EDUCATION

Ph.D. in Mathematics (2023-Present)
> University of Victoria, BC, Canada
> Supervisor: Dr. Natasha Morrison

M.Sc. in Mathematics (2021-2023)
> University of Victoria, BC, Canada
> Supervisors: Dr. Kieka Mynhardt & Dr. Natasha Morrison

B.Sc. Honours in Mathematics (2016-2021)
> University of Victoria, BC, Canada

FELLOWSHIPS AND AWARDS

Vanier Canada Graduate Scholarship (NSERC)	2023/09 - 2026/08
UVic President's Research Scholarship	2023/09 - 2024/04
JJEM Graduate Award in Mathematics & Statistics	2022/09 - 2023/08
David McGillivray Scholarship in Science	2022/09 - 2023/08
Canada Graduate Scholarship - Master's Program (CGS-M)	2021/09 - 2022/08
UVic President's Research Scholarship	2021/09 - 2021/04
NSERC Undergraduate Student Research Award (USRA)	2021/05 - 2021/08
CMS-RBC Excellence Scholarship	2021/05
UVic President's Scholarship	2020/08
Stephen A. Jennings Memorial Scholarship	2020/07
UVic Mathematics and Statistics Scholarship	2020/07
NSERC Undergraduate Student Research Award (USRA) - Declined	2020/05 - 2020/08
Boehm Family Award for Excellence in Science (UVic Honours Fest 3rd place prize)	2020/03
Jamie Cassels Undergraduate Research Award (JCURA)	2019/09 - 2020/04
Stephen A. Jennings Memorial Scholarship	2019/07
UVic Faculty of Science Undergraduate Research Award (SURA)	2019/05 - 2019/08
UVic Science Dean's List	2016/09 - 2021/04
UVic Excellence Scholarship	2016/09 - 2020/04
UVic Excellence in Math Scholarship	2016/06
Governor General Academic Bronze Medal	2016/06
Graduation Program Examinations Scholarship (Top 20 students in BC)	2016/06
District Authority Award Scholarship for Community Service	2016/06
Joy Paquin Memorial Scholarship	2016/06
District Education Scholarship	2016/06

CONFERENCE AND SEMINAR PRESENTATIONS

The Rainbow Connection	2024/04
Iowa State University Discrete Math Seminar (Virtual)	
The Johansson-Molloy Theorem Via the Rosenfeld Counting Method	2023/11
UVic Discrete Math Mini Seminar	
The Rainbow Connection	2023/11
Coast Combinatorics Conference	
Polynomials and Percolating Processes on Products of Graphs	2023/10
University of Waterloo Algebraic Graph Theory Seminar (Virtual)	
The Rainbow Saturation Number is Linear	2023/09
Auburn University Discrete Math Seminar (Virtual)	
Connecting Graph Theory and Additive Combinatorics	2023/07
UVic Discrete Math Mini Seminar	
Polynomials and Percolating Processes on Products of Graphs	2023/06
CanaDAM 2023 (Invited, and Cancelled due to illness)	
Rainbow Saturation is Linear (Poster)	2022/12
Pacific Rim Mathematical Association Congress	
Saturate the Rainbow. Taste the Rainbow.	2022/12
UVic Discrete Math Seminar	
Shannon Talks About Shannon's Entropy	2022/06
UVic Discrete Math Mini Seminar	
Dependent Random Choice: A Pretty Powerful Probabilistic Proof Technique	2022/04
UVic Discrete Math Seminar (Virtual)	
How to Lose at Tic-Tac-Toe, and Other (More Transitive) Games	2022/04
UVic Discrete Math Seminar	
Random Recolourings	2022/02
UVic Probabilistic Methods in Combinatorics Graduate Course	
Paint by Numbers: Investigating List Colourings of Plane Graphs	2022/01
UVic Discrete Math Seminar (Virtual)	
Infectious Connections: Weak Saturation with Complete Multipartite Graphs	2021/11
UVic Math & Stats Masters Seminar	
Some Supercritical Results for Defending the Roman Empire	2021/03
UVic SUMS Seminar (Virtual)	
Total Roman Domination Edge-Supercritical and Edge-Removal Supercritical Graphs	2020/06
Women in Combinatorics Virtual Colloquium (Virtual)	
Total Roman Domination Edge-Supercritical and Edge-Removal Supercritical Graphs (Poster)	2020/03
JCURA Research Fair, University of Victoria, BC, Canada	
Total Roman Domination Edge-Supercritical and Edge-Removal Supercritical Graphs (Poster)	2020/03
Honours Fest, University of Victoria, BC, Canada	
Criticality Concepts for Total Roman Domination in Graphs	2019/11
RouxFest Workshop, University of Victoria, BC, Canada	

PUBLICATIONS

N. Morrison, S. Ogden, Weak saturation in products of graphs via polynomial methods, 2024+. (In preparation)

N. Behague, T. Johnston, N. Morrison, S. Ogden, A note on the invertibility of oriented graphs, 2024+. (Submitted)

N. Behague, T. Johnston, S. Letzter, N. Morrison, S. Ogden, The rainbow saturation number is linear, *SIAM Journal on Discrete Mathematics*, 2024.

