

**CARLETON UNIVERSITY**

**Department of Mechanical and Aerospace Engineering**

**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Olivia Chamberland*  
*Bachelor of Science, Mount Allison University, 2019*

**DATE:** *Thursday December 16, 2021, 10:00 Video Conference*

**THESIS TITLE:** *Neural Network Based Predictions for the Aerodynamic Performance of Flapping Wings*

**EXAMINATION BOARD:**

<b>Member of Department</b>	Alanna Wall, Mechanical & Aerospace Engineering	(Video Conference)
<b>Member of Joint Institute</b>	Eric Lanteigne, Mechanical Engineering - University of Ottawa	(Video Conference)
<b>Thesis Supervisor</b>	Jeremy Laliberte, Mechanical & Aerospace Engineering	(Video Conference)
<b>Thesis Co-Supervisor</b>	Fidel Khouli, Mechanical & Aerospace Engineering	(Video Conference)
<b>Thesis Co-Supervisor</b>	Jeffery Dawson, Department of Biology	(Video Conference)
<b>Chair of Defence</b>	Rishad Irani, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair/Director of Department or Designate</b>	Ronald Miller	(Ex-officio)
<b>Dean of Faculty</b>	Larry Kostiuk	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Patrice Smith	(Ex-officio)

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**Ronald Miller, Chair/Director of Department or Designate**  
**Department of Mechanical and Aerospace Engineering**