

ONRCE

Oncology Nursing Research Centre of Excellence
Princess Margaret Cancer Centre

ONCOLOGY NURSING RESEARCH & SCHOLARSHIP

Accomplishments from 2020 to 2022



This report reflects data (January 2020 – December 2022) that was submitted to the Oncology Nursing Research Centre of Excellence and may not be exhaustive.

PHOTO CREDITS

The Princess Margaret Cancer Foundation, The Princess Margaret Cancer Program, Ramune Luminaire, UHN Visual Services.

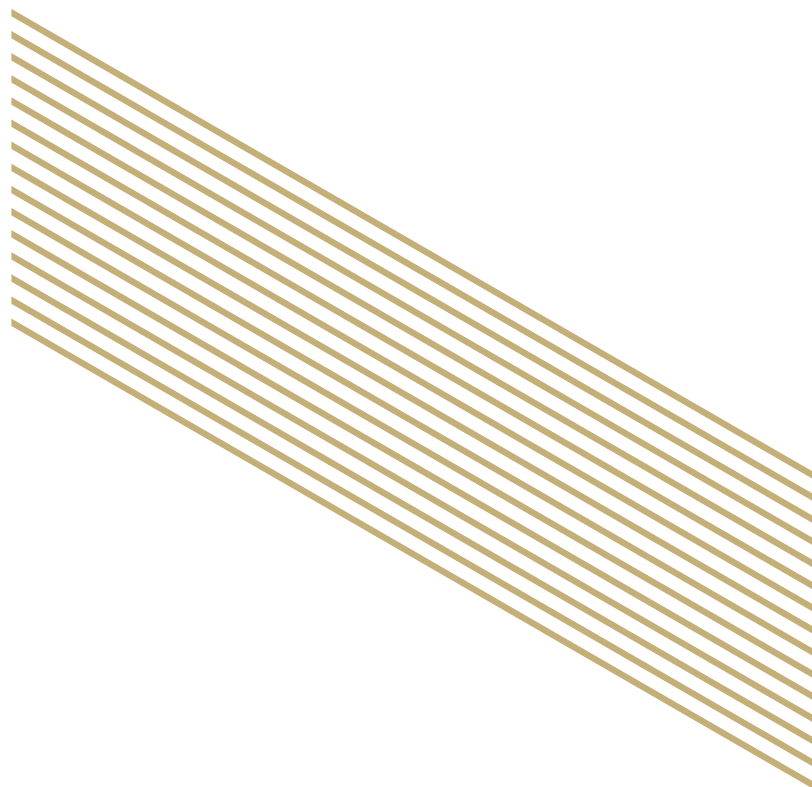




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OVERVIEW OF ONRCE

Our Vision

To improve patient/family outcomes and the experience of living with cancer from diagnosis through treatment and follow-up phases including quality of care for those who face the end-of-life from advanced, progressive disease.

Witness Our Goals

- Advance the development of cancer research and supporting senior and junior nurse scientists in the conduct of rigorous, externally funded cancer nursing research.
- Build capacity in clinical cancer nursing research by supporting the development of advanced nurse researchers (Masters level or completing a Masters) to conduct rigorous practice-based research.
- Improve patient-family outcomes through the integration of research into clinical nursing practice using knowledge translation methodology and evaluation research.

MESSAGE FROM ONCOLOGY NURSING LEADERSHIP



Anet Julius, RN, BScN, MN, CON(C)
Director of Professional Practice



Dr. Samantha Mayo, RN, PhD
RBC Financial Chair in Oncology Nursing
Research

I am eager to share with you the incredible achievements of the oncology nurses at Princess Margaret Cancer Centre over the past few years. In addition to excellence in clinical care, many nurses have made significant academic contributions through publications, presentations, research, quality improvement (QI) initiatives etc. Our oncology nurses are sought after speakers, researchers, leaders and educators. This report is a glimpse into their accomplishments. I hope that this report encourages UHN nurses who specialize in oncology to seek out opportunities to innovate, improve cancer care through research and QI, and contribute to advancing nursing science in Oncology.

It is with great excitement that we are sharing the accomplishments that the nurses in the Oncology Program have made in the areas of research and scholarship. The wide breadth and scope of the accomplishments demonstrate the significance of the contributions that nurses have made towards growing our understanding of the patient experience and how we can improve practice to support the patients, caregivers, families and communities affected by cancer. Through the ONRCE, we look forward to creating new opportunities that will accelerate our ability to advance nursing science in oncology and lead to innovations in nursing care for the patients and communities we serve. Congrats to all who are featured in this report! Looking forward to our future work together.

Share our Focus in Research

- Oncology nursing research ranges from descriptive research to intervention testing to implementation of research findings into practice.
- Oncology nursing research at the Princess Margaret Cancer Centre is embedded within an interprofessional focus on psychosocial and supportive care research across the cancer continuum.
- Oncology nursing research occurs in collaboration with interdisciplinary research team members.

Our Gratitude

The ONRCE expresses its deep gratitude to:

- **Pamela Savage** (Previous Director of Professional Practice) and **Dr. Doris Howell** (previous RBC Chair in Oncology Nursing Research) for their visionary work of the Oncology Nursing Research Centre of Excellence to promote excellence in oncology nursing through scholarship and research.
- The **Princess Margaret Cancer Foundation** for their financial investment. By investing in oncology nursing research and innovation, the Princess Margaret Cancer Foundation will equip nurses to lead ground breaking initiatives that change the landscape and quality of cancer care.

Our Oncology Nursing Research Centre of Excellence Team

- **Anet Julius**, RN, BScN, MN, CON(C), Director of Professional Practice (DPP), Princess Margaret Cancer Centre
- **Dr. Samantha Mayo**, RN, PhD, RBC Financial Group Chair in Oncology Nursing Research, Princess Margaret Cancer Centre and the University of Toronto
- **Lara Cooper**, RN, BScN, MN, Clinical Nurse Specialist, ONRCE, Princess Margaret Cancer Centre
- **Dr. Lindsay Carlsson**, RN, MN, PhD, Clinical Nurse Specialist in the Phase 1 Drug Development Program, Princess Margaret Cancer Centre



Pam Hubley, RN, MSc, FCAN
VP of Health Disciplines & Chief Nursing Executive

I am delighted to see this report that highlights the many wonderful achievements of our oncology colleagues. What a wonderful testament to your dedication and passion to improve care for the patients you serve. It is always inspiring to read about nurses who are leading the way, shining the light on important issues and making a difference for patients and the profession. Thank you for all that you've done and congratulations on your outstanding accomplishments. You make us proud to be nurses at UHN.

