



The Second Annual Healthy Cities Conference:
**Imagining Healthy and Smart Cities of
the Future – Building Towards
Systemic and High Dimensional
Change, a New Framework**

Conference session topics and abstracts span many areas related to healthy cities, including implementation science, convergence-by-design, food and health, Indigenous issues and equity, aging and chronic disease, transportation and housing, and training and policy.

[Access the event portal here!](#) 

Stay connected and share your conference experience with us:

 [@smartrainingca](#)

 [@smartrainingplatform](#)

 [SMART Training Platform](#)

 [SMART Healthy Cities Training Platform
\(\[smart-training.ca\]\(http://smart-training.ca\)\)](#)

Conference Sponsors



ABSTRACT SESSION 1:

Food Intake, Behaviour and Environment

Pablo Arrona-Cardoza: The effect of food advertisements on food intake and neural activity: a systematic review and meta-analysis of experimental studies

Fares Belkhiria: Mind your habits: Exploring the impact of different types of shopping habits on shoppers responsiveness to healthy-eating nudges

Fares Belkhiria: Navigating the Digital-Physical Nexus for Sustainable Snacking using Precision Retailing

Samantha Langis: The eco-responsible food behavior of the consumer: an intergenerational research program.

Ghina ElHaffar: The effect of choice architecture interventions on driving sustainable food choices for heterogeneous market segments: a field experiment

Cameron McRae: Reshaping loyalty programs for sustainable and healthy diets through omnichannel marketing

Manon Fantino: Investigating the workplace food environment, diet, and body mass index

Mya Kidson: Characterizing intra-individual variation in energy intake

Alexandra Pepetone: Hypothesized influence of economic and social COVID-19 policies on household food insecurity: A theory of change

Ghina ElHaffar: Seeking Environmental Justice in a Developed City: How Does Citizen's Carbon Footprint Compare Between Advantaged and Disadvantaged Neighborhoods in the City of Montreal

ABSTRACT SESSION 2:

Wellbeing of Older Adults

Diogo Mochcovitch: Identifying the assets to increase the social health and well-being of older adults in urban context to contribute to housing decisions in Canada

Madison Leggatt: Enabling social prescription for older adults: Connecting primary care and community based services

Abdul Cadri: Individual- and Organizational-level Factors Influencing Awareness, Access and Utilization of Nonmedical Community Services by Community-Dwelling Older Adults: A Scoping Review

Nishant Dave: WHO plays? Older adults, play, and age-friendly cities

Isabel B. Rodrigues: Exploring the perspectives of older adults who are pre-frail and frail to identify interventions to reduce sedentary behaviour and improve mobility: a thematic content analysis

Natalia Diamond & Jennifer M. Monk: Development of a nutrition knowledge translation workbook for physically active adults: outcomes from a pilot Study with varsity athletes

Nicole George: Co-designing community linkages for equity-oriented chronic pain care: participatory planning with stakeholders

Shawna Hopper: Physical activity as a mediating factor between social isolation and cognitive change in older adults: an analysis of the Canadian Longitudinal Study on Aging (CLSA)

Maria Fuentes Diaz: Synchronous group-based online exercise programs for older adults living in the community: a scoping review

Joshua Goutte: Mapping the mobility of older adults in an urban context using GPS mobility data with the purpose of contributing to housing decisions in Canada

Session Date: November 1st, 2023
Session Time: 2:30pm – 3:00pm EST

[View abstracts HERE](#)

Session Date: November 2nd, 2023
Session Time: 11:30am – 12:00pm EST

[View abstracts HERE](#)

ABSTRACT SESSION 3:

Urban Food Systems and Food Production

Martin Holmes: Applications of Geographic Information Systems (GIS) for use in urban food systems research

Pegah Salsabilian: Unraveling the interplay between residential environments and healthy food choices in Montreal

Louis A Colaruotolo: A systematic approach to determining contributing factors of component instability in 3D printed food matrices by scouting structural features

