

Combined Medicine and Graduate Research

MD/PhD and
MD/Master's

Why combine MEDICINE and GRADUATE RESEARCH?

Offered jointly by the School of Medicine and the School of Graduate Studies and Postdoctoral Affairs, the combined MD/PhD and MD/Master's programs at Queen's University allow students to combine innovative medical training with graduate level research training. Over 180 distinguished faculty members from eleven leading graduate programs participate, teach, and supervise graduate students in the Combined Medicine and Graduate Research program.

The combined MD/PhD and MD/Master's Programs provide benefits to both scholarship and to the professional development of physician-scientists by allowing better integration of clinical and research training experiences, and also provide better opportunities for fostering translational research. Students in combined MD/graduate programs bring a distinctive, clinical/translational perspective into their laboratories, and conversely, these students also bring a basic science perspective to share with their fellow medical students.

Why QUEEN'S?

Students admitted into our competitive program combine graduate research training with medical education. Students have the opportunity to work in our new state-of-the-art School of Medicine building that allows for the integration of modern teaching methods, technology, and interdisciplinary practices to provide a truly exceptional medical and research training experience.

Our program also allows for the effective integration of the clinical and basic sciences during the pre-clerkship years and for tailoring the program to individual student needs at the Master's and PhD levels.



"I chose this program not only because of the quality of research that is taking place at Queen's, but also because there is a wonderful sense of community and pride at Queen's that I couldn't wait to be a part of."

- Ellen van Rensburg, MD/PhD Candidate

Graduates from our program are well equipped to pursue careers in academic medicine, pursue postdoctoral or research intensive residency training, and contribute to Canada's increasing capacity for basic clinical, translational, and patient-oriented research.

Program STRUCTURE

M.D./Master's (5 years, full time). Complete first 2 years of MD program, then 1 year full-time enrollment in graduate program (coursework plus thesis), then last 2 years of MD program.

M.D./Ph.D. (7 years, full time). Complete first 2 years of PhD program (coursework, comprehensive exam, and research), then complete first 2 years of MD program, 1-1.5 years in PhD to complete research and thesis, then complete the last 2 years of the MD program.

Participating GRADUATE PROGRAMS

- Biomedical Engineering (Collaborative Program)
- Biomedical and Molecular Sciences
- Cancer Research (Collaborative Program)
- Chemistry
- Computing
- Epidemiology
- Kinesiology and Health Studies
- Neuroscience
- Pathology and Molecular Medicine
- Rehabilitation Science
- Translational Medicine



GRADUATE STUDIES AND
POSTDOCTORAL AFFAIRS

Medicine and Graduate Research

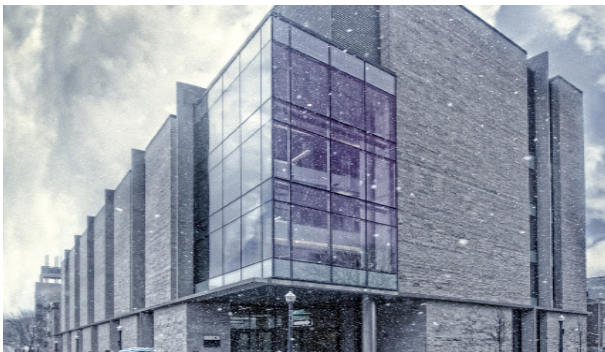


Faculty RESEARCH and SUPERVISION

We encourage you to identify an area of research interest and contact potential supervisors in a participating graduate program before applying. Links to participating graduate programs and faculty members interested in supervising graduate research may be found on the MD/PhD website at: meds.queensu.ca/education/md_phd/graduate_faculty

What about FUNDING?

Master's and PhD students receive at least the minimum guaranteed stipend for the graduate program in which they are enrolled during their periods of eligible full-time graduate study. During periods of study in the MD program, MD/PhD students receive a stipend of at least \$25,000/year and MD/Master's students receive \$15,000 in the first two years of the MD program. All Master's and PhD students are also encouraged to apply for additional funding through federal, provincial, and private sector sources. Queen's automatically issues a one-time \$5,000 and \$10,000 top up award to Tri-Council Master's and PhD award holders respectively (e.g., CIHR, NSERC) in their first year.



Application FAQs

What do I need to know to APPLY?

STEP 1. Applicants must complete and submit a regular application to the MD program online via the OMSAS web site (<https://www.ouac.on.ca/omsas/>). There, applicants must indicate their request to be considered for a combined program by checking the appropriate box on the application form.

STEP 2. Applicants must also submit an MD/PhD-MD/Master's application form to the following email address: mdphd@queensu.ca. Please visit the program website shown above for OMSAS, program, and funding deadlines.

STEP 3. If accepted to either the MD/PhD or MD/Master's program, applicants must also identify a research supervisor and complete a School of Graduate Studies and Postdoctoral Affairs online application for the graduate program in which they have research interests.

ELIGIBILITY

Students applying to the combined programs will have met the admissions requirements and will have been accepted into both the MD program and the chosen graduate program. The minimum requirement for the MD/PhD or MD/Master's Programs is an Honours baccalaureate degree. Students with a Master's degree or graduate students in the second year of a Master's program are also eligible to apply.

Students registered in a Master's program at the time of application must complete the requirements for the Master's degree prior to entry into the combined MD/PhD program, unless promoted to the PhD program through the Mini-Master's route (Queen's students only). Applicants must have an obvious and demonstrated research potential.

APPLICATION MATERIALS

Once applicants have determined their eligibility, they must gather the necessary documents to accompany their completed application form. Applicants must include copies of all undergraduate and graduate transcript(s) (photocopies are acceptable); an up-to-date Curriculum Vitae; a letter of intent indicating their research interests and accomplishments, and graduate program(s) of interest; abstracts of any publications, if applicable; and two confidential letters of recommendation (to be submitted under separate cover) focusing on the applicant's research accomplishments and potential to become a physician-scientist. The letters of recommendation should be written on the Recommendation Form template available on the MD/PhD-MD/Master's website.

The APPLICATION PROCESS?

Applications are first assessed by the Admissions Committee for the Undergraduate MD Program. Only when the applicant is invited for interview will the application be reviewed and ranked by the MD/PhD-MD/Master's Program Committee. Applications to be considered by the MD/PhD-MD/Master's Program Committee are first reviewed by the Graduate Admissions Committee of the applicant's stated graduate program(s) of interest. Applicants who meet the admissions requirements and are acceptable to the chosen graduate program(s) are then ranked by the MD/PhD-MD/Master's Program Committee. Highly ranked candidates are then invited for interview. Interviews by the MD/PhD-MD/Master's Program Committee will coincide with the applicant's interview for the MD Program. Following the completion of interviews, the MD/PhD-MD/Master's Program Committee ranks the candidates.

After offers of admission to either program are made, a graduate research supervisor must be identified, and an application submitted to the appropriate graduate program through the regular process (School of Graduate Studies and Postdoctoral Affairs).

Please note that application materials already submitted to the MD/PhD-MD/Master's Program will be forwarded to the appropriate graduate program. Final acceptance into the MD/PhD or MD/Master's Program is conditional on acceptance from the School of Graduate Studies and Postdoctoral Affairs. Those who are not offered admission to the MD/PhD-MD/Master's Program will be ranked together with the other candidates invited for interview for the Undergraduate MD Program.