



# NORTHERN HEALTH RESEARCH CONFERENCE

## 2021 Agenda

**Friday, October 15, 2021**

1:00pm-1:15pm	<b>Opening Remarks</b> <i>Dr. Sarita Verma and Dr. David Marsh</i>		
1:15pm to 2:30pm	<b>Oral Presentations</b>		
	<b>Theme 1 – Medical Education</b> <i>Session Chair: Ghislaine Pilot-Attema</i>	<b>Theme 2 – Health Services, Population and Public Health</b> <i>Session Chair: Alain Simard</i>	<b>Theme 3 – Environment and Health</b> <i>Session Chair: Natalie Lefort</i>
1:15pm to 1:30pm	<u>Mindful Self-Compassion for Medical Learners at NOSM: A Learner Wellness and Resilience Initiative</u> <b>Sarah Hunt, Jenna Simpson</b>	<u>Expanding CCO's framework for Smoking Cessation in the North</u> <b>Deborah Saunders</b>	<u>Adolescent Exposure to Cannabis Marketing: A Pilot Study</u> <b>Christopher Armiento</b>
1:30pm to 1:45pm	<u>What makes an Early Rural Placement a positive experience in medical school? Perspectives from NOSM's Learners</u> <b>Kirstie Taylor</b>	<u>A Northern Ontario Mental Health Treatment Intervention: A 3-Session Model (with randomized control trial results) and Walk-in Clinic Model (with virtual capabilities) for Anxiety and Depression</u> <b>Jazlyn McGuinty, Angela Li, Emily Mah</b>	<u>REPAIR: a deep-underground biology experiment investigating the role of naturally occurring background radiation</u> <b>Jake Pirkkanen</b>
1:45pm to 2:00pm		<u>Northern Ontario's Obstetrical Services in 2020: A Developing Rural Maternity Care Desert</u> <b>Mathieu Mercier</b>	<u>The effects of sub-natural background radiation on CGL1 cell survival and growth within SNOLAB, an underground research laboratory</u> <b>Alyssa Labelle</b>
2:00pm to 2:15pm		<u>Advance Care Planning in a Large Group Setting: Challenges and Opportunities</u> <b>Caroline Duquette</b>	<u>Radiation-induced functional changes in lens epithelial cells and implications for cataract development</u> <b>Graysen Vigneux</b>
2:15pm to 2:30pm		<u>Integrating Tobacco Cessation into a Substance Use Withdrawal Program Serving a Rural Municipality and 33 Northern Remote Communities</u> <b>Patricia Smith</b>	<u>Gestational Exposure to Low-Dose Ionizing Radiation Induces Differential Changes in Behavioural Phenotype and Neural Genetic Expression</u> <b>Christine Lalonde</b>
2:30pm to 3:00pm	<b>BREAK</b>		



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3:00pm to 4:00pm	<b>Poster Session Breakout Rooms (Q&amp;A Session)</b> <i>*Presentations will be available for viewing prior to this Session*</i> <i>Attendees are to have previously watched the presentations and attend these session with questions for the presenters</i>
	<b><u>Theme 1 – Cancer</u></b> <i>Session Chair: Allie Chown</i>
3:00pm to 3:30pm	<ul style="list-style-type: none"> <li>➤ Investigating the cellular effects of Fra-1 in the CGL1 radiation induced tumorigenesis cell model  <b><u>Presenting Author:</u> Wuroud Al-khayyat</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> <li>➤ Northeast Cancer Centre Cooking with Dietitians: Phase 1 of 3 - an Impact Evaluation  <b><u>Presenting Authors:</u> Lela Hopper and Bnehns Gordon-Corbiere</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> <li>➤ Application of genetically engineered microbial bacteria species as a mediator for radiation therapy induced bowel injury  <b><u>Presenting Author:</u> Alexandra Jameus</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> </ul>
3:30pm to 4:00pm	<ul style="list-style-type: none"> <li>➤ Molecular Mechanisms Involved in Radiation Resistant Breast Cancer  <b><u>Presenting Author:</u> Alyssa Murray</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> <li>➤ Immune Modulating Effects of Low Dose Ionizing Radiation and Its Application for Cancer Therapy  <b><u>Presenting Author:</u> Manon Valiquette</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> </ul>
	<b><u>Theme 2 – Health Services</u></b> <i>Session Chair: Alain Simard</i>
3:00pm to 3:30pm	<ul style="list-style-type: none"> <li>➤ A Pan-Canadian Narrative Review on the Protocols for COVID-19 in Canadian Emergency Departments  <b><u>Presenting Author:</u> Eve Boissonneault (Health Services)</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> <li>➤ Utilization of Telemedicine/Tele-urology in Northern Ontario in an acute emergency during the COVID-19 global pandemic: A Case Report (Health Services)  <b><u>Presenting Author:</u> Sebastian Diebel</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> <li>➤ Exploring exercise and rehabilitation in stroke recovery in Northwestern Ontario through the lived experience (Health Services)  <b><u>Presenting Authors:</u> Nicole Lee and Taryn Klarner</b>  <a href="#">Abstract</a>  <a href="#">Presentation</a> </li> </ul>