S. Ogden, Saturation Problems on Graphs, *UVicSpace Electronic Theses and Dissertations*, 2023.

K. Mynhardt, S. Ogden, Total Roman domination edge-supercritical and edge-removal supercritical graphs, *Australasian Journal of Combinatorics,* 78(3), 413–433, 2020.

S. Ogden, Total Roman domination edge-supercritical and edge-removal supercritical graphs, *JCURA Poster Collection*, 2020.

C. Lampman, K. Mynhardt, S. Ogden, Total Roman domination edge-critical graphs, *Involve* 12(8), 1423–1439, 2019.

TEACHING EXPERIENCE

UVic MATH 110 Substitute Lecturer (two lectures)	2023/09
Teaching Assistant (Math 101 Tutorial Instructor) Department of Mathematics and Statistics, University of Victoria	2023/01 - 2023/04
Volunteer High School Math Club Organizer Stelly's Secondary School, Saanichton, BC, Canada	2022/09 - 2022/11
Volunteer Math Classroom Assistant Stelly's Secondary School, Saanichton, BC, Canada	2022/09 - 2022/11 2017/04 - 2017/06
UVic MATH 362 Substitute Lecturer (one lecture)	2022/09
Volunteer Middle School Math Club Organizer South Island Distance Education School, Victoria, BC, Canada	2021/10 - 2022/6
Teaching Assistant (Online Math and Stats Assistance Centre) Department of Mathematics and Statistics, University of Victoria	2021/09 - 2021/12
UVic MATH 122 Substitute Lecturer (one week)	2021/11
Secondary School Math & Physics Tutor	2018/04 - 2018/06
Climbing Academy Coach SD63, Saanichton, BC, Canada	2018/04 - 2018/06 2017/04 - 2017/06
Intro Belay Instructor & Summer/Pro-D Day Camp Leader The Boulders Climbing Gym, Saanichton, BC, Canada	2014/06 - 2016/09
Volunteer Math Club Leader Stelly's Secondary School, Saanichton, BC, Canada	2015/09 - 2016/06

OUTREACH PRESENTATIONS

Puzzling Polyomino Problems St. Margaret's Math Circles - Grades 5-8	2024/02
Induction Deduction, What's Your Function? IMAGINING UVic: Inspiring Mathematical Growth and Intuition in Girls - Grades 11 & 12	2023/04
Cultivating Supportive Environments in STEM (Discussion Panelist) UVic Women in Science Research Symposium	2023/03
A Mathematician's Guide to World Domination St. Margaret's Math Circles - Grades 5-8	2023/02
A Mathematician's Guide to World Domination Stelly's Secondary School - Grade 9	2023/02
A Mathematician's Guide to World Domination IMAGINING UVic: Inspiring Mathematical Growth and Intuition in Girls - Grades 11 & 12	2022/07
A Mathematical Mindset IMAGINING UVic: Inspiring Mathematical Growth and Intuition in Girls - Grades 11 & 12	2022/07
A Mathematician's Guide to World Domination South Island Distance Education School Science Club (Virtual) - Grades 5-12	2022/04

VOLUNTEER ACTIVITIES

IMAGINING UVic (Inspiring Mathematical Growth and Intuition in Girls) Program Coordinator Association for Women in Mathematics UVic Student Chapter	2022/07 - Present
Outreach Program Coordinator Association for Women in Mathematics UVic Student Chapter	2021/10 - Present
Graduate Student Member-at-Large Association for Women in Mathematics UVic Student Chapter	2021/06 - 2021/12
Mentor for Master's Students UVic Math and Stats Master's Seminar Course	2021/09 - 2021/11

CERTIFICATIONS

Climbing Gym Instructor Level 2 Thompson Rivers University, BC, Canada	2016/03
Climbing Gym Instructor Level 1 Thompson Rivers University, BC, Canada	2015/03