



WILLIAM TANG

MSc in Epidemiology | BSc in Health Science

SUMMARY OF QUALIFICATIONS

- Strong knowledge in study design and epidemiological methods
- Proficient in designing, conducting, and analyzing epidemiological studies using statistical software (R & SAS)
- Experienced in managing research projects, coordinating teams, and delivering high-quality results
- Good understanding of public health principles, healthcare systems, and policy development

RELEVANT EXPERIENCE

Research Assistant

McMaster University
July 2021-Dec 2022

- Published three systematic and meta-analyses to inform clinical decision-making and policy development in the management of kidney disease and infant food allergies
- Extracted, synthesized, and analyzed data from the literature
- Collaborated with multidisciplinary teams to translate research findings into actionable recommendations

Research & Project Manager Assistant

University of Alberta
May 2021- Aug 2021

- Led a project to evaluate the impact of a documentation app on the workflow of personal support workers
- Developed project plans and timelines to ensure the project stayed on schedule and met deliverables
- Translated research findings into actionable recommendations
- Coordinated project logistics, including securing ethics approvals, procuring equipment, and overseeing documentation processes

Research Assistant

University of Waterloo School of Pharmacy
May 2021- Aug 2021

- Assessed the effectiveness of a mental health intervention using qualitative data
- Developed recommendations to meet, evaluate, and sustain community-based projects aimed at addressing unmet mental health needs
- Created visual materials to communicate project results and support stakeholder engagement

MASTER'S THESIS

Title: Sodium Glucose Co-Transporter 2 Inhibitor and the Risk of Ventricular Arrhythmia

Data Source: Clinical Practice Research Datalink Aurum

CONTACT

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EXPERTISE

Project Management
Epidemiology
Public Health
Study Design & Methodology
Systematic Review
Meta-Analysis
Statistical Analysis
Data Interpretation
Cohort Study
Power BI
Dissemination
Real-World Evidence

EDUCATION

Master of Science in Epidemiology
Pharmacoepidemiology Specialization
McGill University
2022-2025

Bachelor of Science in Health Science
Health Research Specialization
University of Waterloo
2017-2022

HOBBIES

Badminton
Running
Cooking