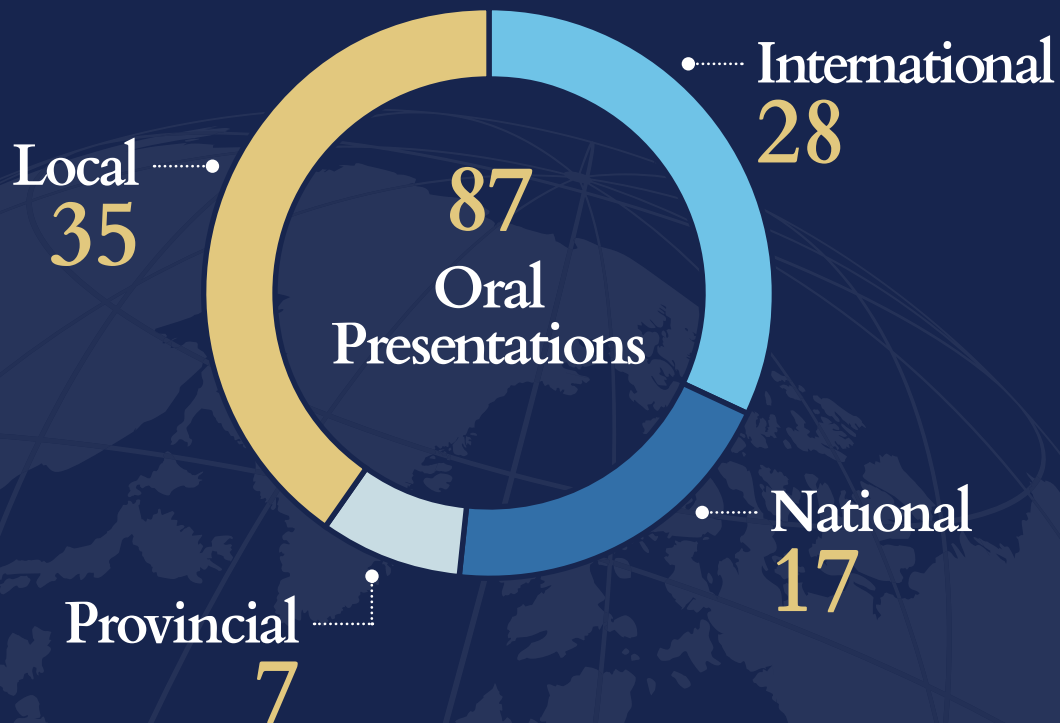


Dr. Keith Stewart, MBA, MB BCh, MD
VP of Cancer at University Health Network &
Director of the Princess Margaret Cancer Program

I would like to extend my congratulations to the oncology nurses at Princess Margaret for their incredible achievements in research and innovation. Despite the many challenges faced in the past few years, oncology nurses were not only at the forefront of maintaining excellent care for people affected by cancer but were also making important contributions to generating new knowledge and practices. The many publications, presentations, and leadership roles highlighted in this report reflect the wide reach and potential impact of the work led by oncology nurses at UHN that will make a difference for patients, families, and colleagues.

ACHIEVEMENTS AT A GLANCE

JANUARY 2020 – DECEMBER 2022



131

Conference
Abstracts



30

Grants



140

Publications



37

Awards

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INNOVATIVE ADVANCED PRACTICE NURSING ROLES



Dr. Lindsay Carlsson, RN, MN, PhD
Clinical Nurse Specialist, Phase 1 Clinical Trials Program

Lindsay is leading a nurse navigator virtual care project aimed at improving the access of Ontario cancer patients to clinical trials and genomic profiling opportunities at PM. Lindsay completed her PhD at the Lawrence S. Bloomberg Faculty of Nursing at the University of Toronto. Her thesis project is focused on evaluating the impact of multi-gene panel testing on the psychological functioning and clinical decision-making of women at high risk for hereditary breast and ovarian cancer. Her program of research is focused on evaluating the impact of cancer genomic technologies on patients and families. She is also dedicated to advancing nursing practice in the area of genetics and genomics and co-leads the Canadian Nursing Genomics initiative.



Yehudis Stokes RN, MScN, PhD(C)
Clinical Nurse Specialist, Psychosocial Oncology

Yehudis is uniquely positioned to play an integral role in the advancement of trauma informed care for individuals with severe mental illness and cancer. Given that this population disproportionately experiences vast inequities when engaging in cancer care, Yehudis's position will address these gaps in care through her clinical expertise, systems leadership, and through research and evaluation. As a trained art therapist, and holding expertise in dialectical behaviour therapy and neurosequential model of therapeutics, she brings a breadth of knowledge aimed at fostering healthcare that offers a sense of safety for both individuals with severe mental illnesses, and oncology providers.



Katie McNamara RN, MN-NP
Nurse Practitioner, Allogenic Bone Marrow Transplant At Home Program

The Allogeneic Blood and Marrow Transplant (BMT) team launched the ALLO@Home Program in 2021, the first of its kind in Canada. Since joining the transplant team, Katie has taken on a leadership role and has been instrumental in advancing this novel approach to stem cell transplant. Among a great number of responsibilities, Katie and the allogeneic BMT nurse practitioners (NP) evaluate patients' physiological and psychological responses to treatment, support clients and their caregivers, review and modify the home treatment plan, and recognize and respond to emergent needs that require inpatient monitoring. Katie and her allogeneic BMT NP colleagues are strong advocates of the Allo@Home philosophy, as it promotes patient safety and autonomy in their post-transplant recovery at home. It also leads to improved sleep, nutrition, physical activity and overall well-being for patients and their caregivers.



Jessica Pilkington, RN, MN-NP
Nurse Practitioner, Bone Marrow Biopsy/Aspiration under Procedural Sedation Program

As the first NP-lead Bone Marrow Biopsy/Aspiration (BMBA) under Procedural Sedation Program in Canada, Jessica and the BMBA team have been successful in enhancing benign and malignant hematology patients experiences and comfort. With the increasingly large volumes of referrals, Jessica plays a vital role in consulting with the interprofessional team, triaging requests, prescribing sedation, and performing the BMBA with the support of a Malignant Hematology Registered Nurse. The Post Anesthesia Care Unit (PACU) Registered Nursing team takes a pivotal position in administering sedation, monitoring patients for side effects, and ensuring patient safety. Jessica describes the most rewarding part of her role as “hearing the positive feedback from patients about their experience”.



