

Dan Wolczuk

CONTACT INFORMATION	Dan Wolczuk Math Undergraduate Office Faculty of Mathematics University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3G1	Phone: 1-519-888-4567 ext. 36247 E-mail: dan@wolczuk.com Website: www.wolczuk.com
RESEARCH INTERESTS	Scholarship of teaching and learning in mathematics: benefits of teaching students how to learn, the testing effect, using comics in math education, peer mentoring.	
EDUCATION	University of Waterloo, Waterloo, ON, Canada MMath, Pure Mathematics, 2004 <ul style="list-style-type: none">• Thesis Topic: Intervals with few prime numbers.• Advisor: Cameron Stewart University of Northern British Columbia, BC, Canada BSC, Mathematics, 2001 <ul style="list-style-type: none">• Research Topic: Inhomogeneous Diophantine approximations.• Advisor: Chris Pinner	
HONORS AND AWARDS	2013	Distinguished Teaching Award, Faculty of Mathematics, University of Waterloo
	2013	Instructor of the Year, Mathematics Student Society, University of Waterloo
TEACHING EXPERIENCE	Continuing Lecturer, Faculty of Mathematics, University of Waterloo 2004 - present Course Development 2014 Linear Algebra for Mathematical Teaching Online 2013 Linear Algebra 2 for Honours Mathematics Online 2012 Linear Algebra 1 for Honours Mathematics Online 2009 Revised Linear Algebra 1 and 2 for Honours Mathematics 2008 Revised Calculus 3 for Honours Mathematics	

Courses Taught (* indicates coordinating a multi-section course)

Term	Course	Title
Winter 2019	Math 136*	Linear Algebra 1 for Honours Math (2 sections)
Fall 2018	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Spring 2018	Math 136*	Linear Algebra 1 for Honours Math (2 sections)
Spring 2018	Math 636	Linear Algebra for MMT (online)
Winter 2018	Math 136*	Linear Algebra 1 for Honours Math (2 sections)
Fall 2017	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Spring 2017	Math 235*	Linear Algebra 2 for Honours Math
Winter 2017	Math 118	Calculus 2 for Engineering (2 sections)
Winter 2017	Math 136*	Linear Algebra 1 for Honours Math
Fall 2016	Math 116	Calculus 1 for Engineering
Fall 2016	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Winter 2016	Math 118	Calculus 2 for Engineering
Winter 2016	Math 136*	Linear Algebra 1 for Honours Math
Fall 2015	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Fall 2015	Math 237	Calculus 3 for Honours Math
Spring 2015	Math 136	Linear Algebra 1 for Honours Math (online)
Spring 2015	Math 235*	Linear Algebra 2 for Honours Math
Spring 2015	Math 235	Linear Algebra 2 for Honours Math (online)
Winter 2015	Math 136*	Linear Algebra 1 for Honours Math (2 sections)
Fall 2014	Math 136*	Linear Algebra 1 for Honours Math
Fall 2014	Math 136	Linear Algebra 1 for Honours Math (online)
Spring 2014	Math 235*	Linear Algebra 2 for Honours Math
Spring 2014	Math 636	Linear Algebra for MMT (online)
Winter 2014	Math 136	Linear Algebra 1 for Honours Math (online)
Winter 2014	Math 138*	Calculus 2 for Honours Math
Fall 2013	Math 137*	Calculus 1 for Honours Math
Fall 2013	Math 138*	Calculus 2 for Honours Math (2 sections)
Spring 2013	Math 137*	Calculus 1 for Honours Math
Spring 2013	Math 235*	Linear Algebra 2 for Honours Math
Spring 2013	Math 235	Linear Algebra 2 for Honours Math (online)
Winter 2013	Math 136*	Linear Algebra 1 for Honours Math
Winter 2013	Math 136	Linear Algebra 1 for Honours Math (online)
Winter 2013	Math 235*	Linear Algebra 2 for Honours Math
Fall 2012	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Spring 2012	AMath/PMath 332	Applied Complex Analysis
Winter 2012	Math 136*	Linear Algebra 1 for Honours Math (2 sections)
Winter 2012	Math 235*	Linear Algebra 2 for Honours Math
Fall 2011	Math 135	Algebra for Honours Math
Fall 2011	Math 235*	Linear Algebra 2 for Honours Math
Spring 2011	Math 235*	Linear Algebra 2 for Honours Math
Spring 2011	AMath/PMath 332	Applied Complex Analysis
Winter 2011	Math 136*	Linear Algebra 1 for Honours Math
Winter 2011	Math 235*	Linear Algebra 2 for Honours Math
Winter 2011	Math 237*	Calculus 3 for Honours Math

