

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	Anatomy and Cell Biology	
Degrees Offered:	MSc PhD	
Approved Fields:	Clinical Anatomy Cell Biology Neurobiology	
External Consultants:	Wojciech Pawlina, Chair, Department of Anatomy, Mayo Clinic College of Medicine and Science	Thomas Kislinger, Professor, Department of Medical Biophysics, University of Toronto
Internal Reviewers:	Jisuo Jin, Associate Dean, Faculty of Science, Member of SUPR-G	Jina Kum, Pathology Graduate Student
Date of Site Visit:	February 28 – March 1, 2018	
Evaluation:	<i>Good Quality</i>	
Approved by:	<i>SUPR-G on April 25, 2018</i> <i>SCAPA on May 30, 2018</i>	

Executive Summary

In terms of the program design, the quality and engagement of the faculty members in teaching and research, and graduate students' dedication to their learning outcome and success, the external reviewers provided **very positive evaluations** during this cyclical review. The relatively young Clinical Anatomy PhD program (thesis-based, created as a response to the recommendation from the previous graduate program review) received high praises from the reviewers for its success and uniqueness in North America. Both the major and minor recommendations, as detailed below, have more to do with further developing the strengths of the three streams (Thesis-based MSc and PhD in Cell Biology, Neurobiology, and Clinical Anatomy, and Course-based MSc in Clinical Anatomy) in the Anatomy and Cell Biology Graduate Program (ACB), rather than addressing any significant inadequacies.

Significant Strengths of Program:

- The educational component of the ACB graduate program is considered a gem, which copies a unique niche and is highly regarded in North America, mainly because of the well-trained clinical anatomists who have been sought after by many North American universities as educators in this field.
- The program is strong and collaborative in nature, integrating anatomy, cell biology, and neurobiology, with some faculty having close collaborations with the Brain and Mind Institute for research and graduate student training.
- Highly enthusiastic faculty and staff, and dedicated graduate students, with a good sense of working together to develop and improve the graduate program.

Suggestions for improvement & Enhancement:

- *Areas for improvement and opportunities for enhancement*
Better branding and promotion of the unique and successful educational component of clinical anatomy.
- *Steps the program can or should take for improvement*

Develop a rotation program for new graduate students to improve matching with potential supervisors. This is considered by the external reviewers as a widely adopted practice in most other life sciences programs in Canada and elsewhere.

- *Improvements that require support or assistance beyond the program*
Clinical Anatomy Laboratory Renovation. This lab handles a fairly large number of cadavers for clinical anatomy and dissection. The working environment needs some improvement, especially brighter lighting and better ventilation will help improve the health and safety standard of this lab.

Recommendations required for Program sustainability:	Responsibility	Resources	Timeline
Investigate potential health and safety concerns in the clinical anatomy laboratory regarding ventilation and lighting	Dean Department Chair Graduate Program Chair	University Health and Safety Committee	Immediate
Explore a rotation program for new graduate students to optimize match with supervisors.	Vice Dean of Schulich Department Chair Graduate Chair Graduate Committee		Starting in the 2018-19 or 2019-2020 academic year.
Strengthen interactions with the Faculty of Education re clinical education / teaching	Department Chair Graduate Program Chair Graduate Committee		This is an ongoing process
Enhance interactions between students in the clinical and research stream, through more shared seminars and courses	Department Chair and Graduate Committee	No extras resources required	This is already an action item in the Strategic Plan (2017-2022)