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

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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: | Good Quality
| Approved by: | SUPR-G on April 25, 2018
|                | SCAPA on May 30, 2018

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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.

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