DR. ALICE LACAZE-MASMONTEIL

PERSONAL INFORMATION

NATIONALITIES:	Canadian and French
CURRENT ADDRESS:	3737 Wascana Pkwy, Regina, SK S4S 0A2, Canada
WEBSITE:	`https://alicelacaze-masmonteil.github.io`
EMAIL:	alice.lacaze-masmonteil@uregina.ca
PRONOUNS:	She/her/hers

ACADEMIC POSITIONS

University of Regina, Regina, SK, Canada 2024 - 2026
Pacific Institute for the Mathematical Sciences (PIMS) - Centre National de la Recherche Scientifique (CNRS) Post-doctoral Fellow
Advisor: Karen Meagher

Monash University, Melbourne, VIC, Australia 2023
Visiting Ph.D. Student

EDUCATION

University of Ottawa, Ottawa, ON, Canada 2020 - 2024
Doctorate of Philosophy in Mathematics and Statistics
Advisor: Mateja Šajna
Thesis title: Certain resolvable directed cycle decompositions of directed graphs

Acadia University, Wolfville, NS, Canada 2017 - 2019
Master's of Science
Advisor: Nancy E. Clarke
Thesis title: Some problems on the game of Ambush Cops and Robbers

Acadia University, Wolfville, NS, Canada 2012 - 2017
Bachelor of Pure and Applied Sciences with Honours

PUBLICATIONS

Journal Articles Published

[1] **A. Lacaze-Masmonteil**, Completing the solution of the directed Oberwolfach problem with cycles of equal length, *Journal of Combinatorial Designs*, **32** (2024), 5-30.

Journal Articles Under Review

[2] D. Horsley and **A. Lacaze-Masmonteil**, Completing the solution of the directed Oberwolfach problem with two tables, submitted on August 2024.

[3] **A. Lacaze-Masmonteil**, Decompositions of the wreath product of certain directed graphs into directed hamiltonian cycles, submitted on October 2024.

[4] **A. Lacaze-Masmonteil**, Hamiltonian decompositions of the wreath product of hamiltonian decomposable digraphs, submitted on December 2024.

FELLOWSHIPS, SCHOLARSHIPS, AND PRIZES

All monetary values are in Canadian dollars (CAD).

PIMS-CNRS Postdoctoral Fellowship 2024 - 2026
Valued at $30,000 per year for two years with a contribution from the University of Regina and Prof. K. Meagher of $32,000 per year.

University of Ottawa Department of Mathematics and Statistics Outstanding Student Paper Prize	2023

This prize is awarded annually to the best paper published by a student.

Peter Rodney Memorial Book Prize	2023

Awarded to the best student talk given at the 27th Ontario Combinatorics Workshop.

University of Ottawa Department of Mathematics and Statistics André Dabrowski Scholarship Fund	2023

Valued at $1,400. Awarded to a student that demonstrated qualities of leadership.

Natural Sciences and Engineering Research Council of Canada (NSERC) Michael Smith Foreign Study Supplement	2023

Valued at $6,000. Awarded to fund visit to Monash University in Melbourne Australia.

NSERC Canada Graduate Scholarship - Doctoral	2021 - 2024

Valued at $35,000 per year for a duration of three years.

Catherine Stanley Memorial Scholarship	2018

Awarded to a student that demonstrated excellence as a teaching assistant.

NSERC Canada Graduate Scholarship - Master's program	2017 - 2018

Valued at $17,500 for a duration of one year.

Acadia Undergraduate Mathematics Competition: Best Paper	2016

Teaching

University of Regina, Regina, SK, Canada
Sessional Instructor
Courses (taught in English):

• MATH 223: Introduction to Abstract Algebra (35 students)	Winter 2025
• MATH 122: Linear Algebra 1 (51 students)	Fall 2024

University of Ottawa, Ottawa, ON, Canada
Part-time Professor
Courses (taught in French):

• MAT 1741: Introduction to Linear Algebra (170 students)	Winter 2023

Programing Languages

Intermediate: Python, R, HTML, LaTeX.

Beginner: GAP.