that evidence informed decision-making is essential to optimize outcomes for patients, improve clinical practice, achieve cost-effective nursing care and ensure accountability and transparency in decision-making. Ongoing research by groups such as CCAPNR as investments in nursing are essential to build and test new solutions for nursing. CCAPNR research and the innovative ideas that it spawns support the health system and Canada's economic advantage by developing and evaluating new, more cost-effective approaches to health promotion and protection, health-care delivery and disease management.

CNA has collaborated and continues to work with CCAPNR on the development of research and policy in the area of primary health care, and integration of registered nurses, nurse practitioners and the clinical nurse specialist role in Canada. In 2011, CCAPNR led the first Canadian Clinical Nurse Specialist Practice Patterns Study. This study examined the practice patterns of CNSs in Canada. A clearer understanding of CNS roles in Canada, the number that exists, where they practice, and the barriers to and facilitators that influence their role development and implementation was explored. This evidence provided the Canadian nursing community with much needed information about CNSs in Canada. Such knowledge forms the foundation for work to effectively utilize the CNS role in the Canadian health care system, and facilitate communication about the CNS role with key stakeholders groups (e.g., employers, government, and policy makers) to better integrate the CNS role into interprofessional teams. In 2013, CNA and CCAPNR partnered to summarize the issues and policy options that inform CNA's future role and strategies for advancing a pan-Canadian primary care framework that optimizes the role of registered and advanced practice nurses in primary care interprofessional teams. Research, practice, education, and policy information and input from key stakeholders relevant to nursing roles in the delivery of primary care services from national, provincial and territorial perspectives was synthesized to provide policy guidance and actionable recommendations.

It is nursing research by CCAPNR that has identified and created evidence to improve public access to quality health care, and improved cost efficiency and function – attributes that are needed today more than ever, given changing demographics and the global economic climate. It is no surprise, then, that such research has created the environment and culture for expanding RNs and APN roles in Canada including: improving nursing practice and care delivery through integrated role activities related to education, research, organizational leadership, and scholarly and professional development.

CCAPNR excels in its focus to increase Canada's capacity of nurse researchers for the creation of a comprehensive, integrated, national applied nursing research programs that serve the needs of local, regional, provincial, national and international levels to address: Education and Mentoring, Research, and Linkage and Exchange. CNA is pleased to acknowledge CCAPNR on its fifth anniversary!

Anne Sutherland Boal, RN, BA, MHSA

Are Sutherd Book

Chief Executive Officer

Canadian Nurses Association

Introduction

The Canadian Centre for Advanced Practice Nursing (CCAPNR) is Canada's foremost research unit devoted to advancing the field of advanced practice nursing (APN) and specialized nursing roles and practice. Regarded as a leader in APN research, policy and knowledge transfer, CCAPNR has worked hard to distinguish itself nationally and internationally as a centre of excellence that conducts research and evaluation, provides mentorship to clinicians and junior researchers, and works collaboratively with organizations and decision makers to inform health policy.

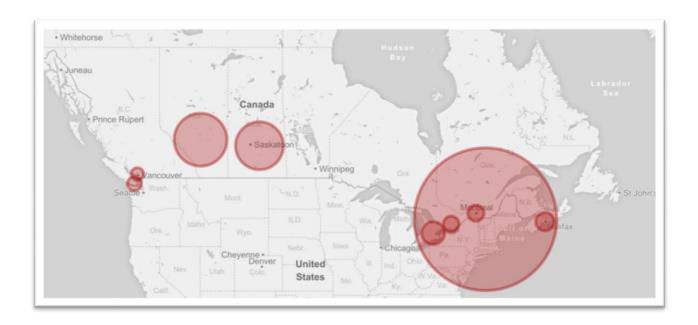
This report highlights the activities and accomplishments of CCAPNR from 2010 to June 2016. In this document we also reflect on what we have learned as an alliance and chart future directions for CCAPNR.

History

CCAPNR evolved from the Canadian Health Services Research Foundation/Canadian Institutes of Health Research (CHSRF/CIHR) Chair in Advanced Practice Nursing (APN) Program. The CHSRF/CIHR Chair program was a 10-year award co-sponsored by the CHSRF/CIHR and the Ontario Ministry of Health and Long-Term Care (2001-2011).

The Chair program's mandate was to increase Canada's capacity of nurse researchers who would conduct applied research related to APN that served the needs of the local, regional, provincial, national and international levels to address education and mentoring; research; linkage and exchange.





Who We Are

We are a group of multi-disciplinary researchers dedicated to creating new solutions for problems that challenge health and social services through the use of new models of care and evaluation. Our research team is based at McMaster University in Hamilton, Ontario and includes faculty from Dalhousie University, Ryerson University, Queen's University, Western University, and Université de Montréal.

CCAPNR works with a range of stakeholders and community partners including federal and provincial governments, health care organizations, and research units working both nationally and internationally. The above map identifies stakeholder and partnership reach in Canada over the last five years.

Our Vision

Through research and leadership, and in partnership with national and international stakeholders, we will improve health and health services by advancing the nursing care provided to society.

Our Mission and Values

To improve health and the delivery of accessible and sustainable evidence-informed nursing and healthcare services through research, education, mentorship and knowledge translation that strengthens the contribution of nursing and advanced nursing roles in Canada and beyond.

We value innovation, equity, person-centredness, interprofessional collaboration, generosity and integrity in all of our work.





The First 5 Years - Goals and Objectives

Goals

- •To provide a national forum to identify, discuss, consult and debate on important issues relevant to the education, development, and utilization of generalist, specialized and advanced nursing roles in Canada.
- •To conduct timely, responsive and meaningful interdisciplinary and cross-jurisdictional research that informs decision-making about the education, development and utilization of generalist, specialized and advanced nursing roles in Canada.
- •To lead a broad range of knowledge translation activities that support the design, conduct, dissemination and utilization of high quality research about nursing roles and models of care delivery in Canada.
- •To support the development of advanced nursing roles and related research through consultation with key stakeholders and the education and mentorship of undergraduate and graduate students, advanced practice nurses and junior researchers.

Objectives

- •To provide a national forum to identify, discuss, examine and debate important issues relevant to the integration of specialized and advanced nursing roles in Canada.
- •To improve patient health, quality of care and healthcare utilization and costs through research and knowledge translation activities that inform nursing practice and the effective use of specialized and advanced nursing roles in chronic disease management in collaboration with provincial, national and international stakeholders.
- •To promote faculty and staff development through education and external consultation and guidance for the development of new or ongoing research or other related initiatives.
- •To provide national stakeholders with consultation and guidance on the development of new or ongoing research or other nursing and APN related initiatives. To provide and maximize the use of staff and practical resources to support the conduct of research and knowledge translation activities.
- •To provide opportunities to promote stakeholder understanding of the effective development and use of specialized and advanced nursing roles nursing roles through education and other knowledge translation activities.
- •To provide a forum for manuscript review and development and the submission of abstracts for peer reviewed presentations.
- •To promote team collaboration, cooperation, and support for joint research.

CCAPNR Members Denise Bryant-Lukosius

Focus: Improving access and quality of care and health outcomes for underserved populations through the optimal implementation and evaluation of specialized and advanced nursing roles.

Impact: As co-Director, Dr. Bryant-Lukosius has led the expansion of CCAPNR and its work related to the national and international development of advanced nursing practice. Through research, she has developed evidenced-based tools that are used around the world to improve APN role implementation and evaluation. As Director

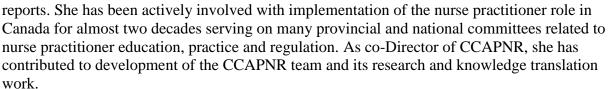


for the Canadian Centre for Excellence in Oncology Advanced Practice Nursing (OAPN) at the Juravinski Hospital and Cancer Centre, she has conducted research to improve the delivery of cancer symptom management and survivorship care and led provincial and national APN mentorship and education initiatives to build research capacity and support role development.

Ruth Martin-Misener

Focus: Evaluation of the implementation and outcomes of innovative models of team-based care with a particular focus on advanced and specialized nursing roles in primary health care and long-term care.

Impact: Dr. Martin-Misener is an experienced nurse practitioner researcher and educator with a focus on improving the accessibility and quality of primary health care. She has published or in-press 75 articles in peer-reviewed journals as well as numerous technical



Nancy Carter

Focus: Systems navigation, knowledge translation and exchange, and nursing leadership.

Impact: Dr. Nancy Carter holds expertise in knowledge translation and has a focus is on the dissemination and uptake of evidence on clinical nurse specialists and nurse practitioners by administrators and decision makers, as well as the development of new nursing roles in oncology and community settings. Her experience working with diverse stakeholders are a valuable asset to the CAPPNR team's knowledge translation objectives.



Faith Donald

Focus: Nurse practitioners in primary and long-term care, nurse practitioner graduate education, economic analysis of APN roles, and evidence-based practice

Impact: Dr. Faith Donald brings extensive experience with curriculum design and evaluation to the CCAPNR team. Dr. Donald continues to practice as a primary health care nurse practitioner and has a background that stretches across acute, long-term and primary health care settings.



Patti Harbman

Focus: Academic practice partnerships

Impact: Dr Patti Harbman is a vital academic link in delivering graduate research courses to point-of-care advanced practice nurses at Trillium Health Partners hospital network in the Greater Toronto Area. Her background includes working as a nurse practitioner in diverse settings; managing patients with heart conditions in acute and ambulatory care, as well as working in emergency, and walk-in clinics.



Kelley Kilpatrick

Focus: Policy affecting nurse practitioners in long-term care, clinical nurse specialist roles, intra- and interprofessional/teamwork

Impact: Dr. Kelley Kilpatrick's research involves nurse practitioner and clinical nurse specialist roles, boundary work activities, perceptions of team effectiveness, acute and primary care, and the effects of healthcare service delivery on patients and families. Dr. Kilpatrick applies a dynamic set of research methodologies in her work; using mixed methods, case study, surveys, systematic reviews, and qualitative description to answer her research questions.



Diana Sherifali

Focus: Diabetes coaching and advanced practice roles

Impact: Dr. Diana Sherifali research interests include the evaluation of strategies to facilitate diabetes self-care and its consequences for patients, providers and policy makers. She is recognized nationally and internationally for her extensive clinical experience and research.



Joan Tranmer

Focus: Health services research, process and outcome measurement using administrative data, chronic disease prevention and management.

Impact: Dr. Joan Tranmer builds upon her substantive clinical leadership and research experience and work with interdisciplinary teams to conduct research that focuses on systematic examination of patient, caregiver and system outcomes for persons living with chronic conditions.



Ruta Valaitis

Focus: Navigation, public health, primary health care, collaboration, and health systems integration

Impact: Dr. Ruta Valaitis' research contributions straddle a variety of content areas essential to contemporary approaches in the public health and primary health care sphere (policy research, interprofessional collaboration, implementation science, community-based care, and e-health). Dr. Valaitis' experience in implementing public health policy in British Columbia and Ontario exemplify her experience in managing large interprovincial, inter-disciplinary teams, measuring impacts, and integrating knowledge exchange processes within the health care policy sector.



Research Trainees

Linda Brousseau

- Nurse Practitioner, Halton Public Health. 2015 2015
- PHD student, 2016 -2020

Diane Campbell

• Assistant Professor, College of Nursing, University of Saskatchewan, 2013

Kristia Jokiniema

• Postdoctoral Fellow, University of Eastern Finland, 2015-2017

Jennifer Rayner

- Adjunct Faculty, Health Sciences and Family Medicine, Western University
- Postdoctoral Fellow, Ryerson University, 2014 2016

Lindsay Yuille

• MSc Graduate Nursing Student, McMaster University, 2014

Accomplishments

This section outlines the following accomplishments of CCAPNR.

- Funded research and contracts
- Contracted research capacity building initiatives
- Publications and other knowledge transfer activities
- International and national collaboration and impact
- Contributions to graduate education about APN (beyond expected teaching roles)
- Awards and recognitions

Funded Research and Contracts

CCAPNR has seen steady grant and contract capture, commissioned projects and increased diversification in funding sources over time. Over the past five years CCAPNR members were awarded 27 peer-reviewed funded research grants totalling \$4,787,265.11. During that same time, CCAPNR members were awarded 10 commissioned or contracted research or policy-focussed projects and research capacity building initiatives. The full amount of dollars supporting CCAPNR projects during these five years, from all sources, was \$5,303,983.70. See Appendix A for a complete list of funded projects. While this report focuses on the past five years, we have included some projects funded before 2010 but with continuing work extending into the ensuing years. An example of this is the systematic review of the cost-effectiveness of NPs and CNSs, which resulted in seven peer reviewed publications and several presentations.

Contracted Research Capacity Building Initiatives

Trillium (2014, 2016-2019)

The Trillium project involves an academic-practice partnership created between healthcare administrators and advanced practice nurses at Trillium Health Partners and researchers at the Canadian Centre for Advanced Practice Nursing Research (CCAPNR) at McMaster University. The purpose of this partnership is to provide an innovative approach to educate and mentor health care professionals in leading and conducting point-of-care research, quality improvement (QI) or evidence-informed decision making (EIDM) projects. The project includes face-to-face classes, and one to one mentorship of advanced practice nurses who develop a research, QI, or EIDM proposal and present it to their peers and employers.



Course materials were prepared for students to support self-directed learning. Students could access course resources digitally via a hospital library website (set-up in collaboration with Trillium Health Partners librarians), or in physical formats on-site.



Students participate in small group activities during a teaching session.



"Great course; enjoyed class discussion and appreciate the opportunity to present. Provides opportunity to practice for real-life scenarios and develop confidence in doing/applying research into practice."

- Research Course Participant

Alberta Rose (2015-2016)

The Alberta Rose project involves an academic-practice partnership created between healthcare administrators and advanced practice nurses at Alberta Health Services and researchers at CCAPNR at McMaster University. The aim of the Alberta Rose project is to enhance Alberta Health Services (AHS) oncology APNs' knowledge, skills and confidence in the design, implementation and/or evaluation of a QI, EIDM or research project to improve patient, provider and/or system outcomes relevant to their clinical practice. The project includes face-to-face and distance classes, and one to one mentorship of advanced practice nurses who develop a research, QI, or EIDM proposal and present it to their peers and employers.



Alberta Rose project participants and course facilitators.

"[The course] has given me the confidence to take the 1st step in performing research. I feel fortunate for having the CCAPNR team guide me through this journey, and keep me motivated!!!!"

