

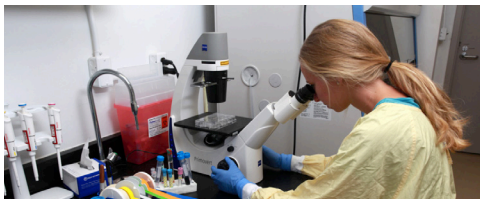
Translational Medicine PhD Map

Applying to and Navigating Graduate Studies

Why Graduate Studies in Translational Medicine?

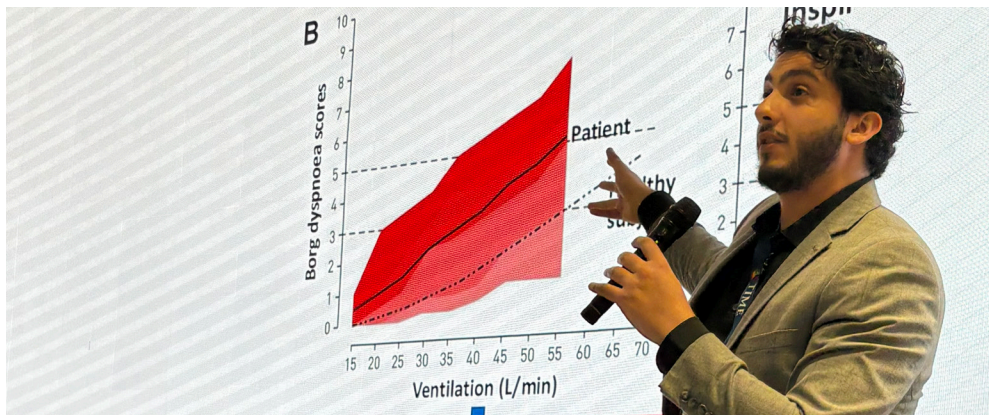
The Doctor of Philosophy (PhD) in Translational Medicine is a unique research-based graduate program. The program provides students with a fresh perspective, offering a curriculum interweaving graduate level research with authentic clinical experiences in a multidisciplinary environment across departments at Queen's University.

Combining the fields of medicine and research, this program links graduate level research skills with a variety of clinical experiences including patient interactions, clinical observerships, and medical rounds to enhance professional thinking and action. This innovative curriculum will offer important foundation work for future careers in the biomedical field, and will provide critical skills for pursuing careers that include clinician scientists, biomedical researchers, leaders in industry, and public health and/or health policy.



What is Translational Medicine?

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 programs aim to train the next generation of researchers to be effective translators



"The TMED program offers a truly unique blend of clinical exposure and research experience that creates a well-rounded and enriching training environment. Every aspect of the program is designed to foster rapid learning, growth, and support students in achieving their individual goals. From the incredible support of peers and faculty, to the diverse opportunities for collaboration and discovery, TMED has provided an exceptional foundation for both personal and professional development." - Abed Abu Hijleh, PhD'29 (Candidate)

of biomedical discovery. Our graduates will operate at the intersection of clinical and related sciences and will have the expertise to generate and lead discovery through an integrated process, increasing the efficiency of translating science knowledge into health improvement.

Program Structure

The PhD in Translational Medicine is a 4-year research-based program, which requires the completion of 12-credit courses (3 core courses 3-credits each, 1 3-credit elective), a comprehensive exam, and a thesis.

Visit the Translational Medicine website to read faculty profiles and learn more about their research areas and groups. When you find a faculty member with similar research interests to yours, contact them and tell them about your interest in graduate work and related experience.

