

TRANSLATIONAL MEDICINE

Areas of Research

Translational Medicine is driven by our patients and their diseases. Guided by this primary focus, translational research spans across the spectrum from molecular and cell biology to preclinical models to patient studies and back again. Our research operates at the intersection of clinical and related sciences and will generate and lead discovery through an integrated process, increasing the efficiency of translating science knowledge into health improvement. The areas of research include, but are not limited to: Inherited Bleeding Disorders and Molecular Hemostasis, Gastrointestinal Motility Disorders, Dietetics and Human Nutrition, Neuroimmunology, Regenerative Cardiovascular Medicine, Pulmonary Hypertension, Vascular Disease in Chronic Renal Failure, Allergy/Immunology, Cancer and Cancer Clinical Trials, Neurologic Outcomes after ICU Admission, Cognitive Disorders, Atherosclerotic Heart Disease, Cardiac Arrhythmias, Sleep Apnea, Chronic Obstructive Pulmonary Disease Understanding Intraocular Immune Mechanisms, Policy Development for Health Programs, Biomedical Computing and Transcriptomics and Molecular Medicine.

Facilities

Most students will be housed within the research space of their supervisor. Translational Medicine facilities are located in QCPU (Queen's Cardiopulmonary Unit), GIDRU (Gastrointestinal Disease Research Unit), Etherington Hall, Botterell Hall, and Kingston Health Sciences Centre.

Financial Assistance

Graduate students are encouraged to apply for financial support in the form of fellowships and studentships from external granting agencies. Departmental policy ensures a minimum stipend support for graduate students. Students enrolled in the programs will receive funding packages to assist with living expenses and coverage of tuition: MSc – minimum \$25,000 per year for 2 years; PhD – minimum \$26,000 per year for 4 years.