- Research Course Participant

Publications and Other Research Transfer Activities

The research transfer activities highlighted in this section include: peer reviewed publications; non-peer reviewed publications and reports; peer reviewed presentations; invited keynote presentations; and knowledge translation (KT) tools. As Table 1 shows, the number of annual publications and presentations are increasing over time and the number of KT tools is steady. CCAPNR members are publishing in high impact journals that reach diverse audiences and presenting at peer-reviewed conferences and as invited presenters at national and international venues. Many of the articles published by CCAPNR members consistently are among the top ten downloaded articles by publishers such as Longwoods and citation platforms such as *academia.edu*. See Appendix B for a complete list of items in each research transfer activity.

Table 1. Summary of Research Transfer Activities, 2010 - June 2016

	Research Transfer Activities								
Activity	2010	2011	2012	2013	2014	2015	2016 June	Total	
Peer Reviewed Publications	20	4	4	13	12	24	22	100	
Non-Peer Reviewed Publications/Reports	2	3	2	6	8	5	1	28	
Peer Reviewed Presentations	16	20	19	8	16	12	8	99	
Invited Presentations	5	13	7	4	16	11	13	69	
KT Tools	-	2	7	1	2	2	1	15	
Total	43	42	39	32	54	54	45	311	



International and National Collaboration and Impact

Over the past five years, CCAPNR's research and evaluation and knowledge transfer activities and products have made a substantial contribution to APN role introduction, implementation and sustainability. CCAPNR has completed or is currently involved in policy, practice, education and research initiatives with organizations at the national level and at least seven Canadian provinces. Internationally, our team has provided consultation, education and leadership to international organizations and in at least eight countries. CCAPNR's knowledge translation tools and research evidence are being used around the world. Specific initiatives and contributions are outlined in the following pages (19 - 22).



National Collaboration

2010

Bryant-Lukosius, D.

Co-Chair: Ontario Oncology APN Community of Practice, Cancer Care Ontario.

Martin-Misener, R.

Member: Nurse Practitioner Competencies and Standards Working Group, College of Registered Nurses of Nova Scotia.

Led to revised standards and competencies for NPs in NS, available at:

http://crnns.ca/wp-content/uploads/2015/02/NS_NP_Competency_Framework.pdf

2011-2012

Bryant-Lukosius, D.

Vice Chair: Models of Care Initiative – Prediction and Planning Committee Working Group, Cancer Care Ontario.

Martin-Misener, R. Donald, F., et al.

Co-Chair, Member:

NP Education Task Force, Canadian Association of Schools of Nursing. Led to the development of *Nurse Practitioner Education in Canada- National Framework of Guiding Principles and Essential Components*, available at: http://casn.ca/wp-content/uploads/2014/12/FINALNPFrameworkEN20130131.pdf

2012

Martin-Misener. R.

Member: Joint Controlled Drugs and Substances Advisory Committee, College of Registered Nurses of Nova Scotia. Led to standards, policies and education for NPs in NS. http://crnns.ca/practice-standards/standards-of-practice/

Martin-Misener, R.

Member: Jurisprudence Stakeholder Group, College of Registered Nurses of Nova Scotia. Led to the development of jurisprudence examinations for RNs and NPs. http://crnns.ca/registration/licensing-exams/jurisprudence-exams//

2013-2016

Martin-Misener, R.

Elected Chair: NP Educator Interest Group, Canadian Association of School of Nursing. Led to development of task forces related to NP education, NP controlled drugs and substances prescribing and a survey of NP programs regarding student preceptorship.

2014

Bryant-Lukosius, D.

Nominated Member: Clinical Nurse Specialist Competencies Steering Committee, Canadian Nurses Association.

Bryant-Lukosius, D.

Member: Canadian Association of Schools of Nursing (CASN) Master's Education Committee on Advanced Practice Position Statement

Bryant-Lukosius, D.

Consultant and workshop leader: Implementation and Evaluation of Nurse Practitioners in Cancer Care.

British Columbia Cancer Agency, Victoria, B.C.

2014-2015

Donald, F., Kilpatrick, K., Martin-Misener, R. et al.

Members: Nurse Practitioner Practice Analysis Research Advisory Committee, Council of Registered Nurse Regulators.

Resulted in a national practice analysis of NPs.

http://www.ccrnr.ca/nurse-practitioners.html

2014-2016

Bryant-Lukosius, D

Member: Patient Reported Outcomes Advisory Committee, Cancer Care Ontario.

2015

Bryant-Lukosius, D.

Consultant and workshop leader: *Implementation and Evaluation of Nurse Practitioners in Cancer* Care.

British Columbia Cancer Agency, Vancouver, B.C.

Martin-Misener, R.

Member: Controlled Drugs and Substances Prescribing Evaluation Working Group, College of Registered Nurses of Nova Scotia. Led to *development of an evaluation plan*.

2015-2017

Martin-Misener, R.

Co-Chair: Advisory Committee for Development and Mobilization of Appropriate Prescriber Practice Competencies for Controlled Drugs and Substances into Nurse Practitioner and Registered Nurse Educations, Canadian Association of Schools of Nursing. Led to development of *Nurse Practitioner Education Competencies for Prescribing Controlled Drugs and Substances*.

http://www.casn.ca/education/np-prescribing-of-controlled-drugs-and-substances/ and an e-resource program for NP education programs

International Collaboration

2011

Bryant-Lukosius, D.

Consultant: Needs assessment to develop oncology nursing roles, graduate oncology nursing education and research.

University of Calgary, Doha, Qatar.

Bryant-Lukosius, D. & DiCenso, A.

Faculty: Promoting research and evidence based practice amongst advanced practice nursing students, graduates and faculty.

College of Medicine and Nursing, Hungkuang University, Taiwan.

2012

Bryant-Lukosius, D.

Consultant: Site visit with meetings with senior health care administrators, advanced practice nursing faculty and researchers at the Institute of Nursing Science, University of Basel and University Hospital. Basel, Switzerland.

2013

CCAPNR.

Host: One day meeting with International Council of Nurses, President, Dr. Judith Shamian.

Participated in multiple follow-up information requests and teleconferences to provide summaries of CCAPNR and other research evidence and guidance for ICN policies and initiatives related to the international development of APN roles.

Bryant-Lukosius, D.

Project Lead: Development of an evidence based framework for evaluating the introduction of advanced practice nursing role in Switzerland. University of Basel, Switzerland.

2014

Bryant-Lukosius, D.

Participant and presenter: Global Advanced Practice Nursing Learning Invitation-Only Symposium.

Robert Wood Johnson Foundation and the National Nursing Centers Consortium Philadelphia, Pennsylvania, USA. July 28-29, 2014.

2015

Baumann, A., Valaitis, R., Bryant-Lukosius, D., Martin-Misener, R., Carter, N., & Donald, F. **Presenters and group leaders:** Pan-American Health Organization. Universal Access to Health and Universal Access to Health Coverage: Advanced Practice Nursing Summit. 2-Day Workshop.

Hosted by Global Health Program, WHO Collaborating Centre, School of Nursing and Canadian Centre for APN Research, McMaster University. April 14-17, Hamilton.

Bryant-Lukosius, D., Donald, F., Martin-Misener, R., & Carter, N.

Co-Leads: Comparative analysis of education curricula and nurse practitioner competencies in five OECD countries. Collaborators: Dr. E. Johansen, Professor and O. Egilsdottir, Professor, Department of Nursing Science, Buskerud & Vestfold University, Drammen, Norway; Dr. P.F. Roodbol, Professor, University Medical Center Groningen, The Netherlands; Dr. Glen Gardner, Professor and Margaret Adams, Doctoral Student, Queensland University of Technology, Brisbane Australia; and Dr. J. Honig, Professor, School of Nursing, Columbia University, New York, United States.

Valaitis, R., Bryant-Lukosius, D., Donald, F., Martin-Misener, R., & Sherifali, D.

Members: Pan American Health Organization of the World Health Organization - Advanced Practice Nursing Implementation.

Webinar Series Taskforce.

2016

Bryant-Lukosius, D.

Consultant: provided consultation on APN implementation and led development of an evaluation framework in Switzerland.

Resulted in published article:

Spichiger, E., Martin, J., Stoll, H., Degen Kellerhals, S. Fliedner, M., Grossman, F., Henry, M., Herrman, L., Koller, A., Schwendimann, R., Ulrich, A., Weibel, L., Callens, B., De Geest, S. (2016). Framework for evaluating the impact of advanced practice nursing roles. *Journal of Nursing Scholarship*, 48(2), 201-209.

Bryant-Lukosius, D., Donald, F. & Martin-Misener, R.

Invited Presenter or Moderator: Developing Advanced Practice Nursing Competencies in Latin America to Contribute to Universal Health, PAHO Summit. University of Michigan, Ann Arbor, MI USA

Bryant-Lukosius, D.

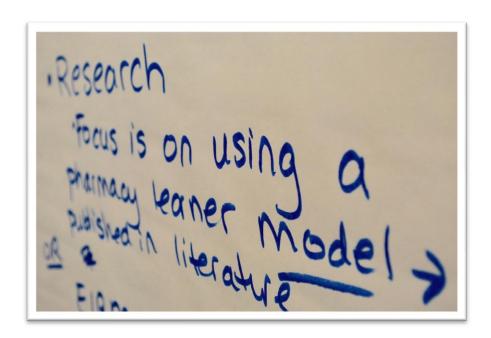
Invited Workshop Participant and Research Expert: Towards a More Efficient Use of Health Human Resources: What Lessons Can We Learn From Innovations Across OECD Countries. Organization for Economic Co-operation and Development. Paris, France.



Carolyn Byrne, Andrea Baumann, Denise Bryant Lukosius, Silvia Cassiani, Ruta Valaitis, and Annette Mwansa Nkowane at McMaster University for the Pan-American Health Organization's *Universal Access to Health and Universal Access to Health Coverage: Advanced Practice Nursing Summit.*

Contributions to Graduate Education about APN (beyond expected teaching roles)

CCAPNR members have made contributions to APN graduate education that go beyond their expected teaching roles. Called upon by academic and practice colleagues for their expertise in APN, CCAPNR members engage in these activities to disseminate information about APN. These contributions, summarized in Appendix C, typically involve presentations to graduate students in nursing and other disciplines a variety of venues in Canada and abroad.





Awards and Recognitions

2011

 Martin-Misener, R. Centennial Award of Distinction. College of Registered Nurses of Nova Scotia

2013

- Bryant-Lukosius, D., Israr, S., & DiCenso, A. (2013). Resources to facilitate APN outcome research. Chapter in R. Kleinpell (ed.). Outcome Assessment in Advanced Practice Nursing, (3rd ed.). New York: Springer Publishing Company. Book received the American Journal of Nursing Best Books of the Year in the category of APN for 2013
- Martin-Misener, R. 65 Inspiring Minds Award. Dalhousie University School of Nursing

2015

- Bryant-Lukosius, D. Canadian Association of Nurses in Oncology Lifetime Achievement Award
- Donald, F. Excellence in Teaching Award.
 Council of Ontario University Programs in Nursing, Ontario Primary Health Care Nurse Practitioner Program (9-university consortium)





2016

- Bryant-Lukosius, D. *Clinical Lectureship Award*, Canadian Association of Nurses in Oncology
- Donald, F. Distinguished Alumnus Award, the highest honor presented by the State University of New York, Jamestown Community College Alumni Association Board of Directors
- Martin-Misener, R. Decade Club Award. Nova Scotia Health Research Foundation
- Sherifali, D. *Regional Outstanding Healthcare Professional Award.* Canadian Diabetes Association

Conclusion

What We've Learned from Our Alliance

CCAPNR has evolved to become known as a leader in: APN research and evaluation; education and policy; and linkage and exchange, both nationally and internationally. Core CCAPNR members have worked closely together since 2001 with new members joining the team over the subsequent 15 years. Together we have amassed an impressive breadth and depth of knowledge regarding the implementation and evaluation of advanced practice and specialized nursing roles. Our research has spanned diverse patient populations experiencing chronic and acute health and social conditions, in a range of health care environments.

Establishing a research enterprise like CCAPNR has enabled us to build capacity to do high quality research and policy development work in a constrained funding environment that does not prioritize health services and workforce research. Despite challenging economic times for research and health care in general, we have demonstrated that we are a financially viable research enterprise. By working together we have been able to garner the capacity to lead timely initiatives that respond to contemporary policy levers for evaluations related to skill mix, economic evaluation, and models of interprofessional team-based care to promote health and address chronic illness prevention and management. Evidence of our success is seen in our impact on education and policy, our ability to obtain funding, and the outputs of our work, which include: 100 publications in high impact peer reviewed journals; 168 peer reviewed and invited presentations; and evidence-informed tools to implement and evaluate APN roles that are being used around the world. These accomplishments are made even more impressive when one considers that CCAPNR faculty member also have their own separate programs of research.

Our collaboration as a research group is evolving. We continue to learn from each other and have developed a greater comfort level in seeking peer review and support. Our journey, like all journeys, is both challenging and rewarding.

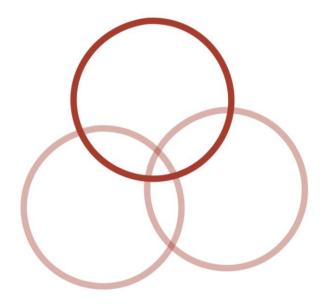
Future Directions for CCAPNR

For some time CCAPNR has identified the need to expand its membership to include researchers from other provinces/territories and provide more training opportunities for graduate students and junior researchers. At the same time, we know that establishing the infrastructure to expand CCAPNR is an objective that we must prioritize to protect the sustainability of the Centre and the quality of the work that it carries out. To enable us to move forward with expansion, we have developed CCAPNR membership criteria and a process to formalize an Advisory Council that will include decision makers, clinicians and citizens.

Looking towards the future, CCAPNR will continue to expand our international reach while maintaining the strength of involvement and influence we have in producing and translating evidence related to APN and specialized nursing in Canada. More than ever, the health needs of people world-wide require optimization of APN roles and a specialized nursing workforce.



APPENDIX A



Peer-Reviewed Funded Research Details

Awarded pre-2010 with work continuing into ensuing years:

Bryant-Lukosius, D. (PI) *The Ontario Oncology APN Interprofessional e-Mentorship Program – expansion to all oncology nursing roles in Ontario*. Ontario Ministry of Health and Long-Term Care & de Souza Institute. 2008-2013. (\$1,573,295)

Bryant-Lukosius, D. (PI) & Evans, W., Snider, A., Wiernikowski, J., Levine, M., Green, E., & Tompkins, C. *Canadian Centre of Excellence in Oncology Advanced Practice Nursing Research and Education*. AMGEN Canada Inc. 2008-2011. (\$500,000)

Donald, F. (PI), DiCenso, A. (co-PI), Marshall, D.A., Bryant-Lukosius, D., Martin-Misener, R., Carter, N., Kaasalainen, S., Baxter, P., Kilpatrick, K., Lloyd, M., Charbonneau-Smith, R., Harbman, P., Hubley, P., Laflamme, C., Donald, E., Sangster-Gormley, E., Boyko, J., Campbell Yeo, M., Price, S., Wickson-Griffiths, A., & Yost, J. *A systematic review of the cost-effectiveness of nurse practitioners and clinical nurse specialists*. Ministry of Health & Long-Term Care, Nursing Research Fund, Ministry Grant # 06514. September 1, 2010 to March 31, 2012. (\$79,350).

