The Anatomical Research Fund
A TRUST FUND

Advancing Anatomical Research and Training for Young Medical Researchers in Manitoba

Faculty of Medicine
Human Anatomy and Cell Science
History

The Anatomical Research Fund was established in 1969 to advance research and medical education.

The Department of Human Anatomy and Cell Science, located in the Basic Medical Sciences Building on the Bannatyne Campus has an international reputation for excellence in both medical research and education.

Department members author many textbooks used internationally and perform state-of-the-art interdisciplinary bio-imaging and biomedical research.

Anatomy consists of several sub-disciplines; developmental anatomy, anatomy of cells and tissues, anatomy of the nervous system and gross anatomy. All four elements are essential components of ongoing medical training and areas of technological innovation and scientific advance.
Anatomy is one of the oldest medical sciences. It remains the cornerstone of medical education. Today’s anatomists teach the next generation of students in such health professions as medicine, dentistry, pharmacy, and medical rehabilitation. Anatomists provide the essential foundation for the future success of our students in their clinical careers. Anatomy researchers also create new knowledge. In collaboration with clinical partners, they are at the forefront of studies on three-dimensional imaging and the molecular and cellular structure-function relationships of the body.

**Anatomical Research Fund Scholarships**

**An investment in the future**

The Anatomical Research Fund serves as an important resource for continuing professional development within the Department of Human Anatomy and Cell Science.

It provides much needed scholarship support for young and talented scientists pursuing careers in the anatomical and cell sciences.
Advancements in Research

Researchers at the Department of Human Anatomy and Cell Science take a leading role in investigating:

- Growth factors in heart disease
- Molecular basis of disorders of the nervous system
- Regulation of cancer cell growth and metastasis
- Stem cell research and regenerative medicine
Dedicated Manitoba anatomists and their graduate students (clinical and basic science) set international standards of excellence in studies on cellular mechanisms of disease and in preclinical research and proof-of-concept experiments leading to novel discoveries and therapies for diseases. We believe in a trans-disciplinary approach and closely collaborate with our clinical partners. These clinical collaborations have resulted in the establishment of the only brain cancer and thyroid cancer cell banks in Manitoba located at the Anatomy department.

Manitoba anatomists are among the first to use new super-resolution microscopy. We also provide support for electron microscopy and other advanced 3D imaging capabilities available to researchers across campus to offer a unique and unsurpassed 3D imaging of subcellular structures in healthy and diseased tissues and cells.

Anatomy faculty members offer educational courses for undergraduate and graduate students in the areas of microscopy, histology, gross anatomy, neuroanatomy, embryology, scientific writing. They also provide support for many other educational programs at the Faculties of Medicine, Dentistry, and Pharmacy.
How can you help?

You can help us in supporting a bright future for anatomical researchers and teachers at the University of Manitoba by donating to the Anatomical Research Fund.

Your donation will help:

Provide training opportunities for the next generation of young scientists and clinicians undertaking research into leading causes of human disease.

Augment our mission to provide a first-class medical education by enabling us to continually employ new and exciting teaching tools and methods.

Please send donation to:

Anatomical Research Fund  
C/O University of Manitoba  
Department of Human Anatomy and Cell Science  
Faculty of Medicine, The University of Manitoba  
130 Basic Medical Sciences Building  
745 Bannatyne Avenue  
Winnipeg, MB R3E 0J9

For further information, please contact The Department of Human Anatomy and Cell Science directly.

TELEPHONE: 204-789-3411  
FAX: 204-789-3920  
EMAIL: anatomycellsci@umanitoba.ca

An official tax receipt will be mailed under Revenue Canada Taxation Registration #11926-0669-RR0001
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