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<p>3:30pm to 4:00pm</p>	<ul style="list-style-type: none"> <li>➤ <b>Building Advance Care Planning Capacity in Northern Ontario: Early Results from a Workshop for Primary Health Care Providers (Health Services)</b> <i><u>Presenting Authors:</u> Christine Pun and Caroline Duquette</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ <b>Dynamic Digital Resources to Meet the Mental Health Needs of Children and Families: COVID-19 and Bridging the Gap (Health Services)</b> <i><u>Presenting Author:</u> Diana Urajnik</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<p align="center"><b><u>Theme 3 – Population and Public Health</u></b> <i>Session Chair: Kristen Morin</i></p>	
<p>3:00pm to 3:30pm</p>	<ul style="list-style-type: none"> <li>➤ <b>Depressive Symptoms and Inflammatory Markers Following Acute Myocardial Infarction: A Systematic Review (Public Health)</b> <i><u>Presenting Author:</u> Emma Mensour</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ <b>Digital assistive technologies to support remote working by the disabled: A Scoping Review</b> <i><u>Presenting Author:</u> Nicola Shaw (Public Health)</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<p>3:30pm to 4:00pm</p>	<ul style="list-style-type: none"> <li>➤ <b>Getting kids the help they need, when they need it! Piloting and evaluating the Youth App-Supported Service (Public Health)</b> <i><u>Presenting Authors:</u> Elizabeth Grassia and Ishaq Malik</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ <b>Overcoming Barriers to Safe Opioid Prescribing: Reaching A Continuum of Learners During COVID-19</b> <i><u>Presenting Authors:</u> Pam Haight and Clare Cook (Public Health)</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<p align="center"><b><u>Theme 4 – Medical Education</u></b> <i>Session Chair: Ghislaine Pilot-Attema</i></p>	
<p>3:00pm to 3:30pm</p>	<ul style="list-style-type: none"> <li>➤ <b>"Learner Evaluations: What Did We Find?" Assessing impact of learner driven LEG faculty development</b> <i><u>Presenting Author:</u> James Goertzen</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ <b>Feedback professional development for NOSM students and preceptors</b> <i><u>Presenting Authors:</u> James Goertzen and Erin Cameron</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ <b>Pan-Northern: Evaluating the reach and impact of virtual clinical rounds in Northern Ontario</b> <i><u>Presenting Authors:</u> Clare Cook, Katherine Santos and Sarah Bazinet</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>