Nazlin Jivraj, RN, BScN, MN, CON(C)
Clinical Nurse Specialist, Gynecological Medical Oncology Program

As a Clinical Nurse Specialist, Nazlin Jivraj’s role focuses on optimization of patient care, interprofessional coordination, research and innovation. These components of her role include patient assessment, implementing interventions (Pre-Hab), health innovation applications (e.g., mHealth apps) to improve patient outcomes. Nazlin’s infectious passion for gynecology oncology patients has led to various novel approaches in direct patient care, and bolstering patient and staff educational resources, such as the internationally known malignant bowel obstruction program.



Argin Malakian, RN, BScN, MN, PhD Student
Clinical Nurse Specialist, Department of Supportive Care

Argin provides psychotherapy to oncology patients and their caregivers in his role as a Clinical Nurse Specialist. He practices from a patient centered perspective utilizing empathic attunement to connect with patients. Through this practice he enables clients to process their affect, regulate affect when necessary, and express both their practice and profound needs. Foundational to his practice with each patient, he provides them with a caring, safe, judgement free, and curious space to interact and relate. Argin strives to improve his practice by remaining engaged with the academic, clinical and research aspects of psychotherapy.



Lara Cooper, RN, BSc, MN
Clinical Nurse Specialist, Oncology Nursing Research Centre of Excellence

Lara acts as a facilitator to build the infrastructure to support the research processes of oncology nurses at Princess Margaret. Her nursing and neuropsychology research background, as well as her clinical experience equip her to lead the implementation of this inaugural role. Some of the vital responsibilities of this position include: coordinating strategic projects, project planning, as well as reporting and evaluating activities of the Centre. Other initial projects include developing educational sessions for nurses, and a local needs assessment to determine context-specific gaps that the ONRCE may address. Coupling these initiatives with building partnerships, she will lead efforts that build capacity in nurses’ research endeavors, and foster a supportive nursing research community that is driven by curiosity and a spirit of inquiry.

A SPOTLIGHT ON ONCOLOGY NURSE LED RESEARCH

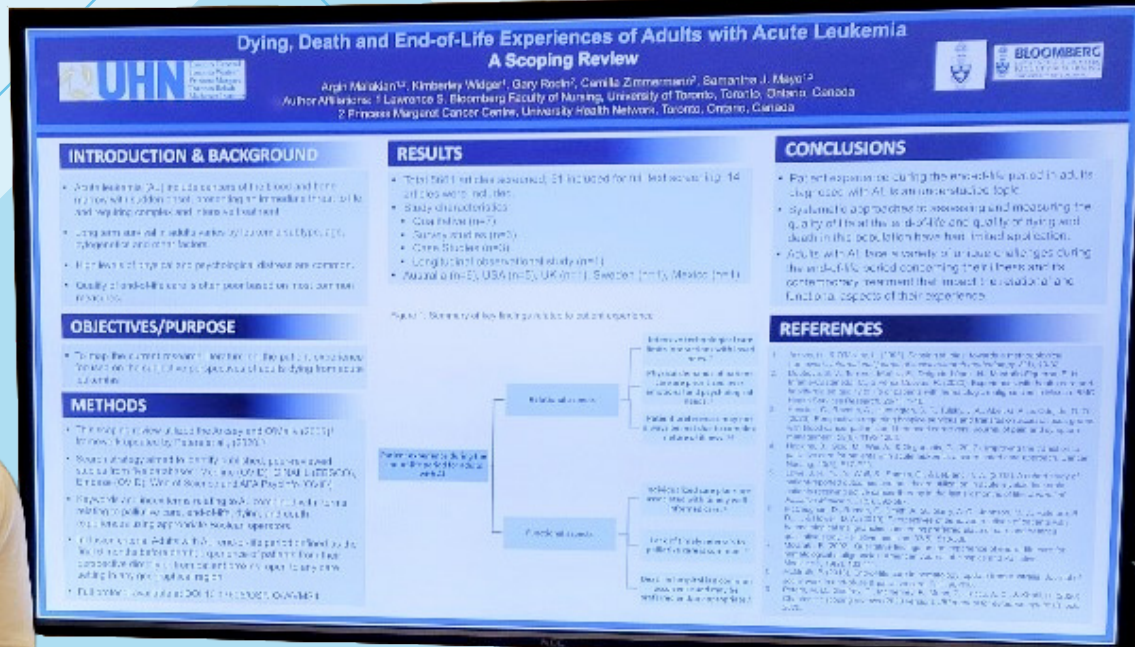
Dr. Rana Jin, RN, MSN, DNP, CON(C)
Clinical Nurse Specialist, Older Adults with Cancer Clinic



Rana's contributions to the geriatric oncology population have significantly improved their quality of life and health related outcomes. Her recent quality improvement project found that when registered nurses made proactive phone calls to older adults with cancer seven to fourteen days after systemic therapy, it reduced unplanned healthcare visits. Published in the Journal of Geriatrics Oncology, the results from this project also found that proactive phone calls enhanced patient's autonomy, decrease side effects, and prevent delays to vital treatment. Rana's leadership in geriatric oncology nursing research is unmatched, and illustrates her commitment to her colleagues in the Older Adults with Cancer Clinic and this unique population.

Argin Malakian RN, BScN, MN, PhD Student
Clinical Nurse Specialist, Department of Supportive Care

Argin's published groundbreaking scoping review explored the literature on psychotherapeutic interventions among adults with advanced cancer and nurses' role in brief psychotherapies. Overall, he found that there was a paucity in nursing research that focused on psychotherapy for adults with advanced cancer. Given the acceptability and feasibility of nurses delivering psychotherapy, and integrating these methods into their daily practice, there is an array of possibilities worth examining. To complement this recent work, Argin also presented another scoping review where he explored the dying, death and end-of-life experiences of adults with acute leukemia. In his PhD studies, he will continue to develop this knowledge base in an effort to support critical changes in nursing education, practice policy, and research.



