

Collaborative Graduate Program with a Specialisation in

Cancer Research

M.Sc. and Ph.D.



Why GRADUATE STUDIES in CANCER RESEARCH?

Graduate students and their work are an important part of the cancer research community. In our collaborative program in Cancer Research, students can pursue cutting edge research and innovative projects in a broad range of areas from prevention, diagnosis and management of cancer to development of cancer policy.

The collaborative program in cancer research is jointly offered by the Departments of Public Health Sciences, Pathology & Molecular Medicine, Psychology, and Biomedical & Molecular Sciences.

Graduate students in the Cancer Research collaborative M.Sc. and Ph.D. programs have centralized access to a broad range of cancer research opportunities available to them within the Faculty of Health Sciences, and at Queen's University as a whole. The collaborative program provides an intellectual focus on cancer and connects researchers and graduate students with different perspectives on this area. The program encourages interactions of researchers and students with common interests in cancer, regardless of departmental home, and at the same time facilitates productive interaction between individuals involved in different research areas, all focused on different aspects of cancer research.

Why QUEEN'S?

Our established strengths in graduate education in Cancer Research at Queen's span many research areas from structural and tumour biology and genetics, through epidemiology to outcomes research, cell signaling, and health policy development.

Our multidisciplinary collaborative program also provides students with opportunities to pursue their studies within nationally and internationally recognized centres of Cancer Research excellence at Queen's University.

Many of our graduates find employment opportunities in the area of cancer research or related fields, in industry and health research institutions, government agencies, pharmaceutical companies, private industry, and academic centres.



Program STRUCTURE

M.Sc. 24 months (full time)

Ph.D. 36 months (full time).

One or more designated Cancer Research recommended courses either as part of requirement or electives of the student's home department, or in addition to those requirements; participation in the Cancer Research Seminar Series; and a thesis project in an area of Cancer Research.



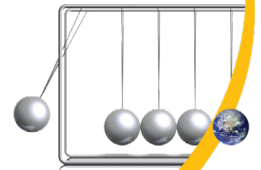
Research AREAS

- Molecular Epidemiology
- Cancer Genetics, Gene Regulation and Molecular Diagnostics
- Drug Development & Experimental Therapeutic
- Cellular Regulation & Signal Transduction in Cancer Cells
- Cancer Care & Service Delivery
- Outcomes Research and Health Policy Development
- Drug Metabolism and Disposition
- Molecular Mechanisms of Carcinogenesis

Research RESOURCES

- Cancer Clinical Trials Group
- Institute for Clinical Evaluative Sciences
- Queen's Laboratory for Molecular Pathology

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Cancer Research



Faculty RESEARCH and SUPERVISION

BIOMEDICAL AND MOLECULAR SCIENCES

- A. Craig - Associate Professor
- C. Graham – Professor
- Z. Jia - Professor
- M. Koti - Assistant Professor
- C. Mueller - Professor
- T. Massey - Professor
- K. Nakatsu - Professor
- M. Petkovitch - Professor
- S. Smith - Professor
- L. Raptis – Professor
- L. Winn - Professor

PUBLIC HEALTH SCIENCES

- K. Aronson - Professor
- C. Booth - Associate Professor
- M. Brundage - Professor
- J. Flemming - Assistant Professor
- P. Groome - Professor
- A. Johnson - Associate Professor
- W. King - Associate Professor
- W. Mackillop - Professor
- P. Peng - Professor
- H. Richardson - Associate Professor

PATHOLOGY AND MOLECULAR MEDICINE

- D. Berman - Professor
- S. Cole - Professor
- S. Davey - Professor
- H. Feilotter - Professor
- P. Greer - Professor
- D. Lebrun - Professor
- L. Mulligan - Professor
- C. Nicol - Professor
- M. Rauh - Assistant Professor
- N. Renwick - Assistant Professor
- S. SenGupta - Professor
- X. Yang - Professor

PSYCHOLOGY

- J. Jacobson - Associate Professor
- L.J. Ji - Professor
- C. Pukall - Professor
- D. Tripp - Associate Professor

Application FAQs

What do I need to know to **APPLY**?

- Students must first be admitted to a participating graduate program and department and must meet the specific admission requirements of that home program (Public Health Sciences, Biomedical & Molecular Sciences, Pathology & Molecular Medicine, Psychology).
- Contact the appropriate Program Graduate Assistant to indicate your interest in completing the specialisation *prior* to submitting the online application. Also contact potential supervisors within your area of research to discuss enrolment in the Collaborative Program. Once you have identified a supervisor, you will be registered in the home department and may then apply for admission to the Collaborative Program.

ELIGIBILITY

Before starting your application, please review the eligibility requirements for the home program in which you have interest.

DEADLINES

- BIOMEDICAL AND MOLECULAR SCIENCES: February 15th
- PUBLIC HEALTH SCIENCES: January 31st
- PATHOLOGY AND MOLECULAR MEDICINE: February 1st
- PSYCHOLOGY: December 1st

What about **FUNDING**?

Fellowships and teaching assistantships are available through the University and are automatically considered upon admission. Full-time students are encouraged to seek external financial support and to apply for funding from NSERC, CIHR, OGS, ACCELERATE Ontario, and other sources. Queen's automatically issues a one-time \$5,000 top-up to federal tri-council Master's scholarship holders in their first year of study and a one-time \$10,000 top-up to tri-council doctoral scholarship holders. For more information, see the School of Graduate Studies' information on awards and scholarships and the department's graduate awards page.

CONTACT Information

For more information, contact the representative of the Department that is best aligned with their research interests.

- **BIOMEDICAL AND MOLECULAR SCIENCES**
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- **PSYCHOLOGY**
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