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ABSTRACT SUBMISSION FORM

CHRD 2022: Abstract & Poster Submission Form

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Presenter Status

- Undergraduate Students
- Masters Student
- PhD Student
- Post-Doctoral Fellows
- Residents
- Non-Trainee

Research Category

- Basic Science
- Clinical
- Community Health / Policy

Role in the project

- Design
- Perform Experiments
- Analyze Data
- Write Abstract

Title

Identifying inequities for Indigenous families in the implementation of urban trails in Winnipeg

Background

Multi-use trails are one of the fastest growing physical activity (PA) interventions in Canada. Little information exists for the determinants of their implementation in urban settings.

Objective

The current study was designed to answer the question: Was the implementation of urban trails in Winnipeg equitable for Indigenous families?

Methods

We used a multiple methods approach to collect elements of the RE-AIM framework, to describe the implementation of 4 new multi-use PA trails built within 97 neighbourhoods between 2010 and 2014. Built environment and Census data (CANUE) were triangulated with, field surveys of trail users (n=773) and a document analysis of the 2005 and 2014 active transportation strategies. We studied the implementation of. Intervention and comparison groups were based on a buffer of 400m from a new multi-use PA trail.

Results

In 2016, 47,591 residents lived in a neighbourhood that received a trail and 416,381 residents lived in comparison neighbourhoods. Census data revealed that fewer self-identified Indigenous people 11.0% (95% CI: 9.5 to 12.5) vs 13.3% (95% CI: 12.7 to 14.0) lived in neighbourhoods that received a new trail compared to control neighbourhoods. Intercept surveys revealed that only 6.3% of trail users self-identified as Indigenous, while 72.4% identified as Caucasian. Qualitative analysis of the City's active transportation strategies revealed that no Indigenous Elders, stakeholders or community organizations were consulted on the long-term vision for implementing new trails in Winnipeg.

Conclusion

Although equity is a key priority for the City of Winnipeg, the implementation of multi-use PA trails are not effectively reaching Indigenous families, possibly due to a lack of consultation with community members. We are partnering with the Boldness Project, the Manitoba Metis Federation and the First Nations Health and Social Secretariat to evaluate these inequities more extensively and to co-develop strategies to overcome them.

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Authors

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