Suzanne Rowland RN, BScN, MN-NP Nurse Practitioner, Multiple Myeloma Program



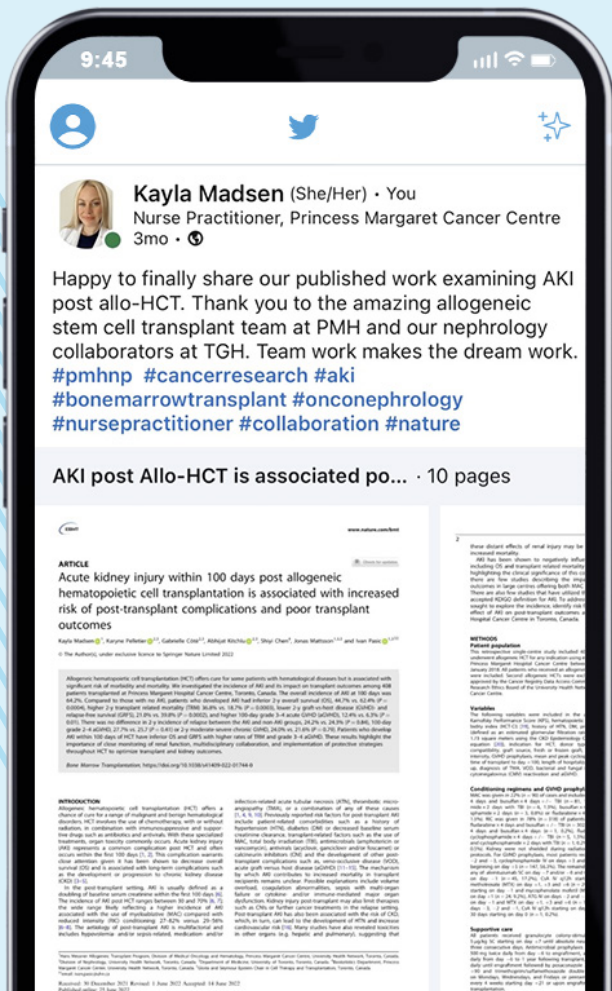
Suzanne's passion and dedication to the autogenic transplant population has led to extraordinary efforts that enhance their patient experience. Her study, currently being reviewed by the Canadian Oncology Nursing Journal, focused on building knowledge about the psychosocial needs of individuals with multiple myeloma. She found that patients needed information about expectations of their illness trajectory, perceived changes between their relationships with their partners, and the need to protect their loved ones from distress. These results make a significant contribution to the multiple myeloma community by providing timely information on their instrumental needs, psychosocial support, and psychoeducational resources.

Kayla Madsen, RN, BScN, MN-NP Nurse Practitioner, Messner Allogeneic Transplant Program



Kayla has always been drawn to the complexity of allogeneic stem cell transplants. Her recent published paper highlights how individuals who experience acute kidney injury within the first 100 days of transplant are more likely to develop inferior outcomes, such as reduced survival and a higher rate of mortality. Not only does her work better inform clinicians and identify contributing causes, it will also improve patient survival outcomes, reduce complications, and mortality rates among this population.

As a first author in this paper, Kayla shares "I hope that I can inspire other nurses to pursue this type of research. I want nurses to know that there is a space for us and the knowledge and skills we carry are invaluable."



I hope that I can inspire other nurses to pursue this type of research. I want nurses to know that there is a space for us and the knowledge and skills we carry are invaluable.

A SPOTLIGHT ON INNOVATIONS IN EDUCATION

Shari Moura, RN, BScN, MN, CON(C), CHPCN(C) Clinical Nurse Specialist, Pancreatic Cancer Program



Over the years, Shari has been a leader in supporting pancreatic cancer patients. Her most recent innovation includes the launch of her interprofessional NUANCE trial, which aims to target nutrition in this population. Using a comprehensive nutritional assessment tool and clinical psychoeducational program, they will evaluate nutrition, body weight and bowel patterns, with the goal of improving patient-reported outcomes. Shari and her team aim to bolster the existing evidence that timely nutritional support can improve the performance status and survival of individuals with pancreatic ductal adenocarcinoma.

Nazlin Jivraj, RN, BScN, MN, CON(C) Clinical Nurse Specialist, Gynecological Medical Oncology Program

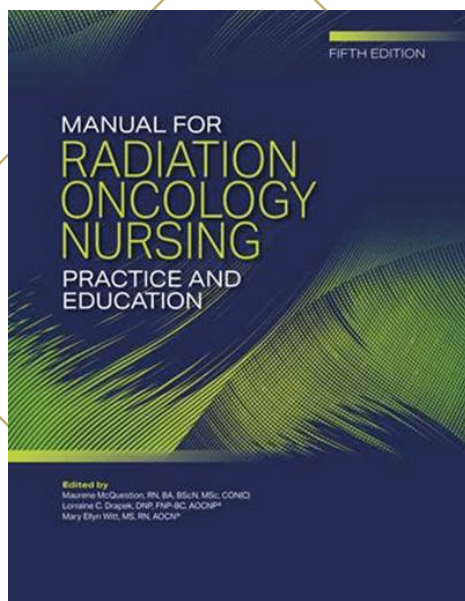


Nazlin's inventive approach meets the needs of 2LGBTQAI+ oncology patients. During her 90/10 Professional Development Project Grant, she aimed to understand healthcare professionals (HCPs) knowledge, attitudes, practice behaviours and educational interests when caring for this population. She found that HCPs reported a lack of knowledge on the healthcare needs of these individuals. One HCP shared, "...my lack of knowledge of issues impacting care for LGBTQ2+ makes me feel worried about not providing the best care."

Nazlin and the Sexual and Gender Diversity in Cancer Care (SGDc) Committee are working towards implementing educational resources for staff and patients, as well as enhanced patients' and family members' access to essential services. She recently presented her work at the Canadian Association of Radiation Oncology (CARO) and Canadian Association of Nurses in Oncology (CANO) conferences and is pending publication in the Journal of Cancer Education.

Maurene McQuestion, RN, MSc, CON(C), Laura Mitchell, RN, MN, CON(C), Anet Julius, RN, MN, CON(C), Shannon Nixon, RN(EC), MN, Dr. Martine Puts, RN, PhD; Dr. Rana Jin RN, CON(C), DNP, Marcia Flynn-Post, RN, MHST, CON(C)

We would like to highlight the contributions of TeamUHN to the Oncology Nursing Society's Manual for Radiation Oncology Nursing: Practice and Education, 5th edition, 2021. Under the leadership of Maurene McQuestion (former CNS of Head & Neck) as one of the lead editors, a team of Princess Margaret clinicians contributed as authors for multiple chapters in the 5th edition of the manual. The inter-professional team was vital in this process, and includes dietitians, nurses, psychiatrists, as well as geriatric medicine, CCRU, and radiation therapy team members.





