

**CARLETON UNIVERSITY**  
**School of Mathematics and Statistics**  
**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Patric Harrigan*  
*Bachelor of Science (Honours), Acadia University, 2021*

**DATE:** *Friday September 08, 2023, 1300 510 Tory*

**THESIS TITLE:** *A Frequentist Approach to Individual-Level Models for Modelling Epidemics*

**EXAMINATION BOARD:**

<b>Member of Joint Institute</b>	Raluca Balan, Department of Mathematics and Statistics, Ottawa University	(In Person)
<b>Member of Department</b>	Sanjeena Dang, School of Mathematics and Statistics, Carleton University	(In Person)
<b>Thesis Supervisor</b>	Mohamedou Ould Mohamed Abdel Haye, School of Mathematics and Statistics, Carleton University	(In Person)
<b>Thesis Co-Supervisor</b>	Yiqiang Zhao, School of Mathematics and Statistics, Carleton University	(In Person)
<b>Chair of Defence</b>	Zhicheng Gao, School of Mathematics and Statistics, Carleton University	(In Person)
<b>Chair/Director of Department or Designate</b>	Robert Burk, ms-dir@math.carleton.ca	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Patrice Smith, Faculty of Graduate and Postdoctoral Affairs	(Ex-officio)