

William Thomas M. Thompson, M.Sc.

wthompso@uvic.ca
Information available by request.

EDUCATION	<i>Camosun College</i> Concentration: Mathematics and Biology Dean's List	Winter 2008 - Summer 2010
	<i>University of Victoria, B.Sc.</i> Concentration: Mathematics Dean's List, Honor's with Distinction	Winter 2010 - Summer 2014
	<i>University of Victoria, M.Sc.</i> Concentration: Applied Mathematics	Winter 2014 - Summer 2016
RESEARCH INTERESTS	Nonlinear Partial Differential Equations, Kinetic Equations, Optimal Transport, Calculus of Variations, Mathematical Modeling.	
COMPUTER SKILLS	<i>Software:</i> Geogebra, Microsoft Office. <i>Languages:</i> Java, Latex, HTML, Matlab, Maple, Mathematica.	
EXPERIENCE	<i>All the following course numbers represent UVic's mathematics courses.</i>	
	<i>Teaching</i>	
	<ul style="list-style-type: none">• Math 200	Fall 2016
	<i>Private Tutor</i>	
	<ul style="list-style-type: none">• Math 100, Math 101, Math 200• Math 122, Math 120• Math 200, Math 201• Math 201• Math 200• Math 110, Math 300, Math 442• Math 301, Math 311• Math 212• Math 236, Math 312, Math 342• Math 311, Math 346, Math 377• Math 100, Math 101, Math 200	Winter 2011 Spring 2012 Summer 2012 Spring 2013 Summer 2013 Winter 2013 Spring 2014 Summer 2014 Winter 2014 Spring 2015 Summer 2016
	<i>Teaching Assistant Marker</i>	
	<ul style="list-style-type: none">• Math 151, Math 346• Math 300, Math 362• Math 100, Math 101• Math 200, Math 201• Math 204	Spring 2014 Winter 2014 Spring 2015 Summer 2015 Summer 2016
	<i>Teaching Assistant Tutor</i>	Spring 2015 - Present
	I offer assistance for the following courses:	

- First Year: Math 100, Math 101, Math 102, Math 110, Math 120, Math 122, Math 151, Math 161, Math 162.
- Second Year: Math 200, Math 202, Math 204, Math 211, Math 212, Math 236, Math 242.

Teaching Assistant Tutorial Leader

- Math 100 (Three tutorials) Winter 2015
- Math 204 (Two tutorials) Spring 2016
- Math 204 (One tutorial) Summer 2016
- Math 109 (Five tutorials) Fall 2016

CONFERENCES *Pacific Institute for the Mathematical Sciences* Winter 2014
 Workshop on Kinetic Theory and Related Topics.

Casa Matemática Oaxaca- Banff International Research Station Summer 2015
 Nonlinear Partial Differential Equations.

Mathematical Sciences Research Institute Summer 2016
 Harmonic Analysis and Elliptic Equations on real Euclidean Spaces and on Rough Sets.

SCHOLARSHIPS /GRANTS *Betty and Gilbert Kennedy Scholarship in Mathematics* Winter 2011

National Student Grant Summer 2012

National Student Grant Winter 2013

National Student Grant Spring 2014

PAPERS *Analysis on a Mollified Kinetic Equation for Granular Media* Summer 2016
 M.Sc. Thesis.

OTHER ACTIVITIES

Music

- Classical Piano (Royal Conservatory of Music) Winter 1996 - Summer 2006
- Freestyle Piano (Independent) Summer 2006 - Present
- Guitar (Independent) Summer 2006 - Present

Have performed in a variety of open microphone performances and Royal Conservatory concerts. I have collaborated with other musicians to compose in jazz, rock and classical.

Rock Climbing Winter 2012 - Present

Mathematical Art Fall 2011 - Present
 I collaborate with other colleagues to design and formulate art using mathematical theory and construction. Such examples are wood working and origami.