Jocelyn Brown RN, BA, BScN, MN
Clinical Nurse Specialist, Pain & Palliative Care
and UHN Cancer Pain Clinic

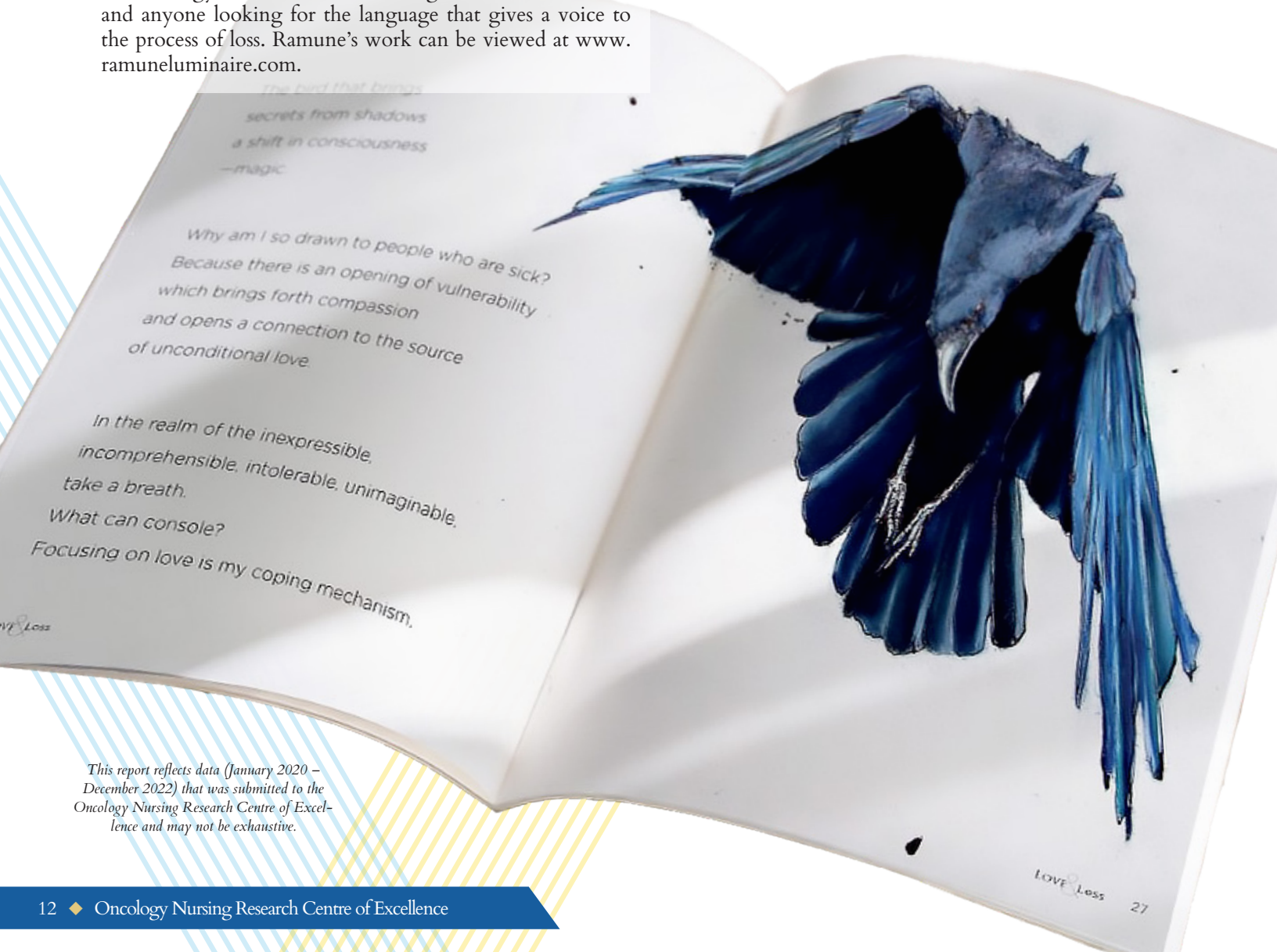
Jocelyn's gift of writing took flight in her recent collaboration with artist Ramune Luminaire in their published book, *Love & Loss*. Jocelyn describes the book as "...a guide for how we talk about dying, death, loss, grief, hope and finding one's way."

Jocelyn's captivating writing is complemented by Ramune's radiant images. Readers are invited to consider their own vulnerability and how engaging with it creates the possibility of change and healing. Jocelyn's riveting work holds space for oncology nurses, individuals living with terminal cancer, and anyone looking for the language that gives a voice to the process of loss. Ramune's work can be viewed at www.ramuneluminaire.com.

“

It is a guide for how we talk about dying, death, loss, grief, hope and finding one's way.

”



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A SPOTLIGHT ON LEADERSHIP ROLES OF ONCOLOGY NURSES

Dr. Samantha Mayo, RN, PhD
RBC Financial Chair in Oncology Nursing Research



Samantha holds the RBC Financial Group Chair in Oncology Nursing Research at the Princess Margaret Cancer Centre/University of Toronto and is an Associate Professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto. National leadership roles include Scientific Panel Chair of the Canadian Association of Nurses in Oncology (CANO) Research Awards, and membership on the Medical and Scientific Advisory Committee of the Leukemia and Lymphoma Society of Canada. International leadership roles include Co-Chair of the Non-Pharmacological Interventions subgroup of the Multi-national Association of Supportive Care in Cancer (MASCC), Neurological Complications Study Group and Deputy Editor of the MASCC journal, Supportive Care in Cancer.

Dr. Lindsay Carlsson, RN, MN, PhD
Clinical Nurse Specialist in the Phase 1 Drug Development Program



Lindsay is the Co-Leader of the Canadian Nursing and Genomics (CNG) initiative, which is focused on supporting and equipping Canadian nurses to respond to advances in genomics and the emergence of precision health. The CNG developed a national engagement framework, which identified six key priorities for action and leadership strategies to accelerate and sustain the nurses' engagement with genomics. The CNG is currently engaged in several research and educational activities, including launching a national study to benchmark Canadian nurses' current attitudes, competency, and knowledge levels related to genomics.

Dr. Doris Howell, RN, PhD



As an Emeritus Scientist at Princess Margaret Cancer Centre, Doris leads an internationally recognized program of clinical and implementation science research that focuses on reducing cancer treatment morbidity through personalized patient support, patient activation in self-management of symptoms and health, and health service delivery interventions. In 2020, Dr. Howell received Lifetime Achievement Awards from both the Canadian Association of Nurses in Oncology and the Canadian Association of Psychosocial Oncology. In 2022, Dr. Howell received the Sigma Theta Tau International Researcher Hall of Fame award. Dr. Howell is currently an editor for the journals *Cancers* and *Current Oncology*, and the Vice-President of the Canadian Association of Psychosocial Oncology.



Dr. Rana Jin
RN, MSN, DNP, CON(C)

Rana is the Chair of Recognition of Excellence at CANO.



Samantha Scime
RN, MN

Samantha was the Director at Large of Professional Practice of CANO from October 2019 – October 2022.



Simonne Simon
RN, MN, CON(C)

Simonne is a Board Member and the Secretary-Treasurer of CANO.



