# SHARE

## Science, Health and Research Education Summit

**November 10, 2023**

**Faculty of Medicine, Memorial University (virtual option available)**

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| **9:00-9:20 AM** | **Welcome!**<br><br>**-Dr. Tana Allen, Acting Vice-President (Research), Memorial University**<br>**-Honourable Tom Osborne, Minister, Health & Community Services, Gov. of NL**<br>**-Dr. Amy Lang, Executive Director of Patient-Oriented Research, CIHR**<br>**-Dr. Brendan Barrett, Principal Investigator, NL SUPPORT** |
| **9:20-10:00 AM** | **SESSION 1 – NL SUPPORT**<br><br>**IMPLEMENTING AND EVALUATING PATIENT & PUBLIC ENGAGEMENT IN RESEARCH**<br><br>**-Holly Etchegary, PhD, Patient Engagement Academic Lead, NL SUPPORT**<br>**-Chelsey McPhee, Training and Capacity Development/Patient Engagement Lead, NL SUPPORT**<br><br>During this session, we'll learn how a local research team, including patient partners, co-designed a patient engagement planning template for a national clinical trial and hear more about their journey to operationalizing a patient engagement plan for health research.<br><br>The speakers will also discuss how to evaluate a patient and public engagement (PPE) plan, including an overview of new tools in the realm of PPE evaluation. |
| **10:00-10:40 AM** | **SESSION 2 – NL SUPPORT**<br><br>**PATIENT PARTNER ROUNDTABLE**<br><br>**NL SUPPORT's Patient & Public Advisory Council**<br><br>Join members of the Patient & Public Advisory Council as they share their experiences and motivations for becoming partners in health research and outline the patient-oriented research they have been involved in. |
| **10:40-11:10 AM** | **Break** |

| 11:10 AM-12:10 PM | **SESSION 3 – QUALITY OF CARE NL** |
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| | **HEALTHY DISCUSSIONS WITH HEALTH CARE LEADERSHIP** |
| | **-Robert Wilson, Manager, Quality of Care NL**<br>**-Dr. Patrick Parfrey, Deputy Minister, Health Transformation, Government of NL**<br>**-Kelli O'Brien, VP, Quality & Learning Health Systems, NL Health Services**<br>**-Cassie Chisholm, VP, Transformation – Health Systems, NL Health Services**<br>**-Darla King, VP, Transformation – Well-being, NL Health Services**<br>**-Tina Edmonds, Senior Director, Provincial Health Transformation, NL Health Services** |
| | Newfoundland & Labrador is undergoing a health transformation. A major milestone in the transformation is the transition to a single provincial health authority. In this session, we'll host a panel of health care leaders from Gov. NL and NL Health Services to discuss the priorities relating to transformation, quality of care, learning health and social systems and well-being. |
| **12:10-12:50 PM** | **SESSION 4 – QUALITY OF CARE NL** |
| | **RESEARCH & EVALUATION PRIORITIES QUICKFIRE** |
| | **Quality of Care NL Staff:**<br>**-Robert Wilson, Manager**<br>**-Owen Parfrey, Project Coordinator**<br>**-Cheryl Etchegary, Healthy Policy Analyst**<br>**-Susan Stuckless, Research Associate**<br>**-Krista Mahoney, Research Associate/Implementation Lead** |
| | Join the staff of Quality of Care NL for a snapshot of our research and evaluation priorities including system performance and quality, community care, hospital services, aging and long-term care, social determinants of health and social care, as well as the environmental impact of health care. |
| **12:50-2:00 PM** | **Lunch Break \| Student Poster Session** |
| | During lunch, a poster session will showcase research by students and NL SUPPORT grant recipients. |

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| **2:00-2:05 PM** | **Special Greetings**<br><br>**-Dr. Dolores McKeen, Interim Dean, Faculty of Medicine, Memorial University** |
| **2:05-2:45 PM** | **SESSION 5 – CENTRE FOR ANALYTICS, INFORMATICS & RESEARCH**<br><br>**LARGE LANGUAGE MODELS AND THEIR POTENTIAL ROLE IN A LEARNING HEALTH SYSTEM**<br><br>**Randy Giffen, MD, Health Care Analytic Solutions, National Innovation Team, IBM Canada**<br><br>Large language Models (LLMs) are deep-learning neural networks with billions of parameters. They are trained using large collections of written content to both identify the characteristics of text and to generate new text (including summaries and translations). This session will provide an overview of how LLMs work and how they can be applied to specific tasks and use cases in health care. The session will also discuss the possible roles for an LLM in a Learning Health and Social System. Both the capabilities and the issues and limitations of LLMs will be reviewed. |
| **2:45-3:45 PM** | **SESSION 6 – CENTRE FOR TRANSLATIONAL GENOMICS**<br><br>**Holly Etchegary, PhD; Darren O'Rielly, PhD**<br><br>Join staff and faculty from the Centre for Translational Genomics for two exciting presentations:<br><br>▪ Cancer prevention in cancer predisposition syndromes: Testing the feasibility of building a hereditary cancer registry and nurse navigator follow up model<br>▪ Centre for Translational Genomics: Progress update and summary of proposed work in phase II |
| **3:45 PM** | **Closing Remarks – event concludes** |