Donald, F.C., (PI) & Martin-Misener, R. (Co-PI), Bryant-Lukosius, D., DiCenso, A., Ploeg, J., Brazil, K., Kaasalainen, S., Carter, N.M., Schindel-Martin, L., Stolee, P., McAiney, C.A., Dobbins, M., Taniguchi, A., & Akhtar-Danesh, N. *Understanding the individual, organizational, and system factors influencing the integration of the nurse practitioner role in long term care settings in Canada*. CIHR Partnerships for Health System Improvement, NSHRF and the British Columbia Ministry of Health, Nursing Secretariat. 2007-2012. (\$325,000).

Kassalainen, S. (PI), DiCenso, A., Donald, F., Brazil, K., Martin-Misener, R., Dolovich, L., Hadjistavropoulos, T., Akhtar-Denesh, N., & Marshall, D.A. *Evaluation of a nurse practitioner-led pain management interprofessional team in long-term care*. Ontario Ministry of Health and Long-Term Care, Nursing Research Fund. June 1, 2009-May 31, 2012. (\$205,978).

Martin-Misener, R. (PI), & Downe-Wamboldt. B. (Co-PI), DiCenso, A., Donald, F., Guyatt, G., Marshall, D., Murphy, A., & Sketris, I. *The effect of nurse practitioner services on morbidity, quality of care and cost effectiveness in a nursing home*. Nova Scotia Department of Health 2007-2010 (extended to 2012). (\$146,449).

2010

Baxter, P. (PI), Donald, F. (co-PI), Opsteen, J., Mohide, A., Laflamme, C., McCrady, W, Swart, B., & Sullivan-Bentz, M. *A development assessment of Ontario primary health care nurse practitioner (PHCNP) faculty and preceptors.* Council of Ontario Universities Programs in Nursing. September 1, 2010 to August 31, 2011. (\$75,000).

DiCenso, A. (PI), Bourgeault, I., Bryant-Lukosius, D., Carter, N., Donald, F., Kaasalainen, S., Martin-Misener, R., & Harbman, P. (collaborator). *Dissemination of a decision support synthesis*. Canadian Institutes of Health Research, Knowledge Translation Branch; Meetings, Planning and Dissemination Grant. May 1, 2010 to April 30, 2011. (\$40,000).

Kilpatrick, K. (PI), DiCenso, A., Ritchie, J.A., Bryant-Lukosius, D., R. Martin-Misener, R., & Carter, N. *The practice patterns of clinical nurse specialists in Canada*. Office of Nursing Policy in Health Canada. October 22nd 2010 to March 25th 2011(\$9,975) and the Canadian Nurses Association, October 15th 2010 to December 2010. (\$9,600).

Martin-Misener, R. (PI), Crawford T. (Co-PI), Downe-Wamboldt B., Murphy A., DiCenso A., Donald F., Buchholz K., Hirsch G., Lamarche K., Rankin E., Chisholm J., Prendergast P., Baxter P., & Burge, F. *Models of collaborative practice in primary health care involving nurse practitioners and family physicians*. Nova Scotia Health Research Foundation (\$113,074.46) and Nursing Care Partnership Fund. July 1, 2010 to June 30, 2013. (extended to 2014) (\$32,086.04).

Sherifali, D., Chagnon, C., Fusek, B., Harper, W., & Cybulsky, I. A pilot study to assess the effect of an interprofessional inpatient clinical pathway for the management of post-operative cardiac surgery patients with diabetes: The CARD clinical pathway. Hamilton Health Sciences, 2010-2011. (\$4,200.00)

Sherifali, D., Brisson-Shea, N., MacLeod, J., & Mullan, Y. Navigating diabetes wellness: Exploring the experiences of Aboriginals living with or at risk for diabetes in an urban setting. Ministry of Health and Long-Term Care, 2010-2011. (\$7,514.00)

2011

Baxter, P. (PI), Donald, F. (co-PI), Sangster-Gormley, E., Charbonneau-Smith, R., Laflamme, C., McCrady, W., Mohide, A., & Swart, B. Collaborator: Opsteen, J. *Priorities and strategies for primary health care nurse practitioner education in Ontario*. CIHR Meetings, Planning, and Dissemination Grant: Knowledge Translation. Winter 2011. (\$25,000).

Bryant-Lukosius, D. (PI), Martin-Misener, R. (Co-PI), Price, D. (Co-PI). Baxter, P., Brouwers, M., Carter, N., Cooke, L., Czukar, D., DiCenso, A., Doering, P., Farrelly, L., Faulds, C., George, J., Green, E., Moore, A., Rand, C., Snider, A., Sussman, J., Valaitis, R., & Wooder, S. *Innovation in cancer survivorship and community-based primary health care*. Ontario Health Human Resource Network (OHHRN). October 25, 2011-March 31, 2012. (\$15,000).

Bryant-Lukosius, D. (PI), Baxter, P., Brouwers, M., Burge, F., Carter, N., Corner, J., DiCenso, A., Donald, F., Faulds, C., Green, E., Martin-Misener, R. Moore, A., Price, D., Sussman, J., & Watson et al. *Innovation in cancer survivorship and community-based primary healthcare*. Canadian Institutes of Health Research. October 1, 2011 to September 30, 2012. (\$25,000).

Donald, F. (PI), Marshall, D., Martin-Misener, R., Carter, N., DiCenso, A., & Bryant-Lukosius, D. *Developing an economic framework for evaluating the cost effectiveness of advanced practice nursing roles*. Canadian Institutes of Health Research. June 2011 to March 2012. (\$24,015).

Yakubovich, N. (PI), Gerstein, H., Punthakee, Z. (Co-PI), & Sherifali, D. (Co-PI). *Remission evaluation of metabolic interventions in Type 2 diabetes (REMIT): A randomized controlled pilot trial.* Canadian Diabetes Association, 2011-2014. (\$242,740).

2013

Abdul-Razzak, A., You, J., Simmon, J., Sherifali, D. (Co-PI), & Brazil, K. (Co-PI). *Physician behaviours that affect the quality of end of life communication. CIHR*, Excellence Team Funding, Tech Value Net. April 2013 - April 2014. (\$64,378).

Bryant-Lukosius, D. *Leadership and innovation in oncology advanced practice nursing: Providing effective self-management support in new models of post-treatment follow-up and cancer survivorship care.* Lewis and Ruth Sherman Foundation. October 1, 2013 to September 30, 2016. (\$330,000)

Bryant-Lukosius, D. (PI), Cummings, G. (Co-PI), Farrelly, L., Fitch, M., Forbes, M., Green, E., Greenberg, A., Mani, D., Martelli-Reid, L., Miller, P., Molloy, S., Pond, G., Seow, H., Smith, A., Snider, A., Watson, L., & Wiernikowski, J. *Improving cancer pain and symptom management through knowledge translation*. Canadian Cancer Society Research Institute (CCSRI). August 1, 2013 to July 31, 2015. (\$100,000)

Carter, N. (PI), Valaitis, R., Lam, A., Feather, J., & Nicholl, J. *Local survey of navigation services in Hamilton*, City of Hamilton, Research - New Project. April 1, 2013 to December 31, 2014. (\$9,500.00).

Carter, N. (PI), Valaitis, R., (Co-PI), Nicholl, J., & Feather, J., *Evaluation of a community nurse navigator in a priority Hamilton neighbourhood*, Hamilton Community Foundation (HF), Hamilton Family Health Team, City of Hamilton, Research - New Project. April 1, 2013 to March 31, 2015. (\$33,670.00).

Sherifali, D. (PI), Brennan, B., & Oskamp, M. *Assessing the determinants of pregestational diabetes control: A prospective cohort.* Health Professional Investigator Grant. Hamilton Health Sciences. October 2013-September 2015. (\$19,962)

Sherifali, D. (PI), Meneilly, G. (Co-PI), Clement, M., Grenier, A., Gerstein, H., Hall, P., Heckman, G., & Yu, C. *Diabetes management and education in older adults: The development of a national network and consensus of key clinical and research priorities.* Canadian Institutes of Health Research. June 2013 - June 2014. (\$24,990).

2014

Carter, N. (PI), Bryant-Lukosius, D., Donald, F., Israr, S., Kilpatrick, K., Martin-Misener, R., & McKinlay, J., *Indicators for evaluating the quality of nurse practitioner services in primary health care: A discussion paper*. Canadian Nurses Association. November 11, 2014 to December 19, 2014. (\$20,000).

Donald, F. (PI), Martin-Misener, R. (Co-PI)., Kilpatrick, K., Bryant-Lukosius, D., Bourgeault, I., Carter, N., Akhtar-Danesh, N., & Glazier, R. *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare (PHC) settings*. Ontario Ministry of Health and Long-Term Care, Health Services Research Fund. April 1, 2014 to March 31, 2016. (\$483,000).

Sherifali, D. (PI), Brozic, A., Gerstein, H., Nerenberg, K., O'Reilly, D., Pullenayegum, E., Punthakee, Z., Yakubovich, N., & Yu, C. *Evaluating the effect of a diabetes health coach in individuals with Type 2 diabetes.* Canadian Institutes of Health Research, Operating Grant. Awarded by IHSR. January 2014-January 2017, (\$357,047).

2015

Jokiniemi, K. (PI), Petilia, A.M., Meretoja, R., Bryant-Lukosius, D., Kyngas, H., & Wong, F. *Developing clinical nurse specialist practice standards: Formulation of international capability framework.* Finnish Nurses Association, August 2015- July 2016. (3,000 Euros).

Pitkuskin, E. (PI), Rawson, K. (Co-PI), Wall, S., Shea-Budgell, M., Shack, L., Lait, J., Bryant-Lukosius, D., Suter, E., Ross, L., Abraham Joy, A., King, K., Lupichuk, S., Railton, C., Exec. Sponsor: B. Hubley. *Nurse practitioner care in Alberta: Evaluation of quality, value* and outcomes. Alberta Health Services, Cancer Strategic Clinical Network. Jan-Dec, 2015. (\$10,000)

2016

Donald, F. (PI), Bryant-Lukosius, D.(Co-PI), Martin-Misener, R. (Co-PI), Johansen, E., Egilsdottir, O., Honig, J., Roodbol, P.F., Carter, N., & Gardner, G. *A comparative analysis of pedagogical and evaluation methods used in graduate nurse practitioner education: A rapid review of grey literature*. Ryerson University, Faculty of Community Services, 2016 Spring Seed Grant. July 1, 2016- June 30, 2017. (\$5,995).

Martin-Misener, R. (PI), Bryant-Lukosius, D. (Co-PI), & Donald, F. (Co-PI). Johansen, E., Egilsdottir, O., Honig, J., Roodbol, P.F., Carter, N., & Gardner, G. *A comparative analysis of pedagogical and evaluation methods used in graduate nurse practitioner education: A scoping review or published literature*. Dalhousie University, Faculty of Health Professions Research Development Grant, April 1, 2016-March 31, 2017. (\$4,984).

Commissioned/Contracted Research and Policy Project Details

2010

DiCenso, A. (PI), Donald, F. (Co-PI), Bryant-Lukosius, D., Martin-Misener, R., Carter, N., Kaasalainen, S., Baxter, P., Kilpatrick, K., Charbonneau-Smith, R., Lloyd, M., Harbman, P., Hubley, P., Laflamme, C., Donald, E., Sangster-Gormley, E., Boyko, J., Campbell Yeo, M., Price, S., Wickson-Griffiths, A., & Yost, J. (2010). A systematic review of the effectiveness of advanced practice nurses: Patient and provider outcomes. Canadian Health Services Research Foundation-Office of Nursing Policy, Health Canada.

Donald, F., DiCenso, A. (Co-PIs), Marshall, D., Bryant-Lukosius, D., Martin-Misener, R., Carter, N., Kaasalainen, S., Baxter, P., Kilpatrick, K., Lloyd, M., Charbonneau-Smith, R., Harbman, P., Hubley, P., Laflamme, C., Donald, E., Sangster-Gormley, E., Boyko, J., Campbell Yeo, M., Price, S., Wickson-Griffiths, A., & Yost, J. (2010). *A systematic review of the cost-effectiveness of nurse practitioners and clinical nurse specialists*. Ministry of Health & Long-Term Care, Nursing Research Fund. September 1, 2010 to August 31, 2011.

Kilpatrick, K. (PI), DiCenso, A., Ritchie, J.A., Bryant-Lukosius, D., Martin-Misener, R., & Carter, N. *The practice patterns of clinical nurse specialists in Canada*. Office of Nursing Policy in Health Canada. October 22nd 2010 to March 25th 2011 (\$9,975); Canadian Nurses Association. October 15th 2010 to December 22nd 2010.

2011

Bryant-Lukosius, D. (PI), Kilpatrick, K. (Co-PI), DiCenso, A., & Charbonneau-Smith, R. *Promoting effective decision-making about the optimal use of clinical nurse specialists and nurse practitioners in Canada: Policy briefs for healthcare policy makers and administrators.* Office of Nursing Policy-Health Canada. November 1, 2011 to March 30, 2012.

2012

Carter, N. (PI), & Charbonneau-Smith, R. *The contribution of nurses with specialized knowledge and skills*. Canadian Nurses Foundation (CNF). October 1, 2012 to March 31, 2013.

2013

Donald, F., Martin-Misener, R., Akhtar-Danesh, N., Brazil, K., Bryant-Lukosius, D., Carter, N., DiCenso, A., Dobbins, M., McAiney, C., Kaasalainen, S., Ploeg, J., Sangster-Gormley, E., Schindel-Martin, L., Stolee, P., & Taniguchi, A. (2013). *Policy brief: The integration of nurse practitioners in long-term care in Canada*. Retrieved from http://fhs.mcmaster.ca/ccapnr/documents/policy_briefs/NPs_in_LTC_in_Canada_final.pdf

Kilpatrick, K. (PI), Martin-Misener, R. (Co-PI), Bryant-Lukosius, D., Carter, N., Donald, F., & DiCenso, A. *Benchmarking for nurse practitioner caseload and comparative analysis of nurse practitioner pay scales*. Health Care Programs & Policy Directorate, Health Canada. March 4, 2013 to May 31st 2013.

Martin-Misener, R., (PI) Bryant Lukosius, D., (Co-PI), Campbell, D., Carter, N., Charbonneau-Smith, R., Donald, F., Kilpatrick, K., McKinlay, J., Sherifali, D., Tranmer, J., & Valaitis, R. *Advancing a pan-Canadian primary care framework: optimizing the role of registered nurses and nurse practitioners.* Canadian Nurses Association. September 12, 2013 to March 31, 2014.