Dr. Martine Puts
RN, PhD

Martine is a Fellow of the American Academy of Nursing (FAAN) and was the Director of the Master of Nursing Program at the University of Toronto from 2018 – 2020.

LEADERSHIP

EXCELLENCE IN AWARDS & ACHIEVEMENTS



Gabrielle Eekhoff, BScN, RN
Allogenic Bone Marrow
Transplant Unit
2022 Rising Star Oncology Nursing Award



Mehr Gilani, BSc, RN
GIM/Medical Oncology
2022 90/10 Professional Development
Project Award



Calvin Chow, BScN, RN
Inpatient Palliative Care
2022 Michael Kamin Hart Award



Bernadette Southwood, RN
2022 Award of Excellence in Nursing Preceptor-
ship, Mentorship, and Teaching



Suzanne Rowland RN, BScN, MN-NP
2022 Gerald Kirsh Humanitarian Award



Dr. Rana Jin, RN, MSN, DNP
2022 Rose Dean Essence of Oncology Nursing



Claire Kelly, BScN, RN
Ambulatory Clinic - Wharton Head & Neck Clinic
 2022 Pamela Savage Collaborative Academic Practice (CAP) Fellowship



Susie Monginot, RN, BScN, MN, CON(C)
 2022 CANO-Pfizer Award of Excellence in Nursing Education



Robert Jr. Edralin, RN, MN
Clinical Nurse Specialist and Program Coordinator for Medical Assistance in Dying (MAID)
 2022 Thomas J. Bell Scholarship for Nurses



Nazlin Jivraj, BScN, MN, CON(C)
 2022 CANO-Pfizer Award of Excellence in Nursing Clinical Practice



Kelly McGuigan, RN, BScN, MN, CON(C)
CHPCN(C)
Clinical Nurse Specialist in Palliative Care
 2022 Rose Dean Essence of Oncology Nursing Award

2020

- **Robert Edralin:** Thomas J. Bell Scholarship for Nurses Demonstrating Excellence in Palliative/End-of-life Care, UHN.
- **Doris Howell:** Lifetime Achievement Award, Canadian Association of Psychosocial Oncology.
- **Doris Howell:** Lifetime Achievement Award, Canadian Association of Nurses in Oncology.
- **Nazlin Jivraj:** 90/10 Professional Development Project Award, Princess Margaret Cancer Centre.
- **Samantha Mayo:** Graduate Teaching Excellence Award (Peer Nominated), Lawrence Bloomberg Faculty of Nursing.
- **Patricia Murphy-Kane:** Princess Margaret Excellence in Oncology Nursing Award for Teaching/Preceptorship/Mentorship, Princess Margaret Cancer Centre.
- **Laura Olmi:** First Place for Clinical Poster Presentation, CANO.

2021

- **Lindsay Carlsson:** Clinical Lectureship Award – Oral Presentation for project titled “Canadian Nursing and Genomics: An Engagement Initiative”, CANO.
- **Meaghan Fleck:** Rising Star Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Jennifer Harris:** Michael Kamin Hart Award, Princess Margaret Cancer Centre.
- **Doris Howell:** Outstanding Paper of the Year (Nominated), International Society of Quality of Life Conference.
- **Mark Jasinski:** Rising Star Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Carmen Jones:** 90/10 Professional Development Project Award, Princess Margaret Cancer Centre.
- **Claire Kelly:** Award of Excellence in Nursing Preceptorship, Mentorship, and Teaching, Princess Margaret Cancer Centre.
- **Samantha Mayo:** Betty Burcher Mentoring Award (Peer Nominated), Lawrence Bloomberg Faculty of Nursing.
- **Shari Moura:** Award for Best Manuscript at CONJ for manuscript titled “Optimizing Nutrition In Patients With Pancreatic Cancer (NUANCE-PANCREAS)”.
- **Laura Olmi:** First Place for Clinical Poster Presentation, CANO.
- **Martine Puts:** Leadership Award in Nursing Research, Registered Nurses Association of Ontario (RNAO).
- **Martine Puts:** Sigma Theta Tau International, Lambda Pi-At-Large Chapter Dorothy M. Pringle Award for Excellence in Research, Sigma Theta Tau International.
- **Martine Puts:** Mid-Career Investigator Prize in Research in Aging (CAD \$50,000), Canadian Institutes of Health Research (CIHR) Institute of Aging.
- **Sabeena Santhirakumaran:** Award of Excellence in Nursing Preceptorship, Mentorship, and Teaching, Princess Margaret Cancer Centre.
- **Samantha Scime:** Outstanding Contribution to Cancer Education Award.
- **Nicole Sommerville:** Rose Dean Essence of Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Carolyn Wong:** Gerald Kirsh Humanitarian Award, Princess Margaret Cancer Centre.



2022

- **Calvin Chow:** Michael Kamin Hart Award Recipient, Princess Margaret Cancer Centre.
- **Doris Howell:** International Researcher Hall of Fame–Sigma Theta Tau, Sigma Theta Tau Conference.
- **Gabrielle Eekhoff:** Rising Star Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Mehr Gilani:** 90/10 Professional Development Project Award, Princess Margaret Cancer Centre.
- **Rana Jin:** Rose Dean Essence of Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Rana Jin:** Nursing Hero Award, Princess Margaret Cancer Centre.
- **Nazlin Jivraj:** CANO Pfizer Awards of Excellence, CANO.
- **Claire Kelly:** Pamela Savage CAP Fellowship, Princess Margaret Cancer Centre.
- **Argin Malakian:** Nursing Scholarship, CANO. Award assisting with a mixed methods study to understand the experience of end-of-life care in the context of acute leukemia.
- **Kelly McGuigan:** Rose Dean Essence of Oncology Nursing Award, Princess Margaret Cancer Centre.
- **Susie Monginot:** CANO/ACIO–Pfizer Award of Excellence in Nursing Education, CANO.
- **Suzanne Rowland:** Gerald Kirsh Humanitarian Award, Princess Margaret Cancer Centre.
- **Bernadette Southwood:** Award of Excellence in Nursing Preceptorship, Mentorship, and Teaching, Princess Margaret Cancer Centre.