Core Courses

- TMED 800 Translational Medicine
- TMED 801 Profession of Medicine
- TMED 802 Research Success Skills
- TMED 865 Cell Imaging Analysis (OPTIONAL elective)

Program Highlights

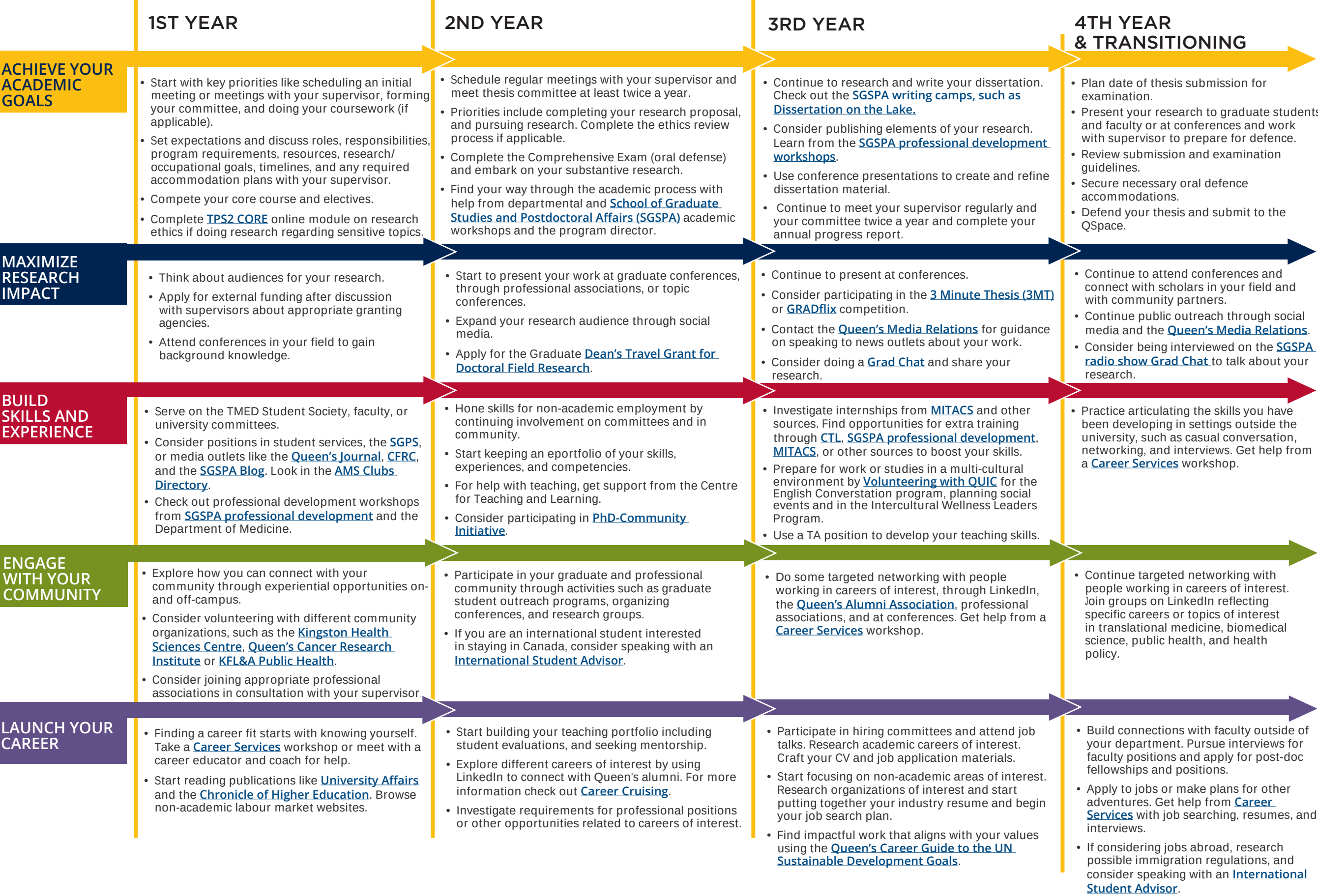
- Strengthen your academic education or enhance your career with advanced knowledge and skills
- Learn about translational medicine from an interdisciplinary perspective with authentic clinical experiences
- Experience team-based learning in a close-knit community
- Network with students, alumni, and leaders in this emerging field
- Complete a supervised project on a topic of your choice



Translational Medicine PhD Map

DOCTOR OF PHILOSOPHY (PhD)

How to use this map
Use the 5 rows of the map to explore possibilities and plan for success in the five overlapping areas of career and academics. To make your own custom map, use the My Grad Map tool: careers.queensu.ca/gradmaps.