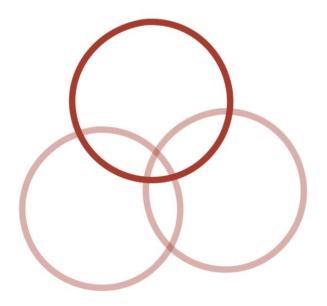
2014

Carter, N. (PI), Banfield, L., Bryant-Lukosius, D., Donald, F., Israr, S., Kilpatrick, K., Martin-Misener, R., McKinlay, J., Viscardi, V., & Yuille, L. *Indicators for evaluating the quality of nurse practitioner services in primary health care: A discussion paper*. Canadian Nurses Association. November 1, 2014 to January 31, 2015.

2015

Rayner, J., Donald, F., Martin-Misener, R., Bryant-Lukosius, D., & Bennewies, N. (2015). *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare (PHC) settings*. Retrieved from https://fhs.mcmaster.ca/ccapnr/documents/NPPanelSizeBN_14_7_15-long.pdf (unfunded)

APPENDIX B



Publications and Other Knowledge Transfer Activities (2010 - June 2016)

Peer-Reviewed Publication Details

2010

Akhtar-Danesh, N., Valaitis, R., Schofield, R., Underwood, J., Martin-Misener, R., Baumann, A., & Kolotylo, C. (2010). A questionnaire for assessing community health nurses' learning needs. *Western Journal of Nursing Research*, 32(8), 1055-1072. doi:10.1177/0193945910373600

Bryant-Lukosius, D., Browne, G., DiCenso, A., Whelan, T., Gafni, A., Neville, A., & Sathya, J. (2010). Evaluating health related quality of life and priority health problems in patients with prostate cancer: A strategy for defining the role of the advanced practice nurse. *Canadian Oncology Nursing Journal*, 20(1): 5 -14.

Bryant-Lukosius, D., Carter, N., Kilpatrick, K., Martin-Misener, R., Donald, F., Kaasalainen, S., Harbman, P., Bourgeault, I., & DiCenso, A. (2010). The clinical nurse specialist role in Canada. *Canadian Journal of Nursing Leadership*, 23 (SI), 140-166. doi:10.12927/cjnl.2010.22273.

Carter, N., Martin-Misener, R., Kilpatrick, K., Kaasalainen, S., Donald, F., Bryant-Lukosius, D., Harbman, P., Bourgeault, I., Kioke, S., & DiCenso, A. (2010). The role of nursing leadership in integrating clinical nurse specialists and nurse practitioners in healthcare delivery in Canada. *Canadian Journal of Nursing Leadership*, 23 (SI), 167-188. doi:10.12927/cjnl.2010.22274.

Capes, S. & Sherifali, D. (2010). Assessment and management of the diabetic foot. *Canadian Diabetes (Now Canadian Journal of Diabetes)* 23(4), 1-2.

DiCenso, A., Bourgeault, I., Abelson, J., Martin-Misener, R., Kaasalainen, S., Kioke, S., Carter, N., Harbman, P., Donald, F., Bryant-Lukosius, D., & Kilpatrick, K. (2010). Utilization of nurse practitioners to increase patient access to primary healthcare in Canada – Thinking outside the box. *Canadian Journal of Nursing Leadership*, 23 (SI), 239-259. doi:10.12927/cjnl.2010.22281.

DiCenso, A., Bryant-Lukosius, D., Martin-Misener, R., Donald, F., Abelson, J., Bourgeault, I., Kilpatrick, K., Carter, N., Kaasalainen, S., & Harbman, P. (2010). Factors enabling advanced practice nursing role integration in Canada. *Canadian Journal of Nursing Leadership*, 23 (SI), 211-238. doi:10.12927/cjnl.2010.22279

DiCenso, A., Martin-Misener, R., Bryant-Lukosius, D., Bourgeault, I., Kilpatrick, K., Donald, F., Kaasalainen, S., Harbman, P., Carter, N., Kioke, S., Abelson, J., McKinlay, R.J., Pasic, D., Wasyluk, B., Vohra, J., & Charbonneau-Smith, R. (2010). Advanced practice nursing in Canada: Overview of a decision support synthesis. *Canadian Journal of Nursing Leadership*, 23 (SI), 140-166. doi:10.12927/cjnl.2010.22267

Donald, F., Bryant-Lukosius, D., Martin-Misener, R., Kaasalainen, S., Kilpatrick, K., Carter, N., Harbman, P., Bourgeault, I., & DiCenso, A. (2010). Clinical nurse specialists and nurse practitioners: Title confusion and lack of role clarity. *Canadian Journal of Nursing Leadership*, 23 (SI), 189-210. doi:10.12927/cjnl.2010.22276

Donald, F., Martin-Misener, R. (Co-leads), Bryant-Lukosius, D., Kilpatrick, K., Kaasalainen, S., Kioke, S., Carter, N., Harbman, P., Bourgeault, I., & DiCenso, A. (2010). The primary healthcare nurse practitioner role in Canada. *Canadian Journal of Nursing Leadership*, 23 (SI), 88-113. doi:10.12927/cjnl.2013.22271

Kaasalainen, S, Brazil, K., Coke, E., Ploeg, J., Martin-Misener, R., Donald, F., DiCenso, A., Hadjistavropoulos, T., Dolovich, L., Papaioannou, P., Emili, A., & Burns, T. (2010). An action-based approach to improving pain management in long-term care. *Canadian Journal on Aging*, 29(4), 503–517.

Kaasalainen, S, Martin-Misener, R, Carter N, DiCenso, A, Donald, F., & Baxter, P. (2010). The nurse practitioner role in pain management in long-term care. *Journal of Advanced Nursing*, 66(3), 542-551.

Kaasalainen, S., Martin-Misener, R., Kilpatrick, K., Harbman, P., Bryant-Lukosius, D., Donald, F., Carter, N., & DiCenso, A. (2010). An historical overview of the development of advanced practice nursing roles in Canada. *Canadian Journal of Nursing Leadership*, 23(SI), 35-60. doi:10.12927/cjnl.2010.22268. http://www.longwoods.com/content/22268

Kilpatrick, K., Harbman, P., Carter, N., Martin-Misener, R., Bryant-Lukosius, D., Donald, F., Kaasalainen, S., Bourgeault, I., & DiCenso, A. (2010). The acute care nurse practitioner role in Canada. *Canadian Journal of Nursing Leadership*, 23(SI), 114-139. doi:10.12927/cjnl.2010.22272.

Martin-Misener, R. (2010). Will nurse practitioners achieve full integration in the Canadian healthcare system? Invited by *Canadian Journal of Nursing Research*, 42(2), 9-16.

Martin-Misener, R., Reilly, S., & Robinson Vollman, A. (2010). Defining the role of primary health care nurse practitioners in rural Nova Scotia. *Canadian Journal of Nursing Research*, 42(2), 31-47.

Martin-Misener, R., Bryant-Lukosius, D., Harbman, P., Donald, F., Kaasalainen, S., Carter, N., Kilpatrick, K., & DiCenso, A. (2010). Education of advanced practice nurses in Canada. *Canadian Journal of Nursing Leadership*, 23(SI), 61-87. doi:10.12927/cjnl.2010.22269.

Meltzer, S, J. & Sherifali, D. (2010). Diabetes in pregnancy: International recommendations provide an opportunity for improved care. *Canadian Diabetes (now Canadian Journal of Diabetes)* 23(1), 1-3.

Sherifali, D., Greb, J, Amirthavasar, G, Hunt, D, Haynes, B, Harper, W, Holbrook, A, Capes, S, Goeree, R, O'Reilly, D., Pullenayegum, E., & Gerstein H. (2010). The effect of computergenerated tailored feedback on glycemic control in people with diabetes in the community: A randomized controlled trial. *Diabetes Care*, *34*(8), 1794-8.

Sherifali, D., Nerenberg, K., Pullenaygum, E., Cheng, E., & Gerstein, H. (2010). The effect of oral antidiabetic agents on A1C levels: a systematic review and meta-analysis. *Diabetes Care*, 33(8), 1859-1864.

2011

Carter, N., Bryant-Lukosius, D., DiCenso, A., Blythe, J., & Neville, A. (2011). The supportive care needs of men with advanced prostate cancer. *Oncology Nursing Forum*, 38 (2), 189-198.

Sangster-Gormley, E., Martin-Misener, R., Downe-Wamboldt, D., & DiCenso, A. (2011). Examining factors influencing nurse practitioner role implementation in practice settings: An integrative review. *Journal of Advanced Nursing*, 67(6), 1178-1190.

Sherifali, D., & Meltzer, S. (2011). The evolution of the diabetes visit in primary care. *Canadian Diabetes (now Canadian Journal of Diabetes)*, 24 (4), 1-2.

Sherifali, D., Greb, J., Amirthavasar, G., Gerstein, H., & Gerstein, S. (2011). A community-based approach for the self-management of diabetes: The Diabetes Hamilton Support Program and Registry. *European Diabetes Nursing*, 8(2), 54-59.

2012

Agema, P., & Sherifali, D. (2012). Determining the impact of an intervention to increase problem-solving skills in diabetes self-management: The Diabetes Problem-Solving Passport Pilot Study. *Canadian Journal of Diabetes*, *36*(4), 199-203.

Amirthavasar, G., Dudar, N., Gandhi, S., Phillips, S., & Sherifali, D. (2012). The landscape of diabetes education in Ontario: A descriptive study. *Canadian Journal of Diabetes*, 36(4), 204-09.

Kaasalainen, S., Brazil, K., Akhtar-Danesh, N., Coker, E., Ploeg, J., Donald, F., Martin-Misener, R., DiCenso, A., Hadjistavropoulos, T., Dolovich, L., & Papaioannou, A. (2012). The evaluation of an interdisciplinary pain protocol in long term care. *Journal of the American Medical Directors Association*, *13*(7), 664.e1-8. doi:10.1016/j.jamda.2012.05.013

Sherifali, D., Shea, N., & Brooks, S. (2012). Exploring the experiences of urban Aboriginals living with or caring for someone with Type 2 diabetes. *Canadian Journal of Diabetes*, *36*(4), 175-80.

2013

Baxter, P., DiCenso, A., Donald, F., Martin-Misener, R., Opsteen, J., & Chambers, T. (2013). Continuing education for primary health care nurse practitioners in Ontario, Canada, *Nurse Education Today*, 33(4), 353-357.

Carter, N., Dobbins, M., Ireland, S., Hoxby, H., Peachey, G., DiCenso, A. (2013). Knowledge gaps regarding APN roles: What hospital decision makers tell us. *Canadian Journal of Nursing Leadership*, 26(4), 60-75. doi:10.12927/cjnl.2013.23629.

- Clement M, Harvey B, Rabi D, Roscoe R., & Sherifali, D. (2013). Clinical practice guidelines: Organization of care. *Canadian Journal of Diabetes*, *37*(Suppl 1), S20-S25.
- Donald, F., Martin-Misener, R., Carter, N., Donald, E.E., Kaasalainen, S., Wickson-Griffiths, A., Lloyd, M., Akhtar-Danesh, N., & DiCenso, A. (2013). A systematic review of the effectiveness of advanced practice nurses in long-term care. *Journal of Advanced Nursing*, 69(10), 2148-2161. doi: 10.1111/jan.12140
- Harper, W., Clement, M., Goldenberg, R., Hanna, A., Main, A., Retnakaran, R., Sherifali, D., Woo, V., Yale, J.F. (2013). Clinical practice guidelines: Pharmacologic management of Type 2 diabetes. *Canadian Journal of Diabetes*, 37(Suppl 1), S61-S68.
- Kaasalainen, S., Ploeg, J., McAiney, C., Schindel Martin, L., Donald, F., Martin-Misener, R., Brazil, K., Taniguchi, A., Wickson-Griffiths, A., Carter, N., & Sangster-Gormley, E. (2013). Role of the nurse practitioner in providing palliative care in long term care homes. *International Journal of Palliative Nursing*, 19(10), 477-485.
- Kaczorowski, J., Hearps, S.J.C., Lohfeld, L., Goeree, R., Donald, F., Burgess, K., & Sebalt, R. (2013). Impact of provider and patient reminders and deployment of nurse practitioners on cervical and breast cancer screening rates. *Canadian Family Physician*, *59*(6), e282-e289. Retrieved from http://www.cfp.ca/content/59/6/e282.full.pdf+html
- Kilpatrick, K., DiCenso, A., Bryant-Lukosius, D., Ritchie, J.A., Martin-Misener, R., & Carter, N. (2013). Practice patterns and perceived impact of clinical nurse specialist roles in Canada: Results of a national survey. *International Journal of Nursing Studies*, 50, 1524–1536. doi: 10.1016/j.ijnurstu.2013.03.005
- Paul, M., Majumdar, B., Boblin S., Akhtar-Danesh, N., & Sherifali, D. (2013). The gendered knowledge differences in HIV/AIDS among urban university students in southern Ethiopia. *European Scientific Journal*, 3, 602-9.
- Ploeg, J., Kaasalainen, S., McAiney, C., Martin-Misener, R., Donald, F., Wickson-Griffiths, A., Carter, N., Sangster-Gormley, E., Schindel Martin, L., Brazil, K., & Taniguchi, A. (2013). Resident and family perceptions of the nurse practitioner role in long-term care settings: A qualitative descriptive study. *BMC Nursing*, *12*(24), 1-11. doi:10.1186/1472-6955-12-24
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Peer Reviewed Conference Presentation Details (oral unless otherwise noted)

2010

Bryant-Lukosius, D., Aranda, S., Bakker, D., Corner, J., Cummings, G., Green, E., Ranford, J., & Wiernikowski, J., (March 7-11, 2010). *A national strategy for the effective introduction of advanced practice nursing roles in cancer control*. 16th International Conference on Cancer Nursing. Atlanta, GA. [Poster]

Bryant-Lukosius, D., Bakker, D., Conlon, M., Baxter, P., Green, E., Carter, N., DiCenso, A., & <u>Wiernikowski, J.</u> (March 7-11, 2010). *Enhancing knowledge, promoting quality by evaluating the implementation of oncology advanced practice nursing roles.* 16th International Conference on Cancer Nursing. Atlanta, GA.

Bryant-Lukosius, D., Bradish, G., Esplen, M.J., Green, E., Wiernikowski, J., Johnson, C., Volpe, J., Dempsey, C., McQuestion, M., Wiljer, D., Morarescu, D., & Virani, T. (March 7-11, 2010). *Mentorship: A strategy for meeting the career planning and role development needs of oncology nurses.* 16th International Conference on Cancer Nursing. Atlanta, GA. [Poster]

Bryant-Lukosius, D., Green, E., Paulse, B., Wiernikowski, J., Carter, N., Bakker, D., & McKinlay, R.J. (March 7-11, 2010). *Identifying administrator's resource needs for the introduction of oncology advanced practice nursing roles*. 16th International Conference on Cancer Nursing. Atlanta, GA.