Maleeka Singh: Fraud detection in maple syrup: Using machine learning to scout and monitor adulteration

Breanne Semenko: Optimization of Growing Conditions to Improve the Antioxidant Status of Broccoli Sprouts in a Vertical Farm System

Victoria Big Yue Lau: Agricultural urbanism: reutilizing urban wastewater for cultivating regenerative, smart & healthy communities

Ruchira Nandasiri: Smart controlled and thermally processed brassica vegetables demonstrate protective properties against non-communicable diseases: an in-vitro study

Vayshali Patel: Federal social media risk communication about foodborne illness outbreaks in Canada

Vayshali Patel: Assessing federal public-facing risk communication about foodborne illness outbreaks in Canada

Angie Homez-Jara: Assessing the Structural Differences of Mushrooms using Micro-Computed Tomography (Micro-CT)

ABSTRACT SESSION 4:

Active Living and Urban Design

Ana-Karinna Hidalgo: Equity and health in industrial districts in Canada. An urban design analysis.

Yiyang Wang: Greener, healthier, and more equitable park access: advancing sustainable transportation to regional parks in Metro Vancouver

Gabriella Christopher: Occupational differences in active commuting among Canadian workers from 2006 to 2016

Isaak Fast: Flattening the curve: a behavioural economics approach to increase activity in summer months

Isaak Fast: Urban trail infrastructure and physical activity levels: a systematic review and meta-analysis of natural experiments

Zarah Monfaredi: No sooner said than done: exploring the lessons learned about equity considerations and public engagement processes in pandemic-time active transportation planning in Vancouver, Toronto, and Montréal

Anzo Nguyen: Developing a housing profile of Ottawa using data from the Ottawa Research Data Centre

Aaron A. Goodarzi: A symmetric, balanced understanding of Canadian residential housing radioactive radon gas exposure

Selim M Khan: Understanding how urban housing design affects residents' exposure to indoor radioactive radon gas compared to the rural equivalents, irrespective of regions in Canada: A geospatial analysis

Jennifer Jackson: Strategies for Addressing Needle Debris (SANDS)

ABSTRACT SESSION 5:

Health Systems, Child Health, and More!

Dennis Radman: Advancing healthcare through the synergy of adaptive platform trials and learning health systems: A scoping review and framework development

Zheng Hao Chen: Determinants of ultra-processed food consumption among preschool children in the Canadian CHILD Cohort Study

Sandhya Sahye-Pudaruth: MAPPING interactions among influences on child food literacy using a food-systems lens: a scoping review

Michaela Kucab: Nutrition Recommendation Intervention trials in Children's Healthcare (NuRISH) trial: Internal pilot study evaluating the feasibility and acceptability of a primary care embedded randomized controlled trial to determine the effect of a childcare navigator on child health and development

Nika Klapat: Geospatial distribution and demographics of Winnipeg neighbourhoods stratified by density of cycling infrastructure: a descriptive study

Avneet Bhabra: 23% and counting, but not 'one size fits all': helping Canada's immigrants strengthen their financial knowledge

Tianyu Zhu & Fares Belkhiria: Budget-aware basket optimization based on decoupled item retrieval for economic next basket recommendation

Sammy Lowe: Putting climate health on the map – exploring the validity and use of climate change and health vulnerability and risk index tools among older adults and immigrants in Edmonton, Alberta

Göktuğ Bender: Developing real-time surveillance for mental health risk: a deep learning model

Dave Dowhaniuk: Queer Innovations for Healthcare Future: 2SLGBTQIA+ Young People's Explorations to Transform Health, Well-Being, and Kinship

Session Date: November 2nd, 2023
Session Time: 4:30pm – 5:00pm EST

[View abstracts HERE](#)

Session Date: November 3rd, 2023
Session Time: 11:30am – 12:00pm EST

[View abstracts HERE](#)

Session Date: November 3rd, 2023
Session Time: 1:30pm – 2:00pm EST

[View abstracts HERE](#)