

FIELD OF SPECIALIZATION

Anatomical Sciences

The Department of Biomedical and Molecular Sciences at Queen's University offers a 16 month Master of Science program in Anatomical Sciences. This program is structured around three pillars of competency (content, pedagogy, inquiry) and designed to educate students interested in the art of teaching and designing curricula in the anatomical sciences.

CAREERS

Graduates of our M.Sc. Anatomical Sciences program have pursued careers at both Canadian and foreign colleges and universities in educational, teaching and technical positions, education in the private business sector, or have gone on to further their education (allied health professional, M.D. or Ph.D. programs).

METHODS OF COMPLETION

Course work, practicum and independent research project.

Course Work: Principles of Teaching & Learning, Microteaching, Curriculum Design, Advanced Gross Anatomy, Embryology, Neuroanatomy, and Histology, Histology Techniques.

Practicum: Dissection, Techniques in Specimen Preparation, Histology Techniques, Electronic Media, Digital Imaging Techniques for Anatomical Sciences, Classroom and Laboratory Teaching.

Independent Research Project: Topics in Anatomy and Cell Biology or other Basic Sciences, Pedagogy in Anatomical Sciences, Instructional Technology.

CORE FACULTY

Dr. Ronald Eastal: Dr. Eastal has been teaching anatomy at Queen's since 1975 and has introduced many innovative methods in educating students in the field of Anatomical Sciences and has authored/coauthored several learning resources that have been valued by our anatomy students since 2004. Dr. Eastal was the recipient of the 2007 Chancellor A. Charles Baillie Teaching Award, Queen's University.

Dr. Leslie MacKenzie: Dr. MacKenzie is the Director for the Pattern II M.Sc. program in Anatomical Sciences. Over the past decade, Dr. MacKenzie has distinguished himself as an outstanding educator in anatomy. Dr. MacKenzie was the recipient of the 2009 Alumni Award for Excellence in Teaching at Queen's University, attesting to his commitment and innovations in undergraduate education.

Dr. Stephen Pang: Dr. Pang's research program focuses on the structure and function of the cardiovascular system in health and disease. Over the past twenty years, Dr. Pang has been actively establishing internet-based learning resources for students and teachers of Anatomy leading to the debut in 2000 of an internet-based learning resource named Scalable Gross Anatomy and Histology Image Catalogue (SGAHIC).

Dr. Conrad Reifel: Dr. Reifel focuses his effort in teaching Gross Anatomy and Embryology in the Medical and Life Sciences program as well as organizes the Prosection Program at Queen's University. Dr. Reifel has won the Aesculapian Lectureship Award, School of Medicine at Queen's University for the past ten consecutive years.

