

Christopher Wituik

REGISTERED NURSE | EPIDEMIOLOGIST | INFECTION CONTROL SPECIALIST

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A Registered Nurse and epidemiologist focusing on the prevention and control of infections and communicable diseases. I have a strong interest in epidemiologic methods, study design, statistical programming, data visualization, and knowledge translation. I am experienced with outbreak investigation and containment, analysis of communicable and non-communicable disease data, and clinical nursing.

Education

London School of Hygiene & Tropical Medicine

London, England

MASTER OF SCIENCE IN EPIDEMIOLOGY

November 2019

- Select coursework: Advanced Statistical Methods in Epidemiology, Epidemiology of Communicable Disease, Modelling and the Dynamics of Communicable Diseases
- Research Project: Impact of Police Contact on Access to Hepatitis C Care Among People Who Inject Drugs in Vancouver, Canada
- Supervisors: Dr. David Prieto-Merino & Dr. Lianping Ti

McMaster University

Hamilton, ON

BACHELOR OF SCIENCE IN NURSING

June 2015

- BScN Recognition Award – 2015
- Cathy Flis Memorial Award, BScN Recognition Award – 2014

Mohawk College

Hamilton, ON

DIPLOMA - PRACTICAL NURSING

December 2011

- Honours graduate

Select Employment and Academic Experience

Infection Prevention & Control - St. Joseph's Healthcare Hamilton

Hamilton, ON

RN INFECTION CONTROL PROFESSIONAL

June 2018 - Present

- IPAC Lead for COVID-19 readiness and response efforts in the Emergency Department including policy and process development, education, and consultation.
- Preventing and controlling transmission and outbreaks of epidemiologically significant organisms, monitoring and interpreting infection rates.
- Investigating viral respiratory outbreak trends; engaging in data extraction, cleaning, analysis, and visualization with R studio.
- Engaging in knowledge dissemination, education, and collaboration with various professional disciplines and members of the public.

BC Centre on Substance Use (BCCSU)

Vancouver, BC

GRADUATE STUDENT RESEARCH ASSISTANT

July 2019

- Analyzed two longitudinal cohorts, the Vancouver Injection Drug Users Study (VIDUS), and the AIDS Care Cohort to Evaluate Exposure to Survival Services (ACCESS) to evaluate the impact of police contact on access to hepatitis C care among people who inject drugs.
- Independently conceived of study question; conducted data cleaning, coding, and analysis; and wrote report detailing methods, results, and interpretation.
- Achieved a working knowledge of with R statistical software through independent learning in order to conduct analysis as per BCCSU policy.

Infection Prevention & Control - Brant Community Healthcare System

Brantford, ON

RN INFECTION CONTROL PROFESSIONAL

March 2017 - May 2018

- Improved surveillance system through discovering an issue with patient-day calculations and collaborated with the Health Records department to ensure provision of accurate denominators for calculation of C. difficile infection rates.
- Designed and implemented a cross-sectional study of Catheter-Association Urinary Tract Infections. Engaged in knowledge dissemination to internal stakeholders to improve urinary catheter management throughout the organization.
- Invited to sit on the Brant Community Healthcare System Research Ethics Committee. Reviewed multiple clinical studies for methodological and ethical rigor.

Hamilton Health Sciences, St. Joseph's Healthcare Hamilton, Victorian Order of Nurses

Hamilton, ON

CLINICAL NURSING

2012 - 2017

- Honed leadership, organization and prioritization skills which allow me to adapt to rapidly changing circumstances

Collaboratory for Research on Urban Neighbourhoods, Community Health, and Housing - McMaster University

Hamilton, ON

RESEARCH ASSISTANT

2013 - 2014

- Developed a working knowledge of questionnaire design, interviewing, data coding and entry, data checks, and participant recruitment
- Administered a standard questionnaire to ascertain perceptions of community, neighbourhood, and health.

Certification, Registration, and Professional Development

Certification in Infection Control

CERTIFICATION BOARD OF INFECTION CONTROL AND EPIDEMIOLOGY (CBIC)

2019 - Present

Registered Nurse

COLLEGE OF NURSES OF ONTARIO (#15091963)

2015 - Present

TCPS 2: CORE Course on Research Ethics

GOVERNMENT OF CANADA

June 2019

Professional Organizations

Association of Public Health Epidemiologists of Ontario (APHEO)

AFFILIATE MEMBER

2016 - Present

Infection Prevention & Control Canada (IPAC Canada)

MEMBER

2017 - Present

Registered Nurses Association of Ontario (RNAO)

MEMBER

June 2019

Volunteer Experience

COVID-19 Epidemiology Volunteer

LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE

2020 - Present

Harm Reduction Volunteer

POSITIVE LIVING NIAGARA - STREETWORKS OUTREACH PROGRAM AND CONSUMPTION AND TREATMENT SERVICES

2017 - Present

RPN-BScN Stream Representative / Education Chairperson

McMASTER UNIVERSITY NURSING STUDENTS' SOCIETY

2012 - 2015

Skills

TECHNICAL SKILLS

- Data management and entry: Microsoft Excel, EpiData
- Statistical analysis and data visualization: Stata, R, developing competence in SAS and Tableau
- Visuals and presentations: Microsoft PowerPoint

LANGUAGES

- English (native); French (beginner)

Publications

A case for integrating substance use harm reduction into IPAC practice in acute care settings

Letter to the Editor

CANADIAN JOURNAL OF INFECTION CONTROL

November 2019

- **Wituik, C.** (2019). A case for integrating substance use harm reduction into IPAC practice in acute care settings. Canadian Journal of Infection Control, 34(3), 146–147.