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<b>3:30pm to 4:00pm</b>	<ul style="list-style-type: none"> <li>➤ What are the impacts of the COVID-19 pandemic upon student's experience in phase 2, both academic and non-academic, using data collected from students, SACs and SLCs involved in distributed medical education? <i><u>Presenting Author:</u> Jenna Darani</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ An Exploration of Interprofessional Education in Four Canadian Undergraduate Nursing Programs <i><u>Presenting Author:</u> Emily Donato</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<p align="center"><b><u>Theme 5 – Environment and Health</u></b> <i>Session Chair: Chris Thome</i></p>	
<b>3:00pm to 3:30pm</b>	<ul style="list-style-type: none"> <li>➤ Role of carbon monoxide and hydrogen sulfide in the regulation of the PNMT gene <i><u>Presenting Author:</u> Robert Dingley</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ Acute Radiation Exposure on Reproductive and Behavioural Epigenetics <i><u>Presenting Author:</u> Christine Lalonde</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ Yeast Anhydrobiosis and Radiation Resistance <i><u>Presenting Author:</u> Michel Lapointe</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<b>3:30pm to 4:00pm</b>	<ul style="list-style-type: none"> <li>➤ Microbiota and Radiation Therapy Induced Bowel Injury: A Comprehensive Study Looking at the Short and Long-term Effects of Acute Radiation Exposure on the Microbiome Composition of GI Tract <i><u>Presenting Author:</u> Ramya Narendrula</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ Genetically Engineered Microbial Lactobacillus reuteri as a Mediator for Radiation Therapy Induced Bowel Injury through upregulation of Reuterin <i><u>Presenting Author:</u> Simon Paquette</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> <li>➤ Investigating the Biological Effects of Sub-background and Low Dose Radiation in CGL1 Cells <i><u>Presenting Author:</u> Jayden Peterson</i> <a href="#">Abstract</a> <a href="#">Presentation</a></li> </ul>
<b>4:00pm to 5:00pm</b>	<p align="center"><b><u>Keynote Address</u></b> Cardiovascular research using health services administrative data in Northern Ontario: Impact on quality of care and outcomes <b>Dr. Mohammed Shurrab, MD, MSc</b> <i>Session Chair: T.C. Tai</i></p>



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5:00pm to 5:15pm	BREAK		
5:15pm to 6:15pm	Oral Presentations		
	<b>Theme 4 – Clinical Research</b> <i>Session Chair: Christine Lalonde</i>	<b>Theme 5 – Cancer</b> <i>Session Chair: Patty Fink</i>	<b>Theme 6 – Indigenous People's Health</b> <i>Session Chair: Marion Maar</i>
5:15pm to 5:30pm	<u><i>Direct oral anticoagulants versus vitamin K antagonists in left ventricular thrombi: a systematic review and meta-analysis</i></u> <b>Navneet Natt</b>	<u><i>The impact of COVID-19 on the incidence of Septicemia referrals to the Dental Oncology Department at North East Cancer Centre, Health Sciences North</i></u> <b>Jacob Bennett</b>	<u><i>Workers' Compensation Experience in Some Indigenous Northeastern Ontario Communities</i></u> <b>Nancy Lightfoot</b>
5:30pm to 5:45pm	<u><i>Sialadenopathy: A commonly missed diagnosis and important impact on oral and overall health</i></u> <b>Logan Bach</b>	<u><i>Design, Synthesis and Analysis of Small Molecule Aurora Kinase Inhibitors as Possible Cancer Diagnostics and Therapeutics</i></u> <b>Antal Kovacs</b>	<u><i>Traditional Anishinaabe foods, and their regulation of metabolic hormones</i></u> <b>Connor Roque</b>
5:45pm to 6:00pm	<u><i>Enhanced Recovery After Surgery reduced length of stay after colorectal surgery in a small rural hospital in Ontario</i></u> <b>Hector Roldan</b>	<u><i>5-Aminolevulinic Acid Hydrochloride (5-ALA)-Guided Surgical Resection in Newly Diagnosed High-Grade Gliomas</i></u> <b>Allie Chown</b>	<u><i>The Attitudes of First Year Health Students towards Indigenous People and Engaging in Mandatory Indigenous Courses</i></u> <b>Ophelia O'Donnell</b>
6:00pm to 6:15pm	<u><i>Clinical Outcomes and Surgical Satisfaction Following a Lateral Transfibular Total Ankle Arthroplasty: Early Follow-up Results from A Canadian Cohort</i></u> <b>Christiaan Conner Sonke</b>	<u><i>The Evaluation of Smoking Cessation in Cancer Patients with an Intensive Clinical Tobacco Intervention Program using the 'Opt Out' Approach to quitting</i></u> <b>Tristan Lachance</b>	
6:15pm to 6:30pm	Closing Remarks <i>Dr. David Marsh</i>		