

Emma Yakimchuk, BSc

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Education

Medical Sciences MSc 2026–2027

Western University, London, Ontario

- Specialization: Developmental Biology

Honours BSc Specialization in Kinesiology with Distinction 2021–2025

Western University, London, Ontario

- 4 years of Dean's list
- Recipient of Western scholarship of distinction

Research Experience

Analytical Research Assistant - Mental and Sexual Health Services 2025

HQ Toronto, Toronto, Ontario

- Assisted in designing analytical approaches to evaluate non-concordance between substance-use screening tools in a sexual-health clinical population
- Conducted large-scale analysis on 10,000+ patient records in RStudio to investigate mental and sexual health needs among individuals with and without a history of methamphetamine use.

Senior Bioscience Research Project - Muscular Physiology 2024–2025

University of Western Ontario, London, Ontario

- Assisted in the recruitment of participants by clearly outlining the research procedures and rationale, ensuring informed consent.
- Utilized transcranial magnetic stimulation (TMS) and neuronavigation to assess motor cortex responses.
- Performed statistical analysis using MATLAB and Excel to interpret neural and muscular response trends.

Work Experience

Data Research Assistant 2025

HQ Toronto, Toronto, Ontario

- Managed and organized large volumes of sensitive health data within structured clinical systems.
- Worked closely with interdisciplinary teams to align data services with operational and service needs.

Medical Office Administrator

2024

One Vascular Imaging, Hamilton, Ontario

- Managed daily operations of a medical office, ensuring seamless scheduling of appointments for 100+ patients weekly
- Communicated effectively with patients to address inquiries, resolve complaints, and provide guidance on medical procedures
- Collaborated with multidisciplinary teams to coordinate care for emergency cases

Social Media Manager

2022

Challenger Baseball, Burlington, Ontario

- Developed comprehensive social media strategies, increasing visibility for an organization that provides team sport opportunities to children with physical and cognitive disabilities.

Volunteer Experience

Retirement Home Volunteer

2026

Tansley Woods Village, Burlington, Ontario

- Engaged older adults in meaningful one-on-one conversations to promote social connection and reduce feelings of isolation
- Assisted with recreational activities that encouraged cognitive stimulation and social engagement

Sexual Health Peer Navigator

2025

HQ Toronto

- Guided clients through clinic services, ensuring they felt informed and comfortable navigating sexual and mental health care while practicing confidentiality and inclusivity in an LGBTQ+ clinic.
- Educated clients on sexual and mental health services, testing procedures, treatment options, and follow-up care using clear, accessible, and evidence-based communication.

Kinesiology Learning Peer

2024–2025

Peer Assisted Learning Centre, University of Western Ontario,
London, Ontario

- Mentored undergraduate students by developing individualized learning strategies tailored to their academic goals, learning styles, and course demands.
- Participated in ongoing professional development focused on learning theory, student engagement, effective teaching practices, and interpersonal communication.

Other Relevant Skills

- Development of data analysis techniques in RStudio
- Biomedical research, literature review, and scientific data interpretation
- **Training and Certifications:** TCPS 2: CORE-2022, Biosafety and Biosecurity, CPR/AED Level C