

Research Student - Canadian Census

Internal Job ID: 2025-01

GEMINI (www.geminimedicine.ca) is a unique big data platform in the Canadian healthcare landscape using advanced methods and analytics to extract and standardize data captured in hospital electronic health records. We are based out of Unity Health Toronto, St. Michael's Hospital and currently exist at 30+ hospitals in Ontario. GEMINI is a collaborative data and analytics platform for all Ontario hospitals to accelerate research and quality improvement, leading to excellent hospital care.

Position Overview:

GEMINI is seeking an undergraduate research student to explore the wealth of neighbourhood-level socioeconomic data from the Canadian census. This project aims to expand GEMINI's use of census data to uncover the additional socioeconomic factors influencing health outcomes before individuals are admitted to the hospitals.

The hired student will be a part of Unity Health's [Keenan Research Summer Student Program](#), and expected salary range is \$17.56 - \$21.95 per hour.

Key Responsibilities:

- Participate in regular student meetings and one-on-one with your supervisor
- Learn about Canadian census data and how it is currently used at GEMINI
- Conduct literature review on how other health-related research use census data
- Find new census variables for GEMINI to use with strong rationale on its advantage and concrete use cases

Qualifications:

- Current undergraduate student
- Interest in socioeconomic and healthcare research
- A curious mind and a strong drive to learn
- Experience with any programming languages (R, Python, etc.) is preferred but not required
- Eligible to work in Ontario, Canada (e.g. Canadian citizenship, permanent resident, study permit, etc.)

Time Commitment:

Full time contract (37.5 hours per week) for at least 10 weeks from May to August 2025. Student will be expected to work in a hybrid environment with the ability to come into GEMINI's office (located at Li Ka Shing Knowledge Institute, Downtown Toronto) at least once a week.

How to Apply:

Please submit your CV/resume and a short paragraph on your interest in GEMINI (around 100 words) to gemini.data@unityhealth.to with the subject header "<Your Name> Application for Position 2025-01".