Bryant-Lukosius, D., Bakker, D., Green, E., Conlon, M., Baxter, P., & Carter, N. (September 15, 2010). Evaluating the impact of a framework and toolkit on the introduction of advanced practice nursing (APN) roles. Canadian Association of Nurses in Oncology Annual Conference. Edmonton, AB.

Bryant-Lukosius, D., Esplen, M., Green, E., Bradish, G., Wiernikowski, J., McQuestion, M., Dempsey, C., Volpe, J., Hubley, P., Bhoutika, K., & Morarescu, D. (September 12, 2010). *Developing your career in oncology nursing: The power of mentorship and collaboration!*. Canadian Association of Nurses in Oncology Annual Conference, Edmonton, AB. [Workshop]

Bryant-Lukosius, D., Aranda, S., Bakker, D., Corner, J., Cummings, G., Green, E., Ranford, J., & Wiernikowski, J. (September 12-15, 2010). *A national strategy for the effective introduction of advanced practice nursing roles in cancer control*. Canadian Association of Nurses in Oncology Annual Conference. Edmonton, AB. [Poster]

DiCenso, A., MacDonald-Rencz, S., Bryant-Lukosius, D., Martin-Misener, R., Donald, F., & Carter, N. (September 8-11, 2010). *Canadian advanced practice nurses: Are we making full use of this workforce to increase health care quality and access?* International Council of Nurses International Nurse Practitioner/Advanced Practice Nursing Network Conference. Brisbane, Australia.

Donald, F., Martin-Misener, R., Bryant-Lukosius, D., DiCenso, A., Ploeg, J., Brazil, K., Kaasalainen, S., Schindel-Martin, L., Carter, N., Sangster-Gormley, E., Dobbins, M., Stolee, P., McAiney, C., Taniguchi, A., & Akhtar-Danesh, N. (September 8-11, 2010). *Understanding the integration of NPs into Canadian long-term care settings*. International Council of Nurses International Nurse Practitioner/Advanced Practice Nursing Network Conference. Brisbane, Australia.

Greb, J. & Sherifali, D. (October 20-23, 2010). *An intervention in the community to help achieve reduced glucose elevation: The IN-CHARGE Trial*. Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Professional Conference and Annual Meeting. Edmonton, Alberta.

Kilpatrick, K., DiCenso, A., Bryant-Lukosius, D., Donald, F., Martin-Misener, R., Kaasalainen, S., Kioke, S., Carter, N., Harbman, P., & Bourgeault, I. L. (June 3, 2010). *Barrières et facilitateurs à l'implantation des rôles d'infirmières de pratique avancée au Canada*. Association québécoise d'établissements de santé et de services sociaux. Colloque 2010-Modèles d'organisation en services infirmiers. Montréal, Québec, Canada.

Kilpatrick, K., DiCenso, A., Bryant-Lukosius, D., Donald, F., Martin-Misener, R., Abelson, J., Kaasalainen, S., Kioke, S., Carter, N., Harbman, P., & Bourgeault, I. L. (January 28, 2010). *Table ronde sur la pratique avancée : Infirmier(ère) clinicien(ne) spécialisé(e) et infirmier(ère) praticien(ne) : les rôles et les enjeux au Canada*. Congrès National de l'Association des étudiant(e)s infirmier(ère)s du Canada. Québec City, QC.

Martin-Misener, R., Crawford, T., DiCenso, D., Akhtar-Danesh, N., Donald, F., Kaasalainen, S., & Bryant-Lukosius, D. (January 18-19, 2010). *Practice patterns of primary health care nurse practitioners in Nova Scotia: A provincial survey*. CIHR Primary Health Care Summit. Toronto, ON. [poster]

Sherifali, D. (September 19-20, 2010). *Determining the effect of a community-based approach for the self-management of diabetes.* Federation of European Nurses in Diabetes. Stockholm, Sweden.

Vohra, J.U. & Bryant-Lukosius, D. (May 10-14, 2010). *The advanced practice nursing data collection toolkit: A compendium of research tools*. CAHSPR Conference. Toronto, ON. [poster]

Yakubovich, N., Punthakee, Z., Sherifali, D., & Gerstein, H. (2010) *Remission evaluation of metabolic interventions in Type 2 diabetes (REMIT): A pilot trial design*. CIHR 9th Annual New Principal Investigators Meeting. Jackson's Point, Ontario.

2011

Baxter, P., Donald, F., Laflamme, C., Martin Misener, R., Charbonneau-Smith, R., & Sangster-Gormley, E. (September 29, 2011). *Evaluating a graduate level primary health care nurse practitioner program: Strategies for success.* Canadian Association of Advanced Practice Nurses Biennial Conference. Saskatoon, Saskatchewan. [poster]

- Baxter, P., Donald, F., Laflamme, C., Martin-Misener, R., Charbonneau-Smith, R., & Sangster-Gormley, E. (September 8, 2011). *The characteristics of an effective graduate level Primary Health Care Nurse Practitioner Program: Overcoming barriers*. Network for Education in Healthcare Conference. Churchill College, Cambridge, UK. [poster]
- Baxter, P., Donald, F., Laflamme, C., Opsteen, J., McCrady, W., Mohide, A., Swart, B., & Sullivan-Bentz, M. (November 11-13, 2011). *Identifying the professional development needs of Ontario's primary health care nurse practitioner faculty and preceptors*. Nurse Practitioner Association of Ontario Conference. Hamilton, Ontario. [poster]
- Bryant-Lukosius, D., Bakker, D., Green, E., Conlon, M., Baxter, P., & Carter, N. (September 30, 2011). Evaluating the impact of a framework and toolkit on the introduction of advanced practice nursing (APN) roles. Canadian Association of Advanced Practice Nurses Biannual Conference. Saskatoon, SK.
- Bryant-Lukosius, D., Duke, V., Gwartz, D., Miller, L., Watson, L. (September 29, 2011). *Mentorship for advanced practice nurses: Lessons learned from the Oncology Nursing e-Mentorship Program.* Canadian Association of Advanced Practice Nurses Biannual Conference. Saskatoon, SK.
- Bryant-Lukosius, D., Martelli-Reid, L., Forbes, M., Jolicoeur, L., Pituskin, E., & Mehta, A., (September 29, 2011). *Developing and integrating researching into your APN role: Strategies, impact and lessons learned from a Centre of Excellence*. Canadian Association of Advanced Practice Nurses Biannual Conference. Saskatoon, SK.
- Bryant-Lukosius, D. (September 11-14, 2011). *A national strategy for optimizing the development of APN roles in cancer control* Canadian Association of Nursing in Oncology Annual Conference. Halifax, NS. [poster]
- Bryant-Lukosius, D., Aranda, S., Bakker, D., Corner, J., Cummings, G., Green, E., Wiernikowski, J., & Israr, S. (September 13, 2011). *International use of oncology APN roles in cancer control: Methodological challenges and strategies in conducting a scoping review* Canadian Association of Nursing in Oncology Annual Conference. Halifax, NS.
- Bryant-Lukosius, D., Martelli-Reid, L., Forbes, M., Jolicoeur, L., Pituskin, E., & Mehta, A., (September 12, 2011). *Developing and integrating researching into your APN role: Strategies, impact and lessons learned from a Centre of Excellence*. Canadian Association of Nursing in Oncology Annual Conference. Halifax, NS.
- DiCenso, A., MacDonald-Rencz, S., Bryant-Lukosius, D., Martin-Misener, R., Donald, F., & Carter, N. (May 5, 2011). *Canadian advanced practice nurses: Are we making full use of this workforce to increase health care quality and access?* International Council of Nurses Conference 2011. La Valeta, Malta.

- Donald, F. & Baxter, P. (April 16, 2011). *Continuing education for primary health care NPs in Ontario: Barriers, learning needs, and delivery preferences*. National Organization of Nurse Practitioner Faculty 37th Annual Meeting. Albuquerque, NM. [poster]
- Donald, F. (Symposium Chair), Martin-Misener, R., Kaasalainen, S., & Wickson-Griffiths, A. (October 23, 2011). *Symposium: The emerging role of the nurse practitioner in Canada*. Canadian Association on Gerontology and International Association of Gerontology & Geriatrics Pan American Congress. Ottawa, Ontario.
- Donald, F., Martin-Misener, R., Kaasalainen, S., Wickson-Griffiths, A., Schindel Martin, L., Carter, N., DiCenso, A., Ploeg, J., Brazil, K., McAiney, C., Akhtar-Danesh, N., & Sangster-Gormley, E. (October 23, 2011). *The deployment, practice models, and factors influencing the integration of nurse practitioners in long-term care: A pan-Canadian study*. Canadian Association on Gerontology and International Association of Gerontology & Geriatrics Pan American Congress. Ottawa, Ontario.
- Donald, F., Mohide, E.A., DiCenso, A., Brazil, K., & Stephenson, M. (October 23, 2011). *Nurse practitioner and physician collaborative practice in long-term care settings in Ontario: A mixed methods study*. Canadian Association on Gerontology and International Association of Gerontology & Geriatrics Pan American Congress. Ottawa, Ontario.
- Donald, F., Martin-Misener, R., Ploeg, J., DiCenso, A., Brazil, K., Kaasalainen, S., Carter, N., Schindel-Martin, L., McAiney, C., Bryant-Lukosius, D., Akhtar-Danesh, N., Stolee, P., Taniguchi, A., Sangster-Gormley, E. & Dobbins, M. (November 23, 2011). *Understanding integration: A national study of nurse practitioners working in long-term care*. Ontario Long-Term Care Association's 3rd Annual Research Education Day. Toronto, ON. [poster]
- Harbman, P. (November, 2011). *The nurse practitioners' role in secondary prevention after heart attack.* Nurse Practitioner Association of Ontario annual conference. Toronto, ON.
- Kaasalainen, S., Martin-Misener, R., Donald, F., Carter, N., Baxter, P., & DiCenso, A. (October 23, 2011). *Capitalizing on the nurse practitioner role to improve pain management in long-term care*. Canadian Association on Gerontology and International Association of Gerontology & Geriatrics Pan American Congress. Ottawa, ON.
- Martin-Misener, R., Donald, F., Wickson-Griffiths, A., Akhtar-Danesh, N., Brazil, K., Bryant-Lukosius, D., Carter, N., McAiney, C., Kaasalainen, S., Ploeg, J., Sangster-Gormley, E., Schindel Martin, L., Stolee, P.,& Taniguchi, A. (September 29, 2011). *Nurse practitioners in Canadian long-term care settings: Where are they, what do they do, and how integrated are they?* Canadian Association of Advanced Practices Nurses. Saskatoon, SK.
- Martin-Misener, R., Donald, F., Kaasalainen, S., Carter, N., Donald, E., Wickson-Griffiths, A., Lloyd, M., & Akhtar-Danesh, N. (October 23, 2011). *Effectiveness of nurse practitioners in long-term care: A systematic review*. Canadian Association on Gerontology and International Association of Gerontology & Geriatrics Pan American Congress. Ottawa, ON.

Wickson-Griffiths, A., Donald, F., Martin-Misener, R., Bryant-Lukosius, D., DiCenso, A., Ploeg, J., Brazil, K., Kaasalainen, S., Schindel Martin, L., Carter, N., Sangster-Gormley, E., Dobbins, M., Stolee, P., McAiney, C., Taniguchi, A., & Akhtar-Danesh, N. (June 8-11, 2011). *A case study of the integration of nurse practitioners in Canadian long-term care settings*. Canadian Gerontological Nursing Association 16th National Conference on Gerontological Nursing. Mississauga, Ontario.

2012

Bryant-Lukosius, D., Esplen, M.J., McQuestion, M., Green, E., Dempsey, C., Hubley, P., Volpe, J., Givens, S., & Morarescu, D. (October 11-14, 2012). *Creating a high quality cancer nursing workforce: The benefits of career and professional development*. CANO Annual Conference. Ottawa, ON.

Bryant-Lukosius, D., Esplen, M.J., McQuestion, M., Green, E., Dempsey, C., Hubley, P., Volpe, J., Givens, S., & Morarescu, D. (August 27-30, 2012). *Mentorship for leadership: Lessons learned from the oncology nursing e-mentorship program*. World Cancer Congress. Montreal, Quebec. [poster]

Bryant-Lukosius, D., Esplen, M.J., McQuestion, M., Green, E., Dempsey, C., Hubley, P., Volpe, J., Givens, S., & Morarescu, D. (August 27-30, 2012). *Creating a high quality cancer nursing workforce: The benefits of career and professional development*. World Cancer Congress. Montreal, Quebec. [poster]

Donald F. (November 16, 2012). *Mixed methods research for advanced practice nurse educators*. University Health Network. Toronto, ON [workshop]

Donald, F., Martin-Misener, R., Carter, N., McAiney, C., Kaasalainen, S., Ploeg, J., Schindel-Martin, L., Brazil, K., DiCenso, A., Akhtar-Danesh, N., Bryant-Lukosius, D., Sangster-Gormley, E., Taniguchi, A., Stolee, P., & Dobbins, M. (August 20-22, 2012). *The nurse practitioner role in Canadian long-term care settings: A mixed-methods study*. 7th International Council of Nurses International Nurse Practitioner/Advanced Practice Nursing Network (INP/APNN) Conference. London, UK.

Harbman, P. (2012). Development and testing of a nurse practitioner secondary intervention for patients following acute myocardial infarction. Canadian Cardiovascular Society. Toronto, ON.

Kilpatrick, K., DiCenso, A., Bryant-Lukosius, D., Ritchie, J.A., Martin-Misener, R., & Carter, N. (May 28-31, 2012). *Clinical nurse specialist practice in Canada: Role deployment, implementation and impact*. Canadian Association of Health Services and Policy Researchers. Montreal, Quebec. [poster]

Kilpatrick, K., DiCenso, A., Bryant-Lukosius, D., Ritchie, J., Carter, N., & Martin-Misener, R. (August 20-22, 2012). *Practice patterns of clinical nurse specialists in Canada: Results of a national survey*. 7th International Nurse Practitioner/Advanced Practice Nursing Network Conference. Advanced nursing practice: Global vision-global reality. London, UK.

Martin-Misener, R., Donald, F., Wickson-Griffiths, A., Akhtar-Danesh, N., Brazil, K., Bryant-Lukosius, D., Carter, N., McAiney, C., Kaasalainen, S., Ploeg, J., Sangster-Gormley, E., Schindel Martin, L., Stolee, P., & Taniguchi, A. (May 28-31, 2012). *Practice patterns of nurse practitioners in Canadian long-term care residential settings: Results of a national mixed methods study*. Canadian Association of Health Services and Policy Researchers. Montreal, Quebec.

