



NORTHERN HEALTH RESEARCH CONFERENCE

2022 NHRC Agenda

Friday, June 24, 2022

9:00am to 10:30am	Pre-Conference Workshop (WebEx and in Person) Research at NOSM University: The basics and beyond <i>Presenter: Ghislaine Pilot-Attema</i> Room 119		
11:00am to 11:15am	Opening Prayer and Opening Remarks (WebEx and in Person) <i>Dr. Sarita Verma and Dr. David Marsh</i> Room 107		
11:15am to 12:15pm	Keynote Address (WebEx and in Person) An Unusual Suspect: The Journey from Clinician to Physician-Researcher <i>Presenter: Dr. Chiachen Cheng</i> <i>Session Chair: Dr. TC Tai</i> Room 107		
12:15pm to 12:30pm	BREAK		
12:30pm to 1:30pm	Oral Presentations (WebEx and in Person)		
	<u>Theme 1 – Cancer</u> <i>Session Chair: Lee Rysdale</i> Room 107	<u>Theme 2 – Clinical Research</u> <i>Session Chair: Kara Nadeau</i> Room 119	<u>Theme 3 – Indigenous People's Health</u> <i>Session Chair: Ghislaine Pilot-Attema</i> Room 215
12:30pm to 12:45pm	<i>Manon Valiquette</i> The Immune Modulating Effects of Low Dose Ionizing Radiation and Its Applicability in Cancer Therapy	<i>Shahrazad Keramati</i> Risk factors for genitourinary malignancies in patients with microscopic hematuria-Systematic Review and Meta-analysis	<i>Kaeshan Elamurugan and Jamie Strain</i> Social Inequities Contributing to Gestational Diabetes in Indigenous Populations in Canada: A Scoping Review
12:45pm to 1:00pm	<i>Alyssa Murray</i> Profiling Molecular Changes in Radiation Resistant Triple Negative Breast Cancer through RNA-Seq Analysis	<i>Emily Elder</i> Topical tranexamic acid in hip fractures: a randomized, placebo-controlled double-blinded study	<i>Nancy Lightfoot</i> Seeking Mino-nokiiwin: Community-based Indigenous Occupational Health and Safety Experience in Northeastern Ontario

1:00pm to 1:15pm	Meghan McCue Staying Strong Through Chemo: Determining if electrical stimulation protects skeletal muscle following Doxorubicin administration	Emmanuel Abara Use of sound waves through smartphone to monitor urinary flow patterns amongst rural northern Ontario residents-a potential digital health strategy	Omolara Odulaja Indigenous Youth, Identity Expression, and Cultural Engagement on Social Media
1:15pm to 1:30pm	Vahid Mehrnoush Effect of Nearness to Cancer Centre on Prostate Cancer Outcomes and Patient's Choice for The Type of Intervention	Veronika Williams and Jennifer Gordon Rare and Young Onset Dementia: Translating learning from the multicentre Rare Dementia Impact Study to Rare Dementia Support Canada	
1:30pm to 1:45pm	BREAK		
1:45pm to 2:45pm	Oral Presentations (WebEx and in Person)		
	<u>Theme 4 – Health Services, Population and Public Health</u> <i>Session Chair: Alyssa Murray Room 107</i>	<u>Theme 2 – Clinical Research</u> <i>Session Chair: Sabrina Slade Room 119</i>	<u>Theme 5 – Medical and Health Education</u> <i>Session Chair: Hillary Mettam Room 215</i>
1:45pm to 2:00pm	Sherry Mongeau COPD and Compensation Claims: Every Miner has their Story	Larry Dahmer Effectiveness and Feasibility of a 30-Week RO DBT Skills Class Targeting Transdiagnostic Clinical Presentations: Preliminary Results	Brittany Best The learning impact of a virtual CPR webinar for seniors
2:00pm to 2:15pm	Eliseo Orrantia Rural Resilience: What COVID-19 reveals about local healthcare systems in Northern Ontario	Lobna Abdel-Dayem Investigating the role of Retinol Saturase in ferroptosis	Lee Rysdale Culinary Medicine: Advancing client-centred nutrition care using an innovative and active learning model for Canadian medical and dietetic learners
2:15pm to 2:30pm	Conner Sonke and Emily Elder Demographics of a Northwestern Ontario Patient Cohort Undergoing Carpal Tunnel Release Surgery	Kara Nadeau Perceptions on Prehabilitation in Northern Ontario General Surgery Patients	Shaen Gingrich and Samantha Jibb “Sustain and Gain”: The Co-Creation and Evaluation of a Falls Prevention Maintenance Program for Community-Dwelling Older Adults
2:30pm to 2:45pm			
2:45pm to 3:00pm	Awards, Closing Remarks and Closing Prayer (WebEx and in Person) <i>Dr. TC Tai</i>		
			<i>Room 107</i>

3:00pm to 4:00pm	Poster Station #	Poster Q&A Session (In Person Only) <i>2nd floor Hallway</i>
Theme 1 – Cancer		
	1	“Conversations about Cancer”: Everything starts in communities! An example of Cancer Screening Knowledge Translation with First Nation People in the Northeast. <i>Marnie Anderson</i>
	2	Investigating the cellular effects of Fra-1 in the CGL1 radiation induced tumorigenesis cell model <i>Wuroud Al-khayyat</i>
	3	Application of genetically engineered probiotic bacteria as a mediator for radiation therapy induced bowel injury <i>Alexandra Jameus</i>
Theme 2 – Clinical Research		
	4	Peer Power - The Voice that Deserves to be Heard <i>Karla Gharthey and Marie Pollock</i>
	5	Low Carbohydrate Diet Have a Significant Role to Play in the Prevention and/or Treatment of Neuro-cognitive Diseases?: A Systematic Review <i>Gina Rizq and Samuel Gobraeil</i>
	6	Supporting Lactation in Otolaryngology Patients: A Literature Review <i>Emily Elder</i>
	7	Evaluating a pain management intervention for trauma patients by air <i>Sabrina Slade</i>
Theme 4 – Health Services, Population and Public Health		
	8	Rural Resilience: What COVID-19 reveals about the local healthcare workforce in Northern Ontario <i>Lily DeMiglio and Eliseo Orrantia</i>
	9	Promise of partnership: Towards healthy Greater Sudbury Library space during a pandemic, and the housing and overdose crises <i>Sandra Hoy</i>
	10	Planning for the Future: Evaluating an Advanced Care Planning Initiative <i>Jeremy Mozzon and Sara Calvert</i>
Theme 6 – Environment and Health		
	11	Variable Neurogenetic Responses to Fetal Exposures of Ionizing Radiation <i>Christine Lalonde</i>
	12	Establishing <i>Caenorhabditis elegans</i> (C. elegans) as a Model System for Radiation Biology Research <i>Félix Lavigne</i>
	13	Mechanotransduction as a regulator of vitamin A homeostasis <i>Parisa Varshosaz</i>
Theme 7 – Biomolecular Sciences		
	14	Role of Gas Transmitters H₂S and CO in the Regulation of Genes Encoding Catecholamine Biosynthetic Enzymes <i>Robert Dingley</i>
	15	Desiccated Yeast Sentinels in Sub-Background Radiation Environments <i>Michel Lapointe</i>
	16	Influence of Sex Hormones on Catecholamine Biosynthesis <i>Jenna Gilchrist</i>
	17	The presence of acetylcholine in immune cells and its correlation with age and inflammatory disease <i>Doretha Thompson</i>