Knowledge & Workplace Skills

- A graduate degree in Translational Medicine can equip you with:
- Knowledge and technical skills
 - Effective communication skills in multiple forms for diverse audiences
 - Information management: prioritize, organize, and synthesize large amounts of information
 - Time management: Meet deadlines and manage responsibilities despite competing demands
 - Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
 - Creativity and innovation
 - Perseverance
 - Independence and experience as a collaborative worker
 - Awareness, an understanding of sound ethical practices, social responsibility, responsible research, and cultural sensitivity
 - Professionalism in all aspects of work, research, and interactions
 - Leadership: initiative and vision leading people and discussion

Career Possibilities

- A PhD degree in Translational Medicine can take your career in many directions. Our students are equipped with a strong foundation for careers such as:
- Health research (research associates in universities, hospitals, government, public health units)
 - Medicine
 - Post-doctoral fellowships or academia
 - Public Health and Health Policy

Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.

Graduate Studies FAQs

How do I make the most of my time at Queen's?

Use the Grad Map to plan for success in five overlapping areas of your career and academic life. Everyone's journey is different - the ideas on the maps are just suggestions to help you explore possibilities. For more support with your professional development, take advantage of the SGSPA professional development framework and the Professional Development Plan (PDP) process to set customized goals to help you get career ready when you graduate.

Where can I get help?

Queen's provides you with a broad range of support services from your first point of contact with the university through to graduation. Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming environment offers the programs and services you need to be successful, both academically and personally. Check out the [SGSPA website](#) for available resources.

What is the community like?

Queen's offers graduate students from every discipline a close-knit intellectual community where they can learn, discover, and build lasting connections. With more than 130 graduate programs across 50+ departments and research centres, students benefit from world-class scholars, prize-winning professional development, generous funding packages, and life in the historic waterfront city of Kingston. The campus sits at the heart of Kingston, just a 10-minute walk from downtown's shops, restaurants, and waterfront, and is deeply integrated with the local community. For more on Kingston's history and culture, see Queen's University's Discover Kingston page.

Application FAQs

What do I need to know to Apply?

APPLICATION DEADLINE

- February 1

ACADEMIC REQUIREMENTS

- A master's degree from a recognized university with a minimum of an A- average. At Queen's an A- is equivalent to a percentage conversion of 80-84.9% and a Grade Point Average of 3.7 (out of 4.3).

ADDITIONAL REQUIREMENTS

- Applications for admission are completed and submitted on the School of Graduate Studies and Postdoctoral Affairs website, including an online application form and specific instructions regarding how to submit the following documents:
 - A Statement of Interest about how applicants' background experiences and career aspirations make them ideally suited for the program (up to 4,000 characters in the online application);
 - Transcripts for all postsecondary education;
 - Two references from individuals familiar with the applicant's academic performance
- Applicants are required to submit an electronic resumé/ curriculum vitae to tmed@queensu.ca.

LANGUAGE REQUIREMENTS

- If English is not a first language, nor was the language of instruction in undergraduate studies, prospective students must meet English language proficiency requirements in writing, speaking, reading, and listening as part of the application process, and before final acceptance is granted, as per School of Graduate Studies and Postdoctoral Affairs' regulations.

Before you start your application, please review the Graduate studies application process.

What about Funding?

We currently offer our PhD students a minimum funding of \$29,000 per academic year. Apply for external funding from the Ontario Graduate Scholarship, CIHR/ NSERC, and other sources. For more information on awards and scholarships, consult the School of Graduate Studies and Postdoctoral Affairs' website.

