Why combine MEDICINE and GRADUATE RESEARCH?

Offered jointly by the School of Medicine and the School of Graduate Studies, the combined M.D./Ph.D. and M.D./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 eight leading graduate programs participate, teach and supervise graduate students in the Combined Medicine and Graduate Research program.

The combined M.D./Ph.D. and M.D./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.

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.

“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
M.D./PhD Candidate

Program STRUCTURE

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

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

Participating GRADUATE PROGRAMS

- Biomedical Engineering (Collaborative Program)
- Biomedical and Molecular Sciences
- Biochemistry & Cell Biology
- Experimental Medicine
- Microbes, Immunity & Inflammation
- Reproduction & Development Sciences
- Therapeutics, Drug Development & Human Toxicology
- Cancer Research (Collaborative Program)
- Computing
- Epidemiology
- Neuroscience
- Pathology and Molecular Medicine
- Rehabilitation Science
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, M.D./Ph.D. students receive a stipend of $25,000/year and M.D./Master’s students receive $15,000 in the first two years of the M.D. program. All Master’s and Ph.D. students are also encouraged to apply for additional funding through federal, provincial and private sector sources. Queen’s automatically issues a one-time $5000 and $10000 top up award to Tri-Council Master’s and Ph.D. award holders respectively (e.g., CIHR, NSERC) in their first year.

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-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).

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. 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.