Martin-Misener, R. & Donald, F. (November 13, 2012). *Nurse practitioner education in Canada: National framework of principles and essential components*. Canadian Association of Schools of Nursing (CASN) Council Meeting, Graduate Studies Educator Forum. Ottawa, Ontario.

Mullan, Y., Fusek, B., MacLeod, J., Punthakee, Z., & Sherifali, D. (October 10-14, 2012). *Exploring the experiences of adults living with Type 1 diabetes accessing care*. Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Professional Conference and Annual Meeting. Vancouver, British Columbia.

Ploeg, J., Kaasalainen, S., McAiney, C., Martin-Misener, R., Donald, F., Wickson, A., Carter, N., & Sangster-Gormley, E. (November 14-18, 2012). *Resident and family perceptions of the nurse practitioner role in long term care settings*. Gerontological Society of America's 65th Annual Scientific Meeting. San Diego, CA. [poster]

Ploeg, J., Kaasalainen, S., McAiney, C., Martin-Misener, R., Donald, F., Wickson-Griffiths, A., Carter, N., Sangster-Gormley, E., Schindel-Martin, L., Taniguchi, A., & Brazil, K. (October 18-20, 2012). A case study of resident and family perceptions of the nurse practitioner role in long-term care settings. 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology. Vancouver, British Columbia. BC.

Sangster-Gormley, E., Carter, N., Donald, F., Ploeg, J., Kaasalainen, S., Martin-Misener, R., Schindel Marin, L., Taniguichi, A., McAiney, C., Wickson-Griffiths, A., & Akhtar-Danesh, N. (October 18-20, 2012). *Identifying value added benefits of nurse practitioners in long-term care homes: Enhancing nursing staff's ability to care for older persons*. 41st Annual Scientific and Educational Meeting of the Canadian Association on Gerontology. Vancouver, British Columbia.

Sherifali, D. (October 10-14, 2012). Writing for publication: Tips for success for Diabetes Educators. 2012 Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Professional Conference and Annual Meeting. Vancouver, British Columbia.

Sherifali, D. (October 10-14, 2012). *Exploring the experiences of urban Aboriginals living with or caring for someone with Type 2 diabetes*. Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Professional Conference and Annual Meeting. Vancouver, British Columbia.

Sherifali, D., Brozic, A., Amirthavasar, G., & Gerstein, H. (August 1-4, 2012). *The virtual lifestyle management program in Type 2 diabetes*. American Association of Diabetes Educators. Indianapolis, Indiana.

Sherifali, D., Brozic, A., Amirthavasar, G., & Gerstein, H. (June 8-12, 2012). *Piloting a virtual lifestyle management program for Type 2 diabetes*. American Diabetes Association. Philadelphia, Pennsylvania.

Sherifali, D., Chagnon, C., & Fusek, B. (August 1-4, 2012). *A diabetes inpatient clinical pathway for the management of post-operative cardiac surgery patients*. American Association of Diabetes Educators. Indianapolis, Indiana.

2013

Agema, P. & Sherifali. D. (December 2-6, 2013). *The diabetes educator role in Canada: A national survey*. International Diabetes Federation's World Diabetes Congress. Melbourne, Australia. [Accepted but did not present]

Bryant-Lukosius, D. (October 20, 2013). *Effective use of advanced practice nurses (APNs) in cancer control*. Canadian Association of Nursing in Oncology Conference, Vancouver, B.C.

Cassidy Vitella, G., Donald, F., & Martin-Misener, R. (November 8-9, 2013). *Job satisfaction of nurse practitioners in long term care*. Nurse Practitioner Association of Ontario Conference. Toronto, Ontario. [poster]

Harbman, P. (October, 2013). Bridging research into clinical practice: An innovative academic-practice partnership to integrate research activities into advanced nursing practice. *Canadian Association of Advanced Practice Nurses Biennial Conference*. Halifax, Nova Scotia.

Harbman, P., Sidani, S., MacMillan, K., van Soeren, M., Reeves, S., Donald, F., Hurlock-Chorostecki, C., & Staples, P. (October 3, 2013). *An exploration of nurse practitioners' provision of patient-centred, interprofessional and evidence-based practice in acute and long-term care settings*. Canadian Association of Advanced Practice Nurses Biennial Conference. Halifax, NS.

Hurlock-Chorostecki, C., van Soeren, M., MacMillan, K., Sidani, S., Donald, F., Staples, P., & Reeves, S. (October 27, 2013). *Understanding the NP role: An ethnographic study of interprofessional role interactions. Qualitative Health Research Conference*. Halifax, NS.

Sherifali, D. (October 16-19, 2013). *The diabetes educator role in Canada: A national survey*. Vascular 2013. Montreal, Quebec.

Sherifali, D. (August 7-10, 2013). *The diabetes educator role in Canada: A national survey*. American Association of Diabetes Educators. Philadelphia, Pennsylvania.

Sidani, S., McMillan, K., Donald, F., Hurlock-Chorostecki, C., Reeves, S., Staples, P., van Soeren, M., & Collins, L. (June 5, 2013. *An exploration of nurse practitioners' provision of*

patient-centred, interprofessional and evidence-based practice in acute and long term care settings. Daphne Cockwell School of Nursing 6th Annual Nursing Research Day. Toronto, ON.

2014

Ashley, L., Bryant-Lukosius, D., & Martin-Misener, R. (June 16-18, 2014). *Optimizing the role of registered nurses in primary care. Results of a scoping review.* Canadian Association of Nurses Annual Conference. Winnipeg, MB.

Bryant-Lukosius, D., Harbman, P., Martin-Misener, R., Carter, N., Donald, F., Kilpatrick, K., Sherifali, D., Tranmer, J., & Valaitis, R. (May 26, 2014). *Education and mentorship to support advanced practice nurse leadership in research: An innovative approach*. Canadian Nursing Education Conference - Anticipating and Shaping the Future of Nursing Education. Halifax, Nova Scotia.

Donald, F., Kilpatrick, K., Reid, K., Carter, N., Bryant-Lukosius, D., Martin-Misener, R., Kaasalainen, S., Harbman, P., Marshall, D.A., & DiCenso, A. (August 20, 2014). *The effectiveness and cost effectiveness of NPs in transition roles*. International Nurse Practitioner/Advanced Practice Nursing Network Conference. Helsinki, Finland.

Harbman, P. (November 8, 2014). *Bridging research into clinical practice: An innovative academic-practice partnership to integrate research activities into advanced nursing practice.* Nurse Practitioner Association of Ontario Annual Conference. Hamilton, Ontario.

Harbman, P., Bryant-Lukosius, D., Martin-Misener, R., Carter, N., Donald, F., Valaitis, R., Covell, C., Kilpatrick, K., Sherafili, D., Tramner, J., & DiCenso, A. (August 22, 2014). *Bridging research into clinical practice: An innovative academic-practice partnership to integrate research activities into advanced nursing practice*. International Nurse Practitioner/Advanced Practice Nursing Network Conference. Helsinki, Finland.

Harbman, P., Sidani, S, Donald, F., Hurlock-Chorostecki, D., MacMillan, K., Reeves, S., & Staples, P. & van Soeren, M., (August 20, 2014). *Impact of nurse practitioner patient-centred practices on patient outcomes in acute care settings*. 8th International Nurse Practitioner/Advanced Practice Nursing Network Conference: Expanding access and improving healthcare outcomes. Helsinki, Finland.

Hurlock-Chorostecki, C., van Soeren, M., MacMillan, K., Sidani, S., Donald, F., Staples, P., & Reeves, S. (October 21, 2014). *The value of nurse practitioner roles in interprofessional practice*. Canadian Health Human Resources Conference. Ottawa, ON.

Kilpatrick, K., Martin Misener, R., Bryant-Lukosius, D., Valaitis, R., Carter, N., Charbonneau-Smith, R., Miller, P., Flanigan, K., Harbman, P., Donald, F., Boesveld, S., Lamb, A., McKinley, J., & DiCenso, A. (August 18, 2014). *Determining primary health care nurse practitioner productivity: An international comparison*. 8th INP/APNN Conference: Advanced nursing practice: Expanding access and improving healthcare outcomes. Helsinki, Finland.

Kilpatrick, K., Martin-Misener, R., Bryant-Lukosius, D., Valaitis, R., & Carter, N. (May 15, 2014). *Nurse practitioner productivity and national comparison of nurse practitioner salaries in primary health care*. Canadian Association of Health Services and Policy Researchers. Toronto, Ontario.

Lamb, A., Martin-Misener, R., Bryant-Lukosius, D., & Latimer, L. (May 26, 2014). *An exploratory descriptive study of advanced practice nurses as nurse leaders*. Canadian Association of Schools of Nursing. Halifax, NS.

Martin-Misener, R., Burge, F., Donald, F., & Crawford, T. (November 21-25, 2014). Community *Planning and Engagement strategies used by teams involving nurse practitioners and family physicians in primary healthcare in Nova Scotia*. North American Primary Care Research Group Annual Meeting. New York, NY. [poster]

Martin-Misener, R., Burge, F., Chisholm, J., Donald, F., & Murphy, A. (May 14, 2014). *Structures and processes of teams involving nurse practitioners and family physicians in primary health care in Nova Scotia*. Canadian Association of Health Services and Policy Researchers. Toronto, ON.

Stoll, H., Spichiger, E., Callens, B., De Geest, S., Degen, S., Fliedner, M., Grossmann, F., Henry, M., Herrmann, L., Koller, A., Martin, J., Schwendimann, R., Ulrich, A., Weibel, L., & Bryant-Lukosius, D. (August 18-20, 2014). *Development of a national evaluation framework: A strategy to optimize the introduction and outcomes of advanced practice nurses in Switzerland*. 8th INP/APNN Conference: Advanced nursing practice. Helsinki, Finland.

Yeung, C.W., Donald, F., Martin-Misener, R., Carter, N., Schindel Martin, L., Wickson-Griffiths, A., Ploeg, J., McAiney, C., Kaasalainen, S., Sangster-Gormley, E., & Brazil, K.. (November 11, 2014). *Healthcare providers' perceptions of the nurse practitioner role in long-term care*. Ryerson University, Faculty of Community Services Student Achievement Awards and Recognition. Toronto, ON. [poster]

Yuille, L., Bryant-Lukosius, D., Martin-Misener, R., Ashley, L., Valaitis, R., Carter, N., Tranmer, J., Sherifali, D., Kilpatrick, K., Donald, F., Viscardi, V., & McKinlay, J. (May 28, 2014). *Structural and process barriers and facilitators to nursing role optimization in Canadian primary care practice settings*. Trillium Primary Care Research Day. Toronto, Ontario.

Yuille, L., Bryant-Lukosius, D., Cosby, R., Bakker, D., Earle, C., Fitzgerald, B., & Burkoski, V. (June 19, 2014). *Building capacity in cancer control: The effective use of advance practice nursing roles*. Department of Oncology Graduate Student Day, *McMaster University*. Hamilton, Ontario.

2015

Bryant-Lukosius, D., Cosby, R., Earle, C., Green, E., Bakker, D., Fitzgerald, B., & Burkoski, V. (January 30, 2015). *Systematic review and guideline recommendations for the use of advanced practice nursing roles in cancer control*. Escarpment Cancer Research Institute (ECRI) Research Day, Juravinski Cancer Centre. Hamilton, Ontario. [poster]

Bryant-Lukosius, D., Cosby, R., Earle, C., Green, E., Bakker, D., Fitzgerald, B., & Burkoski, V. (July 8-11, 2015). *Effective use of advanced practice nursing roles in cancer control: results of a systematic review*. International Conference on Cancer Nursing (ICCN). Vancouver, British Columbia.

Bryant-Lukosius, D., Green, E., & Fitzgerald, B. (July 8-11, 2015). *Guideline on APN roles in cancer control: Update strategies*. Presented at the International Conference on Cancer Nursing (ICCN). Vancouver, British Columbia. [workshop]

Bryant-Lukosius, D., Green, E., & Fitzgerald, B. (October 4-7, 2015). Evidence-based strategies for the design and effective use of advanced practice nursing roles in cancer control: Practice guideline recommendations. Canadian Association of Nurses in Oncology Conference. Toronto, Ontario.

Harbman, P. Lynden, C., Peters, M., & Young, C. (September 25, 2015). An innovative academic-practice partnership to integrate research activities into *advanced practice nursing practice: Results of research training and mentoring*. Nurse practitioner Association of Ontario Annual Conference. Toronto, Ontario.

Harbman, P. (September 4, 2015). An innovative academic-practice partnership to integrate research activities into advanced practice nursing practice: Results of research training and mentoring. International Nurse Practitioner/Advanced Practice Nursing Network Conference. Munich, Germany.

Kilpatrick, K., Tchouaket, E., Bryant-Lukosius, D., Carter, N., & DiCenso, A. (September 23-25, 2015). *Factors influencing clinical nurse specialist role implementation*. Canadian Association of Advanced Practices nurses Biennial Convention. Winnipeg, Manitoba.

Martin-Misener, R., Kilpatrick, K., Donald, F., Bryant Lukosius, D., Rayner, J., & Landry, V. (September 23-24, 2015). Leading for accountability and quality: *The question of nurse practitioner patient panel size in primary health care*. Canadian Associated of Advanced Practice Nurses Biennia Convention. Winnipeg, Manitoba. [poster]

Rayner, J., Donald, F., Martin-Misener, R., Bryant-Lukosius, D., & Bennewies, N. (February 23, 2015). *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare (PHC) settings*. Health Research Showcase: Ministry of Health and Long-Term Care. Toronto, Ontario.

Sherifali, D., Brozic, A., Agema, P., & Abidi, M. (November 30 - December 4, 2015). *A systematic review of the diabetes coach*. International Diabetes Federation's World Diabetes Congress. Vancouver, Canada.

Yuille, L., Bryant-Lukosius, D., Valaitis, R., & Dolovich, L. (January 30, 2015). *Optimizing registered nurse roles in the delivery of cancer survivorship care (CSC) within primary care settings*. ECRI Research Day, Juravinski Cancer Centre. Hamilton, Ontario. [poster]

2016

Donald, F., Martin-Misener, R., Rayner, J., Kilpatrick, K., Bryant-Lukosius, D., Bourgeault, I., Akhtar-Danesh, N., Carter, N., Ziegler, E., & Bennewies, N. (2016). *Nurse practitioner activities in primary care: A mixed methods study*. Association of Ontario Health Centres Conference. Shift the Conversation: Community Health and Wellbeing, Toronto, ON. June 8 [Spotlight session]

Lukewich, J., Williamson, T., Edge, D., VanDenKerkhof, E., & Tranmer, J. (June, 2016). *Registered nurse staffing and health outcomes of patients with Type 2 diabetes within primary care*. Canadian Nurses Association Biennial Convention. Saint John, New Brunswick. [Panel Presentation; co-presenters – R. Martin- Misener, C. Rowan, L. Ashley].