EXCELLENCE

PUBLICATIONS & GRANTS

Peer-Reviewed Publications

2020

- Limoges, J. & **Carlsson L.** (2020). Nurses poised to play key role in advancing precision care through genetics and genomics. *Canadian Nurse* (Commentary).
- Mighton, C., **Carlsson L.**, Clausen, M., Casalino, S., Shickh, S., McCuaig, L., Joshi, E., Panchal, S., Semotiuk, K., Ott, K., Elser, C., Eisen, A., Kim, R.H., Lerner-Ellis, J., Carroll, J.C., Glogowski, E., Schrader, K., Bombard, Y., & Incidental Genomics Study Team (2020). Quality of life drives patients' preferences for secondary findings from genomic sequencing. *European Journal of Human Genetics*, 28(9), 1178–1186. DOI: 10.1038/s41431-020-0640-x.
- **Evans, Z., Madsen, K.**, Lee, K., Trinh, G., Chen, P. (2020). Role of the Allogeneic Transplant Nurse Practitioner. *Current Oncology*.
- Sung, J.H., Brown, M.C., Perez-Cosio, A., Pratt, L., Houad, J., Liang, M., Gill, G., Moradian, S., Liu, G., & **Howell D.** (2020). Acceptability and accuracy of patient-reported outcome measures (PROMs) for surveillance of breathlessness in routine lung cancer care: A mixed-method study. *Lung Cancer* (Amsterdam, Netherlands), 147, 1–11. DOI: 10.1016/j.lungcan.2020.06.028.
- **Howell D.**, Rosberger, Z., Mayer, C., Faria, R., Hamel, M., Snider, A., Lukosius, D.B., Montgomery, N., Mozuraitis, M., Li, M., & iPEHOC Collaborative Team (2020). Personalized symptom management: a quality improvement collaborative for implementation of patient reported outcomes (PROs) in 'real-world' oncology multisite practices. *Journal of Patient-Reported Outcomes*, 4(1), 47. DOI: 10.1186/s41687-020-00212-x.
- Chan, R.J., Mayer, D.K., Koczwara, B., Loerzel, V., Charalambous, A., Agbejule, O.A., & **Howell D.** (2020). Building Capacity in Cancer Nurses to Deliver Self-management Support: A Call for Action Paper. *Cancer Nursing*, 43(5), 341–342. DOI: 10.1097/NCC.0000000000000855.
- Moradian, S., Krzyzanowska, M., Maguire, R., Kukreti, V., Amir, E., Morita, P.P., Liu, G., & **Howell D.** (2020). Feasibility randomised controlled trial of remote symptom chemotherapy toxicity monitoring using the Canadian adapted Advanced Symptom Management System (ASyMS-Can): a study protocol. *BMJ Open*, 10(6), e035648. DOI: 10.1136/bmjopen-2019-035648.
- **Howell D.** (2021). Survivorship care plans have minimal impact on health actions. *Evidence-Based Nursing*, 24(2), 60. DOI: 10.1136/ebnurs-2019-103205.
- **Howell D.**, Li, M., Sutradhar, R., Gu, S., Iqbal, J., O'Brien, M.A., Seow, H., Dudgeon, D., Atzema, C., Earle, C.C., DeAngelis, C., Sussman, J., & Barbera, L. (2020). Integration of patient-reported outcomes (PROs) for personalized symptom management in "real-world" oncology practices: a population-based cohort comparison study of impact on healthcare utilization. *Supportive Care in Cancer*, 28(10), 4933–4942. DOI: 10.1007/s00520-020-05313-3.
- Wang, X., **Howell D.**, Tang, L., Shao, J., & Ye, Z. (2020). Comparative study on prevalence of metabolic syndrome based on three criteria among adults in Zhejiang province, China: an observational study. *BMJ Open*, 10(4), e035216. DOI: 10.1136/bmjopen-2019-035216.
- Budhwani, S., Moineddin, R., Wodchis, W.P., Zimmermann, C., & **Howell D.** (2020). Do Longitudinally Collected Symptom Scores Predict Time to Death in Advanced Breast Cancer: A Joint Modeling Analysis. *Journal of Pain and Symptom Management*, 59(5), 1009–1018. DOI: 10.1016/j.jpainsymman.2019.12.006.
- Wu, F., **Howell D.**, Fang, Q., Chen, J., & Yuan, C. (2020). Trajectory Patterns and Factors Influencing Self-management Behaviors in Chinese Patients With Breast Cancer. *Cancer Nursing*, 43(2), E105–E112. DOI: 10.1097/NCC.0000000000000681.

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Peer-Reviewed Grants

2020

- **Doris Howell:** Funding from Canadian Cancer Society / Canadian Institute of Health Research for study titled: *Preparing to Survive: Improving Outcomes for Young Woman with Breast Cancer*. Amount: \$1,153,000 (Co-Investigator)
- **Doris Howell:** Funding from Canadian Cancer Society / Canadian Institute of Health Research for study titled: *Virtualizing Survivorship: Implementing a timelier and more comprehensive model of follow-up care*. Amount: \$2,000,000 (Co-Investigator)
- **Doris Howell:** Funding from CCS/CIHR Survivorship Team Grant for study titled: *Canadian Cancer Rehabilitation (CanRehab) Team: Improving the systematic identification, management, and treatment of the adverse effects of cancer*. Amount: \$2,498,056 (Co-Investigator)
- **Samantha Mayo & Doris Howell:** Funding from Leukemia and Lymphoma Society of Canada for study titled: *Virtual Blood Cancer Navigation (VBCN)*. Amount: \$135,000 (Principal Investigator)

2021

- **Lindsay Carlsson:** Funding from MSH-UHN AMO Innovation Fund for study titled *VIRTUal clinical trials navigation to improve Outcomes for advanced Solid tumor patients treated at community cancer hospitals in Ontario (VIRTUOSO)*. Amount: \$144,527.54 (Nurse Navigator and Collaborator)
- **Doris Howell:** Funding from NIH RO1 for study titled: *Hybrid Implementation-Effectiveness Trial of Remote Monitoring and Real-Time Symptom Management*. Amount: \$3,113,004 USD + 9,180 USD (Co-Investigator)
- **Doris Howell:** Funding from CAN-IMPACT Grant Funded by CIHR for study titled: *Risk-Based Survivorship Follow-up Care*. Principal Investigator: Robin Urquhart. Amount: \$200,000 (Co-Investigator)
- **Doris Howell:** Funding from Oncology Nursing Society RE03 for study titled: *Designing a Tailored Self-Management App to Support Older Adults with Cancer and Multimorbidity*. Amount: \$50,000 USD (Co-Investigator)
- **Samantha Mayo:** Funding from Canadian Institutes of Health Research for study titled: *Trajectories of Psychosocial and Functional Outcomes among Non-Hodgkin Lymphoma Survivors*. Amount: \$260,100 (Principal Investigator)
- **Samantha Mayo:** Funding from Adam Coules Research Grant, Gerry and Nancy Pencer Brain Tumor Centre, Princess Margaret Cancer Centre for study titled: *Improving Access to Neurocognitive Assessment: Feasibility, Acceptability and Validity of the Amsterdam Cognitive Screen for Brain Tumor Patients*. Amount: \$50,000 (Co-Principal Investigator)
- **Samantha Mayo:** Funding from Insight Grant, Social Science and Humanities Research Council for study titled *Exploring Informal Caregivers' Appraisal of their Role and Mechanisms Influencing Resilience*. Amount: \$49,259 (Principal Investigator)
- **Martine Puts:** Funding from ONS Foundation Grant for study titled: *Designing a Tailored Self-Management App to Support Older Adults with Cancer and Multimorbidity*. Amount: \$50,000 USD (Co-Investigator)
- **Martine Puts:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *A mixed methods study to evaluate functional recovery, care needs, and caregiver needs in older adults undergoing surgery: The Frail sub-study of the Fit After Surgery study*. Amount: \$424,575 (Principal Investigator)
- **Martine Puts:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *FAST Walk (Functional Assessment for Surgery by a Timed Walk) Study: A Multicenter Prospective Cohort Study of the Six-Minute Walk Test For Improving Preoperative Risk Stratification for Major Non-Cardiac Surgery*. Amount: \$526,914 (Co-Investigator)

