"The research excellence and flexibility that LMP offered during my PhD allowed me to develop my highly specialized research niche in host biomarkers for infectious diseases. This experience has led to further research, and I'm currently involved in a field trial testing a novel therapy for children with severe malaria in Jinja, Uganda with the University of Toronto."

Andrea Conroy, HBSc, PhD

"The diversity of the department exposed me to a wide variety of research areas with a focus on mechanisms of disease. Currently, I use this specialized knowledge for my position in Regulatory Affairs at Health Canada. As a Scientific Evaluator, I am tasked with analyzing the potential risks of pharmaceuticals that Canadians use on a daily basis."

Kevin Donato, HBSc, PhD

APPLYING TO LMP

With limited enrolment, it's important to apply early, secure a supervisor and apply for awards.

- Annual application deadline: June 1

Requirements:

- BSc or equivalent.
- Minimum A- (80%) average in 3rd and 4th year with advanced coursework in molecular and cellular biology, biochemistry, genetics and physiology.
- Strong academic references.
- Research experience is an asset for MSc applicants, and research productivity is expected from PhD applicants.

SELECTING A SUPERVISOR

Selecting a supervisor is one of the most important steps when applying to graduate studies. Your supervisor will serve a significant role in your research for the next several years. Begin your search early and visit our comprehensive Faculty Research Database at **www.lmp.utoronto.ca.**

TIPS:

- Send a personalized cover letter to your potential supervisor and express an interest in their research. Highlight your research potential and interpersonal skills.
- Request an interview with your potential supervisor.
- Meet other graduate students and trainees in the lab to help you decide if you are a good fit.

Laboratory Medicine & Pathobiology
1 King's College Circle, 6th Floor
Medical Sciences Building, University of Toronto
Toronto, ON, M5S 1A8 | Email: lmp.grad@utoronto.ca

For more information, visit

www.lmp.utoronto.ca

LMP GRADUATE PROGRAM

Laboratory Medicine & Pathobiology
UNIVERSITY OF TORONTO

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INVESTIGATING DISEASE. IMPACTING HEALTH.

Interested in investigating the causes and mechanisms of disease and impacting global health?

As one of the largest and most diverse departments of its kind, the Department of Laboratory Medicine and Pathobiology (LMP) offers you unprecedented opportunities to pursue your MSc or PhD degree in the life and biomedical sciences.

We occupy a special place at the interface between basic biomedical science and clinical practice. Our close connections with the University of Toronto's teaching hospitals and research institutes foster unique interactions that lead to new discoveries and accelerate progress in personalized medicine and health.

WHY CHOOSE LMP?

- Interact with internationally recognized faculty involved in a wide spectrum of biomedical research.
- Use cutting-edge techniques to investigate the molecular mechanisms of disease.
- Develop critical thinking skills and prepare yourself for a wide variety of careers.
- Take advantage of our annual travel awards, which are available to every student, and present your research at local, national and international conferences.
- Network and make valuable connections with faculty, alumni and other students/trainees at seminars, conferences and department events.

OUR STUDENTS

- Frequently publish their findings in high-impact journals such as *Nature, Nature Genetics, Nature Medicine, Developmental Cell, Cancer Cell,* and *The Journal of Clinical Investigation.*
- Are highly competitive for external awards and research funding. Our department maintains high annual nomination quotas for prestigious awards.
- Complete their graduate studies in excellent time:
  Average time for MSc: 2 years
  Average time for PhD: 5 years

CAREER OPTIONS

We prepare students for a wide variety of careers in academia, hospital settings, government, consulting and the private sector.

- 97% of MSc and PhD graduates are employed or are pursuing further studies.

DIVERSE RESEARCH

With over 150 world-renowned graduate faculty, LMP is involved in a broad spectrum of research at state-of-the-art facilities. Conducting research at the basic, pre-clinical and clinical level, our scientists investigate the following areas:

- Brain & Neuroscience
- Cancer
- Cardiovascular Disease
- Genetics, Genomics & Proteomics
- Hematopathology
- Human Development & Aging
- Infectious Diseases & Immunopathology
- Metabolism & Nutrition
- Molecular & Cell Biology

FUNDING & AWARDS

You will receive a competitive stipend which includes a living allowance and covers the cost of tuition and incidental fees. Students who receive major external scholarships will receive a generous merit bonus.

LMP offers numerous awards, and all new graduate students are offered an entrance fellowship as part of their stipend. We also provide guidance on how to apply for awards from external agencies, research institutes and U of T.

COURSES

With a diverse selection of courses and a low course load, your main focus is your research and developing your lab skills.

- MSc and PhD candidates complete one core course and actively participate in an engaging seminar series.
- PhD candidates take three additional half courses relevant to their field of study and chosen from within or outside the life sciences.

LIFE OUTSIDE THE LAB

Enjoy life outside the lab and connect with other students. Whether it's a holiday party, a networking event, hanging out at the pub, playing intramural sports or making sushi, our student association, CLAMPS, hosts entertaining year-round events.

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