Lukewich, J. Williamson, T., Edge, D., VanDenKerkhof, E., Tranmer, J. (May, 2016). *Registered nurse staffing and the management of patients with Type 2 diabetes within primary care*. Community Health Nurses of Canada Conference. St. John's, Newfoundland and Labrador.

Lukewich, J. Williamson, T., Edge, D., VanDenKerkhof, & Tranmer, J. (May, 2016) Organizational attributes of primary care team practices in Eastern Ontario: An application of the measuring organizational attributes of primary health care. Canadian Association for Health Services and Policy Research (CAHSPR) Conference. Toronto, Ontario. [poster]

Lukewich, J. Williamson, T., Edge, D., VanDenKerkhof, E., & Tranmer, J. (May, 2016). *Registered nurse staffing and the management of patients with Type 2 diabetes within primary care*. Canadian Association for Health Services and Policy Research (CAHSPR) Conference. Toronto, Ontario.

Lukewich, J., Williamson, T., Edge, D., VanDenKerkhof, E., & Tranmer, J. (February, 2016). *Registered nurse staffing and the management of patients with Type 2 diabetes within primary care*. Chronic Disease Prevention Alliance of Canada (CDPAC) 2016 Conference - Integrated Chronic Disease Prevention: The Value Proposition. Toronto, Ontario.

Martin-Misener, R. (June 21, 2016). *Optimizing RN roles in primary care in Canada. Panel:* evaluating and optimizing nursing roles within primary care. Canadian Nurses Association Biennium. Saint John, New Brunswick. [Panel Presentation; co-presenters – J. Lukewich, C. Rowan, L. Ashley]

Miller, L. & Martin-Misener, R. (June 2016). *Nurse Practitioner education: prescribing controlled drugs and substances*. CASN Education Conference. Toronto, Ontario.

Invited Presentation Details (oral presentation unless otherwise noted)

2010

Bryant-Lukosius, D. (2010, June 3). *Leadership Track – Part 1 and 2: Designing innovative neonatal advanced practice nursing roles: Strategies and solutions for addressing patient, family and health system needs.* Two 1-hour concurrent sessions presented to the Neonatal Advanced Practice Nursing Forum, Washington, D.C.

Bryant-Lukosius, D. (2010, June 8). *The future of the clinical nurse specialist role in Canada: Results of a decision support synthesis.* Presented for the Canadian Association of Advanced Practice Nurses at the Canadian Nurses Association Biennial Convention, Halifax, Nova Scotia.

Bryant-Lukosius, D. (2010, October 6). *Update on advanced practice nursing roles: Evidence and opportunities for innovation in cancer care.* Presented at Regional Oncology Rounds, Carl Fidani and Peel Regional Cancer Centre, Mississauga, Ontario.

K. Kilpatrick, DiCenso, A., Bryant-Lukosius, D., Donald, F., Martin-Misener, R., Kaasalainen, S., Kioke, S., Carter, N., Harbman, P., & Bourgeault, I. L. (2010, June 3). *Partie 1. Barrières et facilitateurs à l'implantation des rôles d'infirmières de pratique avancée au Canada*. Presented for the Association québécoise d'établissements de santé et de services sociaux, Colloque 2010-Modèles d'organisation en services infirmiers, Montréal, Québec.

Martin-Misener, R. (2010, May 12). *The interface between policymakers and researchers*. Presenting panel member at the Canadian Association for Health Policy and Research, Toronto, Ontario. [Panel Presentation]

2011

Bryant-Lukosius, D. (2011, January 17). *The PEPPA Project: Development of an evidence-based toolkit for APN role implementation in cancer control.* Presented at Provincial Oncology Nursing Rounds, Cancer Care Ontario, Toronto, ON.

Bryant-Lukosius, D. (2011, March 12). *International perspectives on the role of the clinical nurse specialist*. Keynote address for the National Association of Clinical Nurses Specialists Annual Conference, Baltimore, MA.

Bryant-Lukosius, D. (2011, April 14). Oncology nurse perceptions of clinical priorities for improving evidence-based practices. Presented at Nursing Grand Rounds, Hamilton Health Sciences, Hamilton, Ontario.

Bryant-Lukosius, D. (2011, June 2). *The clinical nurse specialist in Canada: History, education and vision*. Presented for the Advanced Practice Nursing Group Retreat, Hamilton Health Sciences, Burlington, Ontario.

Bryant-Lukosius, D. (2011, June 16). *Oncology advanced practice nursing roles: An interactive workshop on strategies to promote role expansion, implementation and evaluation.* Preconference workshop at Caring for Cancer Conference, Alberta Health Services, Edmonton, Alberta. [Pre-conference workshop]

Bryant-Lukosius, D. (2011, August 8-12). *Defining advanced nursing practice: The need for international consensus*. Keynote address at the 4th Annual Passion about Practice Nursing Conference, Brisbane, QLD, Australia. [Keynote]

Bryant-Lukosius, D. (2011, August 11). *Well-designed oncology APN roles: Outcomes and implementation strategies*. Half-day workshop for APNs, graduate students and healthcare administrators at the Queensland University of Technology, Brisbane, QLD, Australia. [Workshop]

Bryant-Lukosius, D. (2011, August 10). *Systematic and evidence-based strategies for developing and evaluating APN roles*. Half-day workshop for faculty, graduate students and healthcare administrators, Queensland University of Technology, Brisbane, QLD, Australia. [Workshop]

Bryant-Lukosius, D., Kilpatrick, K., & McIssac, B. (2011, September 29). *Clinical nurse specialists in Canada: From research to action*. Panel presentation at the plenary sessions of the Canadian Association of Advanced Practice Nurses Biennial Conference, Saskatoon, Saskatchewan. [Panel Presentation]

DiCenso, A., MacDonald-Rencz, S., Bryant-Lukosius, D., Martin-Misener, R., Donald, F., & Carter, N. (2011, May 5). *Canadian advanced practice nurses: Are we making full use of this workforce to increase health care quality and access?* Keynote presentation for the International Council of Nurses Conference, LaValeta, Malta. [Keynote]

DiCenso, A., MacDonald-Rencz, S., Bryant-Lukosius, D., Martin-Misener, R., Donald, F., & Carter, N. (2011, September 9). *Canadian advanced practice nurses: Are we making full use of this workforce to increase health care quality and access?* Keynote presentation for the International Council of Nurses International Nurse Practitioner/Advanced Practice Nursing Network Conference, Brisbane, Australia. [Keynote]

Martin-Misener, R. (2011, September 28-30). *Nurse practitioner education*. Panel presentation for the Canadian Association of Advanced Practice Nurses conference, Saskatoon, Saskatchewan. [Panel Presentation]

Martin-Misener, R. (2011, June 14). *Implementation and effectiveness of nurse practitioners in long-term care*. Presented at Northwood Research Day, Bedford, Nova Scotia.

2012

Bryant-Lukosius, D. (March 2, 2012). *Advanced practice nursing: Building on international experience*. Inselspital University Hospital Conference on Advanced Practice Nursing. Bern, Switzerland. [keynote]

Bryant-Lukosius, D. (March 2, 2012). *Conducting meaningful evaluations of advanced practice nursing roles*. Inselspital University Hospital Conference on Advanced Practice Nursing. Bern, Switzerland. [workshop].

Bryant-Lukosius, D. (March 1, 2012). *Systematic and evidence-based approaches for introducing and evaluating advanced practice nursing roles*. Inselspital University Hospital. Bern, Switzerland. [workshop].

Donald, F. & Schindel Martin, L. (March 5, 2012). *Integration of nurse practitioners in Canadian long-term care settings: A pan-Canadian study*. Daphne Cockwell School of Nursing Scholarly Research Creative Colloquium. Toronto, Ontario.

Kilpatrick, K. (November 16, 2012). L'infirmière clinicienne spécialisée et l'intégration de toutes les composantes du rôle. la Faculté des sciences infirmières de l'Université Laval. Québec City, Québec.

Kilpatrick, K.. (November 16, 2012). La formation des infirmières cliniciennes spécialisées et l'importance de la composante clinique du rôle d'ICS. Faculté des sciences infirmières de l'Université Laval. Québec City, Québec.

Martin-Misener, R. & Donald, F. (November 13, 2012). *Nurse practitioner education in Canada: National framework of principles and essential components*. Presented for the Canadian Association of Schools of Nursing Council Meeting, Graduate Programs and Nurse Practitioner Educator Forum. Ottawa, Ontario.

2013

Bryant-Lukosius, D. (April 17, 2013). *Evaluating APN roles: Concepts and considerations*. Inselspital *ANP Network*. Bern, Switzerland. [one-day workshop]

Bryant-Lukosius, D. (April 15, 2013). *Evidence-based strategies for introducing APN roles*. APN workshop for the University Hospital. Frieberg, Germany. [one-day workshop]

Bryant-Lukosius, D. (March 7, 2013). Evaluating the impact of APN Roles: Current evidence and future approaches. [Presentation]. Annual Kingston Nursing Research Conference. Kingston, Ontario. [keynote]

2014

Bryant-Lukosius, D. (September 21, 2014). *Evidence based strategies for introducing and evaluating advanced practice nursing roles*. 3rd annual Advanced Practice Nursing Conference, Lucerne Regional Hospital. Lucerne, Switzerland. [keynote]

Bryant-Lukosius, D. (August 18-20, 2014). *The evolution of advanced nursing practice: Experiences and future challenges.* 8th International Council of NP/APN Network Conference. Helsinki, Finland. [keynote]

Bryant-Lukosius, D. (March 7, 2014). *Current evidence and cost effectiveness of APN Roles*. APN Leadership Conference: Leaders in Action, held by the Edmonton Zone Advanced Practice Nursing Advisory Committee. Edmonton, Alberta. [keynote]

Bryant-Lukosius, D. (March 7, 2014). *The impact and evaluation of APN roles*. APN Leadership Conference: Leaders in Action, held by the Edmonton Zone Advanced Practice Nursing Advisory Committee. Edmonton, Alberta. [keynote]

Bryant-Lukosius, D. (December 5, 2014). *Optimizing nurse practitioner (NP) panel size in Ontario primary health care settings: Measurement issues and influencing factors.* Facilitator for workshop at the Provincial Stakeholder Meeting of MOHLTC at Ryerson University. Toronto, Ontario. [workshop].

Bryant-Lukosius, D. (December 8-9, 2014). *Implementation and evaluation of NP roles in cancer care*. B.C. Cancer Agency. Victoria, British Columbia. [two-day workshop]

Donald, F. (June 10, 2014). *Measuring factors that influence NP activities and the implications for optimizing NP patient panel size in primary healthcare settings: An introduction*. Nurse Practitioner Association of Ontario-Nurse Practitioner-Led Clinic Leadership Conference, Toronto, ON.

Donald, F., & Martin-Misener, R. (December 5, 2014). *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare settings*. Presented at the Provincial Key Stakeholders in Primary Health Care Meeting: Optimizing Nurse Practitioner Patient Panel Size in Ontario. Toronto, ON.

Donald, F. (November 7, 2014). *Cost-effectiveness of nurse practitioners and clinical nurse specialists: What is the quality of the evidence?* Nurse Practitioner Association of Ontario Annual Conference. Hamilton, Ontario. [keynote]

Donald, F., Martin-Misener, R., Bryant-Lukosius, D., Rayner, J., Kilpatrick, K., Bourgeault, I., McKinlay, J., & Viscardi, V. (December 5, 2014). *Optimizing NP patient panel size in Ontario primary healthcare: Measurement issues and influencing factors. [Presentation]*. Presented at the Provincial Key Stakeholders in Primary Health Care Meeting. Toronto, ON.

Kilpatrick, K. (October 6, 2014). Le rapport coût-efficacité des infirmières de pratique avancée. Presented to la Faculté des sciences infirmières, Université de Sherbrooke. Montréal, Québec.

Kilpatrick, K. (September 25, 2014). *Que savons-nous du rapport coût-efficacité des rôles d'infirmières de pratique avancée?* Faculté des sciences infirmières, Université de Montréal. Montréal, Québec.

Kilpatrick, K. (June 17, 2014). *Le rapport coût-efficacité des infirmières de pratique avancée*. Vice-décanat à la recherche et au développement international. Université de Montréal. Montréal, Québec, Canada.

Kilpatrick, K. (May 8, 2014). Le rapport coût-efficacité des infirmières praticiennes spécialisées en milieux ambulatoires. Comité directeur sur les activités médicales partageables. Collège des médecins du Québec. Québec, Québec, Canada.

Kilpatrick, K. (March 6, 2014). *Nurse practitioners and clinical nurse specialists in health care teams: How do they influence care?* Presented at the Kingston Nursing Research Conference. Kingston, Ontario.

Martin-Misener, R. (January 23, 2014). *Models of collaborative practice involving nurse practitioners and family physicians in primary health care*. [Presentation]. Nurse Practitioner Continuing Education, College of Registered Nurses of Nova Scotia, Halifax, NS. [telehealth]

2015

Bryant-Lukosius, D. (2015, April 16). *Advanced practice nursing in primary healthcare in Canada*. Presented to the Pan-American Healthcare Organization Summit on Universal Access to Health and Universal Health Coverage: Advanced Practice Nursing, McMaster University. Hamilton, Ontario.

Bryant-Lukosius, D. (2015, June 18). *Evolving roles: Innovation in advanced practice nursing*. Webinar delivered for Cancer Care Ontario, Toronto, Ontario. [Webinar]

De Geest, S. & Bryant-Lukosius, D. (2015, September 4-5). *Advanced nursing practice roles in Switzerland: A proposed framework for evaluation*. Presented to the Advanced Practice Nursing and Advanced Nursing Practice 3rd International Congress, "To be or not to be", Munich, Germany.

Donald, F. (2015, January 13-14). *Mixed methods research strategies in quality improvement:* When, why & how? The role of the advanced practice nurse. University Health Network, Toronto, ON.

Lukewich, J. (2015, October). *Exploring opportunities to measure and optimize nursing contributions within primary care organizations*. Presented to the Bloomberg Emerging Nurse Scholars Forum, Toronto, Ontario.

Martin-Misener, R. (2015, October 30). *Draft entry-to-practice competencies for prescribing controlled drugs and substances for np education*. Presented at the Developing Entry-to-Practice Competencies for Prescribing Controlled drugs and Substances for NP Education: A Stakeholder Feedback and Consensus-Building Forum, Ottawa, Ontario.

