

Pharmacogenetics Fellowship – Ontario Shores Centre for Mental Health Sciences

Fellowship Description

The Pharmacogenetics Fellowship at Ontario Shores Centre for Mental Health Sciences (OSCMHS) offers an advanced, clinically focused training opportunity with a profound interest in precision psychiatry, psychopharmacology, and genomic medicine. OSCMHS is an academically affiliated 340 bed behavioral health teaching hospital located in Whitby, Ontario (near Toronto). This fellowship provides immersive exposure to the integration of pharmacogenetic testing into psychiatric treatment planning across complex patient populations with a focus on outpatients with mood disorders and inpatients with psychosis.

The fellow will work within Ontario Shores' specialized clinical programs, collaborating with psychiatrists, clinical pharmacologists, genetic specialists, pharmacists, researchers, and allied health professionals to support individualized, evidence-informed medication management.

Fellowship Objectives

The fellowship is designed to enable the trainees to:

- Develop advanced expertise in the clinical interpretation and application of pharmacogenetic testing in psychiatry
- Gain hands-on experience integrating genetic data into psychopharmacological decision-making
- Enhance skills in managing treatment-resistant and complex psychiatric presentations
- Understand ethical, regulatory, and health system considerations in genomic medicine
- Participate in clinical teaching, quality improvement, and/or research initiatives related to pharmacogenetics

Training Environment

Ontario Shores Centre for Mental Health Sciences is a teaching hospital affiliated with the University of Toronto, providing tertiary-level mental health care. The fellow will be embedded in interdisciplinary teams and will be actively involved in or have access to:

- Specialized inpatient and outpatient psychiatric programs
- Pharmacogenetic testing services and consultation models
- Academic rounds, case conferences, and teaching opportunities
- Research mentorship aligned with the fellow's interests (optional)

The fellowship emphasizes supervised clinical practice, academic development, and progressive autonomy.

Eligibility Criteria

Applicants must:

- Hold an MD and be eligible for a fellowship appointment with the University of Toronto
- Have completed, or be nearing completion of, a psychiatry residency (or equivalent training)
- Be eligible for medical licensure in Ontario
- Demonstrate a strong interest in psychopharmacology, personalized medicine, or genomic psychiatry

Fellowship Duration

- One year (12 months, with options to extend)
- Start date: Flexible

Stipend

- Total stipend: \$110,000 CAD/year
- Fellows can earn additional income by participating in ECT and evening/weekend coverage (though both are optional, and there is no required call)

How to Apply:

Interested applicants should submit:

1. Curriculum Vitae (CV)
2. Transcripts and/or copies of medical school and residency
3. Letter of Intent outlining clinical interests and goals for the fellowship
4. IELTS (Academic) test results no older than two years, with an overall minimum score of 7 (Mandatory at time of formal fellowship application)

Applications will be reviewed on a rolling basis until the positions are filled.

Contact Information

For further information or to apply, please contact:

Dr. Daniel Mueller: muellerd@ontarioshores.ca

For further details see also:

<https://www.ontarioshores.ca> and <https://PGxRC.ca>