2022

- **Lindsay Carlsson:** Funding from Pfizer Quality Improvement Grant for study titled: *VIRTUal clinical trials navigation to improve Outcomes for advanced Solid tumor patients treated at community cancer hospitals in Ontario (VIRTUOSO)*. Amount: \$95,480 (Nurse Navigator and Collaborator)
- **Lindsay Carlsson:** Funding from Memorial University Public Engagement Accelerator Fund for study titled: *Developing Networks and an Engagement Framework to Advance Genetics and Genomics Nursing Practice in Canada*. Amount: \$10,000 (Collaborator)
- **Doris Howell:** Funding from Canadian Health Research Institute for study titled: *Re-imaging psychosocial oncology: embracing voices from around the world*. Amount: \$10,000 (Co-Investigator)
- **Samantha Mayo:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *Stepped Care to Enhance Quality of Life in Advanced Cancer: An Interprofessional Approach to Alleviating Cancer-related Cognitive Impairment for Adults with Brain Metastases*. Amount: \$352,124 (Principal Investigator)
- **Samantha Mayo:** Funding from Leukemia & Lymphoma Society of Canada/Canadian Cancer Society – Blood Cancer Quality of Life Grant Program for study titled: *Quality of Life after Treatment for Relapsed and Refractory B-Cell*. Amount: \$150,000 (Principal Investigator)
- **Samantha Mayo:** Funding from Princess Margaret Internal Grant Review Incentive Program for study titled: *Stepped Care to Enhance Quality of Life in Advanced Cancer: An Interprofessional Approach to Alleviating Cancer-related Cognitive Impairment for Adults with Brain Metastases*. Amount: \$100,000 (Principal Investigator)
- **Samantha Mayo:** Funding from Leukemia & Lymphoma Society of Canada/Canadian Cancer Society – Blood Cancer Quality of Life Grant Program for study titled: *ImPROve quality of life after blood cancer: predict and act on SLEEP*. Amount: \$150,000 (Co-Investigator)
- **Samantha Mayo:** Funding from University of Toronto and University College London Strategic Fund/Strategic Funding Initiative for study titled: *Team Up 2.0: A multi-site approach to improving body image of teenage and young adult survivors of cancer in the United Kingdom and Canada*. Amount: £10,000 + \$15,000 CAD (Co-Investigator)
- **Martine Puts:** Funding from Princess Margaret Cancer Centre Catalyst Grants/Invest in Research Grants for study titled: *Comprehensive Health Assessment for My cancer treatment Plan: Field Validation of a geriatric assessment tool for cancer patients (CHAMP-F)*. Amount: \$100,000 (Co-Principal Investigator)
- **Martine Puts:** Funding from Health Equity Grand Challenge, Princess Margaret Cancer Centre Foundation for study titled: *NUANCE: iNeqUity in AgiNg and CancEr*. Amount: \$215,000 (Co-Principal Investigator)
- **Martine Puts:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *Supporting older adults with cancer and their support person through geriatric assessment and remote exercise and education: The SOAR study*. Amount: \$424,576 (Principal Investigator)
- **Martine Puts:** Funding from Canadian Institutes for Health Research Bridging grant and grant Rising Tide Foundation (Switzerland) for study titled: *Toward comprehensive supportive Care for Older men with Prostate cancer (TOPCOP3)*. Amount: \$100,000 CIHR and \$473,399 USD Rising Tide Foundation (Co-Principal Investigator)
- **Martine Puts:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *Comprehensive Health Assessment for My Plan: Initial implementation study (CHAMP implementation study)*. Amount: \$229,500 (Principal Investigator)
- **Martine Puts:** Funding from Canadian Institutes of Health Research Project Grant for study titled: *Transitional care programs: Evaluation of performance and patient-oriented outcomes*. Amount: \$600,000 (Co-Investigator)
- **Martine Puts:** Funding from Grant PSI foundation for study titled: *FAST Walk (Functional Assessment for Surgery by a Timed Walk) Study: A Multicenter Prospective Cohort Study of the Six-Minute Walk Test for Improving Preoperative Risk Stratification for Major Non-Cardiac Surgery*. Amount: \$249,000 (Co-Investigator)

ON THE HORIZON

Canadian Oncology Nurse Investigator Research Rounds

The purpose of these rounds is to provide a forum for strengthening nurse-led research in oncology and building a community of practice among Canadian nurse researchers. Attended by early- and mid-career oncology nurse investigators and research trainees from universities and health centres across the country, participants present their work for dissemination, feedback and shared learning. (Chair: Dr. Samantha Mayo, Co-Chair: Dr. Colleen Cuthbert, PhD, RN, NP, Faculty of Nursing, University of Calgary)



Leading Nursing Research: A Peer Mentorship Group

Lara Cooper and Dr. Samantha Mayo take novice nurse researchers on a journey in their scholarly inquiry. From identifying a problem to data collection, to data analysis, and all the way to submitting for publication, oncology nurses involved at any stage of the research process will have the opportunity to share their work in progress, discuss challenges, and engage in group discussions where they will learn about the development of scholarship together.



Research Skills Workshop Series

The Centre of Excellence will be offering a series of multiple workshops for our oncology nurses at Princess Margaret. For the next three workshops, Dr. Margaret Fitch will be leading a three-part educational series that focuses on cultivating an idea into an abstract, and into a presentation that can be submitted for publication. Other sessions will include: creating an ORCID profile, designing research poster presentations, and quality improvement projects.



ONRCE

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