Martin-Misener, R. (2015, November 12). *Nurse practitioners and models of care: What is the evidence?* Presented at the Nurse Practitioner Roundtable, Canadian Nurses Association, Ottawa, Ontario.

Martin-Misener, R. (2015, June 13). *Nurse practitioners in Canada: Reflecting on our past to navigate our future*. Presented at the Nurse Practitioner Association of British Columbia Annual Conference, Vancouver, British Columbia.

Martin-Misener, R. (2015, June 12). *Advanced practice nursing and doctoral education*. Presented to the Canadian Doctoral Nursing Conference, University of Regina, Regina, Saskatchewan.

Martin-Misener, R. (May 28, 2015). *Models and innovations in primary health care: What works? In what ways? For whom? and What's next?* Panel presentation at the Annual CAHSPR Conference, Montreal, Quebec. [Panel Presentation].

Rayner, J., Donald, F., Martin-Misener, R., Bryant-Lukosius, D., & Bennewies, N. (2015, February 23). *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare (PHC) settings.*Presented at the Health Research Showcase: Ministry of Health and Long-Term Care, Toronto, Ontario.

2016

Bryant-Lukosius, D. (2016, June 8). *Conducting a needs assessment: An essential strategy for defining and implementing effective APN*. Webinar delivered to the Pan American Health Organization in Washington, D.C. and the WHO Collaborating Centre for Primary Health Care at the School of Nursing, McMaster University, Hamilton, Ontario. [International Webinar]

Bryant-Lukosius, D. (2016, June 7). *Oncology nurses. Leading the way to transform cancer care.* Presented at Cancer Care Ontario, New Models of Ambulatory Cancer Care, Community of Practice, Toronto, ON.

Bryant-Lukosius, D. (2016, May 18). *Introduction to the PEPPA Framework for APN role implementation*. International webinar delivered to the Pan American Health Organization in Washington, D.C. and the WHO Collaborating Centre for Primary Health Care at the School of Nursing, McMaster University, Hamilton, Ontario. [International Webinar]

Bryant-Lukosius, D. (2016, February 7-9). Leveraging advanced practice nursing roles for workforce development in primary health care. Presented at the University of Michigan and Pan American Health Organization Invitational Meeting on Developing Advanced Practice Nursing Competencies in Latin America to Contribute to Universal Health, Ann Arbor, Michigan.

Bryant-Lukosius, D. (2016, February 10). *Specialized and advanced oncology nurses: Leading the way to transform cancer care.* Workshop delivered to the Nursing retreat at the Grand River Regional Cancer Centre, Kitchener, Ontario. [Workshop]

Donald F. (2016, January 29). Facilitators and barriers to NP integration in long-term care and current research. Presented at the Nurse Practitioner Association of Ontario in Partnership with Ontario Long-Term Care Association Conference: Integrating the Attending NP Role in Long-Term Care, Toronto, Ontario.

Donald, F., McAllister, M., & Wilson, M. (2016, April 15). *Ask the expert: NP roles from local, academic, and national nursing perspectives.* Panel presentation at the University Health Network (UHN) 12th City Wide APN/NP Clinical Conference: Clinical Updates, Red Flags, and Key Skills, Toronto, Ontario. [Panel Presentation]

Donald, F., Martin-Misener, R., Rayner, J., Kilpatrick, K., Carter, N., Bryant-Lukosius, D., Bourgeault, I., Akhtar-Danesh, N., Zeigler, E., Bennewies, N., McKinlay, R.J., & Viscardi, V. (2016, June 6). Research update: Factors influencing NP activities & patient panel size in

Ontario. Presented at Nurse Practitioner Association of Ontario-Nurse Practitioner-Led Clinic Leadership Conference, Toronto, ON.

Martin-Misener R. (2016, April 7). *Nurse practitioner Competency development and evolution in Canada*. Presented at the Developing Advanced Practice Nursing Competencies in Latin America to Contribute to Universal Health: PAHO Summit, University of Michigan, Ann Arbor, MI, USA.

Martin-Misener, R. (2016, April 28-29). *Entry-to-practice competencies and indicators for prescribing controlled drugs and substances for NP education*. Presented at the National Stakeholder Forum for Nurse Practitioner Education on Prescribing Controlled Drugs and Substances, Toronto, ON.

Martin-Misener R. (2016, June 29). *Strategies for of APN roles*. International webinar delivered to the Pan American Health Organization in Washington, D.C. and the WHO Collaborating Centre for Primary Health Care at the School of Nursing, McMaster University, Hamilton, ON. [International Webinar]

Pulcini, J. & Donald, F. (2016, July 13). Advanced practice nurse/nurse practitioner education in the United States and Canada. Webinar delivered for the Advanced Practice Nursing: PAHO Activities and Strategy for Development in Latin America - Webinar Series: #6. [International Webinar]

Other KT Activities

2011

Bryant-Lukosius, D. & Green, E. (October 16, 2011). *Measuring advanced practice nursing activity and workload*. Sponsored by the Canadian Centre of Excellence in Oncology Advanced Practice Nursing. [Webinar].

CCAPNR members participated in two deliberative dialogues and provided feedback to two resulting briefs: 1) El-Jardali F, Lavis JN. (July 6, 2011). *Issue Brief: Addressing the Integration of Nurse Practitioners in Primary Healthcare Settings in Canada*. [Forum]. McMaster Health Forum. Hamilton, Ontario, and 2) El-Jardali F, Lavis JN. (July 7, 2011). *Issue Brief: Addressing the Integration of Clinical Nurse Specialists and Nurse Practitioners in Acute Healthcare Settings in Canada*. McMaster Health Forum. Hamilton, Ontario. [Forum].

2012

Bryant-Lukosius, D. *Measuring advanced practice nursing activity and workload*. Presented to Cancer Care Ontario 1) APN Community of Practice Meeting. Toronto, ON. February 22, 2012; and 2) Hamilton Health Sciences APN Group, Hamilton, ON, January 16 and November 21, 2012. [Presentation].

Bryant-Lukosius, D., Kilpatrick, K., DiCenso, A., & Charbonneau-Smith, R. (2012). The *clinical nurse specialist: Getting a good return on healthcare investment*. Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

Bryant-Lukosius, D., Kilpatrick, K., DiCenso, A., & Charbonneau-Smith, R. (2012). L'infirmière clinicienne spécialisée: Obtenir un bon rendement des sommes investies dans les soins de Santé. (Version française). Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

Donald, F. & Martin-Misener, R. (January 26, 2012). *Research update on the integration of nurse practitioners in long-term care in Canada*. Canada-wide and International webinar delivered through the Seniors Health Research Transfer Network: Knowledge Dissemination Speakers Series.

Kilpatrick, K., Bryant-Lukosius, D., DiCenso, A., & Charbonneau-Smith, R. (2012). *The nurse practitioner: A strategy for healthcare system improvement*. Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

Kilpatrick, K., Bryant-Lukosius, D., DiCenso, A., & Charbonneau-Smith, R. (2012). *L'infirmière praticienne : une stratégie pour l'amélioration du système de santé. (Version française).* Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

Martin-Misener, R., Donald, F., Sangster-Gormley, E., & Wickson-Griffiths, A. (April 18, 2012). *Research update: Nurse practitioners working in Canadian long-term care settings*. Evidence Matters: Lunch and Learn Series for the Interior Health Authority, British Columbia. [Webinar]

2013

Martin-Misener, R., Donald, F., Sangster-Gormley, E., & Wickson-Griffiths, A. (April 18, 2013). *Research update: Nurse practitioners working in Canadian long-term care settings*. Evidence Matters: Lunch and Learn Series for the Interior Health Authority, British Columbia. [Webinar]

2014

Donald, F.C., Martin-Misenser, R., Akhtar-Danesh, N., Brazil, K., Bryant-Lukosius, D., DiCenso, A., Carter, N.M. et al. *The integration of nurse practitioners in long-term care in Canada*. Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

2015

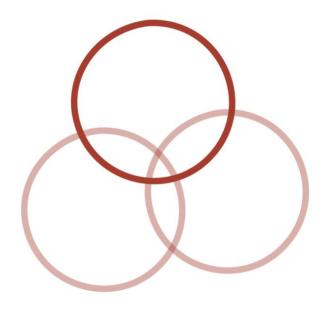
Bryant-Lukosius, D., Cosby, R., Bakker, D., Earle, C., & Burkoski, V. in collaboration with Cancer Care Ontario. *Effective use of advanced practice nurses in the delivery of adult cancer services*. Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

Rayner, J., Bryant-Lukosius, D., Donald, F., Martin-Misener, R., & Bennwies, N. *Measuring factors that influence nurse practitioner (NP) activities and the implications for optimizing NP patient panel size in primary healthcare (PHC) settings*. Policy Brief/ Briefing Note: Canadian Centre for Advanced Practice Nursing Research. Retrieved from http://fhs.mcmaster.ca/ccapnr/policy.html

2016

Donald, F. (Jan 29, 2016). *Integrating the attending NP role in long-term care conference, NPAO, in partnership with the OLTCA, Conference.* Toronto, ON. [Co-Planner and Facilitator for Group Discussions]

Appendix C



Contributions to Graduate Education about APN (beyond expected teaching roles)

2010

Donald, F. (2010). *Advanced practice nursing and primary care reform*. Health Policy Course, Ryerson University. Toronto, Ontario. [Guest Lecture]

Donald, F. (2010). *Advanced practice nursing research and knowledge translation & exchange*. Quantitative Research Course, Ryerson University. Toronto, Ontario. [Guest Lecture]

Donald, F., Baxter, P., Opsteen, J., & McCrady, W. (August 20, 2010). *The graduate student in academic or clinical jeopardy: Supporting the student, preceptor, and university*. Council of Ontario University Programs in Nursing Nurse Practitioner Education Consortium Course Professors, Tutors, and Members of the Curriculum Committee, Thunder Bay, Ontario. [Workshop]

Donald, F. (January, 2012). *Managing disruptive behaviour – In the classroom or on-line*. [Professional development slide-cast with audio component]. Provincial course professors and tutors in the graduate Ontario Primary Health Care Nurse Practitioner Program. Available upon-request through the program website http://www.np-education.ca (password protected). [Webcast]

Martin-Misener, R. (June 18, 2010). *Developing a program of research in health service research on optimization of nurse practitioner roles in primary health care*. Doctoral Seminar course, Dalhousie University School of Nursing, Halifax, Nova Scotia. [Guest Lecture]

2011

Donald, F. (December 2011). *Student in clinical &/or academic peril: Supporting the student, preceptor, tutor, & university.* [Professional development session slide-cast with audio component]. Provincial course professors and tutors in the Ontario Primary Health Care Nurse Practitioner Program. Available upon-request through the program website http://www.np-education.ca (password protected). [Webcast].

Donald, F. (November 10, 2011). *Advanced practice nursing and primary care reform*. Health Policy course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Martin-Misener, R. (June 12, 2012). *Nurse practitioner practice policies and policy problems*. NURS 5200 Health Care System Policy Analysis, Dalhousie University School of Nursing. Halifax, Nova Scotia. [Guest Lecture]

2012

Baxter, P., Donald, F., & Laflamme, C. (January 25, 2012). *Priorities and strategies for primary health care nurse practitioner education in Ontario*. Deans/Directors and Graduate Program, Directors of the Council of Ontario Universities Programs in Nursing, Toronto, ON.

Donald, F. (November 29, 2012). *Advanced practice nursing and primary care reform.* Health Policy Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (November 29, 2012). *Mixed methods research: Advanced practice nursing and primary care.* Qualitative Research, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (2012). *Advanced practice nursing research and knowledge translation & exchange*. Quantitative Research, Ryerson University. Toronto, Ontario. [Guest Lecture]

2013

Bryant-Lukosius, D. & Vataitekunas, D. (2013). *Nursing 617: Philosophy and practice in palliative care*. Oncology Clinical Nurse Specialist Students, University of Calgary at Qatar, Doha, Qatar. [13 week MSc Course in Cancer and Palliative Care]

Bryant-Lukosius, D. (May 30, 2013). *Nursing 617: Philosophy and practice in palliative care*. School of Nursing, University of Calgary at Qatar, Doha, Qatar. [Invited Presentation]

Donald, F. (2013). *Advanced practice nursing and primary care*. Health Policy Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (2013). *Mixed methods research: Advanced practice nursing and primary care*. Qualitative Research course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (2013). *Mixed methods research: Advanced practice nursing and primary care*. Quantitative Research Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Martin-Misener, R., Reid, L., & Lamb, A. (May 21, 2013). *Interprofessional collaboration: The nurse practitioner role*. Residents' Ethics Session in Critical Care, QE II HSC Capital Health, Halifax, Nova Scotia. [Invited Presentation]

Martin-Misener, R. (February, 2013). *Nurse practitioner practice policies and policy problems*. NURS 5200 Health Care System Policy Analysis, Dalhousie University School of Nursing. Halifax, Nova Scotia. [Guest Lecture]

2014

Bryant-Lukosius, D. (October 2014). *Evidence-based strategies for introducing and evaluating advanced practice nursing roles: Principles and Strategies*. Graduate Nursing Course - Introduction to Advanced Practice Nursing, Institute of Nursing Science, University of Basel, Basel, Switzerland. [Guest Lecture]

Bryant-Lukosius, D. (April 29, 2014). *Primary care: The role of the nurse practitioner/clinical nurse specialist*. Drexel University faculty and doctoral nursing students, McMaster Global Health Program, McMaster University. Hamilton, Ontario. [Guest Seminar]

Donald, F. (November 13, 2014). *Advanced practice nursing and primary care reform.* Health Policy Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (2014). *Advanced practice nursing research and knowledge translation & exchange*. Quantitative Research Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

2015

Bryant-Lukosius, D. (Sept. 2015). *Lessons of NP roles in Canada*. Advanced Nurse Practitioner Program, Department of Nursing Science Buskerud and Vestfold University College, Drammen, Norway. [Guest Lecture]

Bryant-Lukosius, D. (April 22, 2015). *Primary healthcare in Canada: The role of the nurse practitioner and clinical nurse specialist.* Faculty and graduate students from the Doctorate of Nursing Practice Program, Drexel University, Hosted by the Global Health Program and School of Nursing, McMaster University. Hamilton, Ontario [Guest Seminar]

Donald, F. (Nov. 19, 2015). *Advanced practice nursing and primary care reform*. Health Policy Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Donald, F. (2015). *Mixed methods research: Advanced practice nursing and primary care*. Qualitative Research Course, Ryerson University. Toronto, Ontario. [Guest Lecture]

Donald, F. (2015). *Advanced practice nursing research and knowledge translation & exchange*. Qualitative Research Course, Ryerson University, Toronto, Ontario. [Guest Lecture]

Sherifali, D. (Jan. – Dec. 2015). *Health Coaching Certificate Program*. Continuing Education Faculty, York University, Toronto, Ontario. [Certificate Program Educator)