



Science, Health and Research Education Summit



*Agenda subject to change; see latest at www.qcni.ca/share

<p>9:00 AM</p>	<p>Opening</p> <p>9:00 AM Quick Welcome & Opening Remarks – Catherine Street</p> <p>9:05 AM Message from Memorial – President Timmons</p> <p>9:10 AM CIHR Greetings – Nancy Mason MacLellan</p> <p>9:17 AM Purpose & Format of Day – Dr. Brendan Barrett</p>
<p>9:30-10:10 AM</p>	<p>SESSION 1 – SUCCESS STORIES: PATIENT ENGAGEMENT IN RESEARCH</p> <p>Engaging Mothers and Professionals in Perinatal Mental Health Research</p> <ul style="list-style-type: none"> • Dr. Caroline Porr <p>Drs. Martha Traverso-Yepez and Caroline Porr co-led a team of Memorial researchers and community partners to enhance perinatal mental health care in the province. Highlighted in this presentation are the strategies and positive outcomes of ‘patient’ engagement. Dr. Porr will share how mothers, health and social care providers and other knowledge users were integral to achieving research goals and the planning and delivery of several knowledge mobilization events.</p> <p>Exploring the Relationship Between Household Income, Psychological, and Physical Health in Young Adult Cancer Survivors: A YACPRIME Study</p> <ul style="list-style-type: none"> • Kaitlyn Mahon <p>The association between income and health in young adult (YA) cancer survivors is currently unknown. The current study assessed whether income is associated with psychological and physical health in Canadian YA survivors (diagnosed between age 15-39).</p>
<p>10:10-10:50 AM</p>	<p>SESSION 2 – NL SUPPORT QUICKFIRE</p> <p>Effectiveness of a Foot Self-Management Intervention that Utilized Commercially Available Infrared Thermometers: A Patient-Oriented Research and Mixed Methods Research Study</p> <ul style="list-style-type: none"> • Dr. Kathleen Stevens <p>This presentation reports the results of patient-oriented research and mixed methods research study that tested the effectiveness of a foot self-management intervention that utilized commercially available infrared thermometer. The overall conclusion drawn is that the CAIT is an available tool that could support effective foot self-management for people with diabetes; this tool may offer several benefits to patients such as promoting and providing structure for a foot assessment and direction for taking action.</p>

	<p>Development of a 3D-printed Testicular Cancer Model for Testicular Examination Education</p> <ul style="list-style-type: none"> • Becky Power <p>Testicular examination is a non-invasive and inexpensive means of detecting testicular cancer at an early stage. Five 3D-printed testicular cancer models were developed by a multidisciplinary team using an iterative design process. The developed models have the potential to be a useful adjunct in teaching testicular examination and in demonstrating abnormal findings that require further investigation.</p> <p>Willingness to Pay for Bariatric Surgery in Canada: A Discrete Choice Experiment</p> <ul style="list-style-type: none"> • Dr. Laurie Twells <p>In Canada, demand for bariatric surgery exceeds supply and as a result, patients can wait up to five years to access what may be a life-saving treatment. Our discrete choice experiment administered to a representative sample of adults living with obesity in Canada demonstrated that one in four individuals affected by obesity would be willing to pay to access bariatric surgery sooner rather than wait for surgery that is provided as an elective procedure in our publicly funded health care system.</p>
10:50-11:00 AM	Break
11:00-11:40 AM	<p>SESSION 3 – HEALTH SYSTEM PERFORMANCE IN NL</p> <ul style="list-style-type: none"> • Dr. Patrick Parfrey • Dr. Karen Dickson • Owen Parfrey <p>Much of the work completed by Quality of Care NL is devoted to components of health system performance and quality of care in acute care hospitals, in long-term care, and in primary care. Our objective is to improve the value of health spending, which is the worst in Canada, by improving health system performance and health outcomes commensurate with the money we spend. Join us for a review of six strategies to improve health care in NL and a comparison of health system performance in NL, Canada, Australia, and Tasmania.</p>
11:40 AM-12:20 PM	<p>SESSION 4 – INTERVENTIONS TO REDUCE LOW-VALUE CARE</p> <ul style="list-style-type: none"> • Dr. Patrick Parfrey • Asghar Mohammadi • Owen Parfrey • Dr. Robert Wilson • Aimee Roebathan <p>Quickfire presentations on the impacts of COVID-19 and other interventions on cardiac catheterization use, blood testing in family practice, imaging, antibiotic use, and long-term use of PPIs.</p>
12:20-1:05 PM	Lunch Break

1:05-1:10 PM	Afternoon Introduction – Dr. Margaret Steele, Dean of Medicine
1:10-1:50 PM	<p>SESSION 5 – TRANSLATIONAL GENOMICS PART I</p> <p>A Dominant RAD51C Pathogenic Splicing Variant Predisposes to Breast and Ovarian Cancer in the Newfoundland Population Due to Founder Effect</p> <ul style="list-style-type: none"> • Dr. Kerri Smith <p>The hereditary breast and ovarian cancer (HBOC) research team has discovered a RAD51C c.571 + 4A>G pathogenic splicing variant that predisposes to breast and ovarian cancer in the Newfoundland population, which has impacted how we treat patients.</p> <p>Heritable Thrombophilia Test Utilization and Cost Savings Following Guideline-Based Restrictions: An Interrupted Time Series Analysis</p> <ul style="list-style-type: none"> • Shweta Mital <p>The Canadian province of Newfoundland and Labrador implemented a new 'hard-stop' guideline-based approach to heritable thrombophilia testing whereby tests ordered outside specific guidelines were rejected. The objective of this study was to evaluate the effectiveness of this intervention and the associated cost savings.</p>
1:50-2:30 PM	<p>SESSION 6 – TRANSLATIONAL GENOMICS PART II</p> <p>Centre for Translational Genomics Overview</p> <ul style="list-style-type: none"> • Dr. Terry-Lynn Young • Dr. Darren O’Rielly <p>The Centre for Translational Genomics (CTG) is a joint translational facility between Eastern Health and Memorial University, specifically designed to meet the local and regional demands for genomic services.</p> <p>Environmental and Lifestyle Effects on Disease Onset-Related Epigenetic Changes: Another Aspect of Personalized Medicine</p> <ul style="list-style-type: none"> • Dr. Touati Benoukraf
2:30-3:10 PM	<p>SESSION 7 – CENTRE FOR HEALTH INFORMATICS & ANALYTICS</p> <ul style="list-style-type: none"> • Dr. Randy Giffen • Don Bryant <p>CHIA as a research computing resource for Memorial University and a health artificial intelligence/predictive analytics resource.</p>
3:10 PM	Wrap-up & Acknowledgements