Term	Course	Title
Fall 2010	Math 136*	Linear Algebra 1 for Honours Math
Fall 2010	Math 235*	Linear Algebra 2 for Honours Math
Fall 2010	Math 237*	Calculus 3 for Honours Math
Spring 2010	Math 136*	Linear Algebra 1 for Honours Math
Spring 2010	Math 235*	Linear Algebra 2 for Honours Math (2 sections)
Winter 2010	Math 136*	Linear Algebra 1 for Honours Math
Winter 2010	Math 235*	Linear Algebra 2 for Honours Math
Winter 2010	Math 237*	Calculus 3 for Honours Math
Fall 2009	Math 136*	Linear Algebra 1 for Honours Math
Fall 2009	Math 235*	Linear Algebra 2 for Honours Math
Fall 2009	Math 237*	Calculus 3 for Honours Math
Spring 2009	Math 136*	Linear Algebra 1 for Honours Math
Spring 2009	Math 235*	Linear Algebra 2 for Honours Math
Spring 2009	Math 237*	Calculus 3 for Honours Math
Winter 2009	Math 136*	Linear Algebra 1 for Honours Math
Winter 2009	Math 138	Calculus 2 for Honours Math
Winter 2009	Math 237*	Calculus 3 for Honours Math
Fall 2008	Math 137	Calculus 1 for Honours Math
Fall 2008	Math 237*	Calculus 3 for Honours Math (2 sections)
Spring 2008	Math 138	Tutorials for Calculus 2 for Honours Math
Spring 2008	Math 237*	Calculus 3 for Honours Math
Winter 2008	Math 138	Calculus 2 for Honours Math
Winter 2008	Math 237*	Calculus 3 for Honours Math (2 sections)
Fall 2007	Math 217	Calculus 3 for Chemical Eng
Fall 2007	Math 237*	Calculus 3 for Honours Math (2 sections)
Spring 2007	Math 138	Calculus 2 for Honours Math
Winter 2007	Math 118*	Calculus 2 for Engineering
Winter 2007	Math 218	Differential Equations for Engineering
Fall 2006	Math 116*	Calculus 1 for Engineering
Fall 2006	Math 137	Calculus 1 for Honours Math (2 sections)
Spring 2006	Math 118*	Calculus 2 for Engineering
Spring 2006	Math 237*	Calculus 3 for Honours Math
Winter 2006	Math 237*	Calculus 3 for Honours Math
Fall 2005	Math 116	Calculus 1 for Engineering
Fall 2005	Math 137	Calculus 1 for Honours Math (2 sections)
Spring 2005	Math 136*	Linear Algebra 1 for Honours Math
Winter 2005	Math 127	Calculus 1 for Science (2 sections)
Winter 2005	AMath/PMath 332	Applied Complex Analysis
Fall 2004	Math 125	Applied Linear Algebra 1 (DE)
Fall 2004	Math 127	Calculus 1 for Science
Spring 2004	Math 118	Calculus 2 for Engineering

PROFESSIONAL
SERVICE

Academic Advising

2008 - Present	Plans for Students Outside the Math Faculty
2014 - 2016	General Advising

University of Waterloo Committees

2010 - Present	Math Faculty Undergraduate Affairs Committee
2016 - Present	Senate Undergraduate Council
2016 - 2019	Senate
2012 - 2014	Senate Undergraduate Council

Additional Service

2018 - Present Graduate Student Teacher Training Program Instructor\Organizer
2011 - Present Mathematics Contest Committee
2014 - Present Outreach activities: Fall Open House, March Break Open House,
You@UWaterloo Day, Ontario University Fair
2016 - 2018 Transfer Credits for core math courses
2007 - 2011 Math Circles Instructor\Organizer

PUBLICATIONS

Books and Course Notes

Norman, D., Wolczuk, D. (2019) *Introduction to Linear Algebra for Science and Engineering (3rd edition)*. Pearson Publishing. ISBN # 978-0-13-468263-1

Wolczuk, D. (2016) *Linear Algebra 1 and 2 Course Notes*. Pearson Publishing. ISBN # 978-1-323-56954-2

Wainwright, J., West, J., Wolczuk, D. (2016) *Multivariable Calculus Course Notes*. Pearson Publishing. ISBN # 978-1-323-48163-9

Norman, D., Wolczuk, D. (2012) *Student Solution Manual for Introduction to Linear Algebra for Science and Engineering (2nd edition)*. Pearson Publishing. ISBN # 978-0-321-80762-5

Refereed Journal Articles

Pinner, C., Wolczuk, D. (2001) *On the inhomogeneous Hall's ray of period one quadratics*. Experimental Math. 10, 487 - 495.

SEMINARS

Conference Seminars

May 2018 Don't Give Them a Fish, Teach Them How to Fish, TESLWW
May Conference, Conestoga College (invited)
May 2017 Presentation Skills, TESLWW May Conference, Conestoga College
(invited)

University of Waterloo Faculty Teaching Seminars

Feb 2018 Student-Centered Learning
Nov 2017 Presentation Skills
Jul 2017 Presentation Skills
Jul 2017 The Testing Effect
Jun 2017 Assessments for Learning
Jun 2017 Motivating Students
May 2017 Active Learning in Math
Feb 2017 The Testing Effect
Nov 2016 Bloom's Taxonomy for Math
Nov 2016 The Testing Effect
Oct 2016 Metacognition
Oct 2016 The Teaching-Learning-Assessment Cycle
Sep 2016 Presentation Skills
Sep 2016 Active Learning in Math

University of Waterloo Student Learning Seminars

	Mar 2018	Getting Help
	Mar 2018	Illusions of Competence
	Feb 2018	Advanced Learning Strategies
	Feb 2018	Grades versus Learning
	Mar 2017	Effective Study
	Mar 2017	Neuroscience of Memory
	Feb 2017	Learning in Lectures
	Feb 2017	Embracing Failure
	Jan 2017	Thinking About Your Thinking
	Jan 2017	Obtaining Higher Learning
	Nov 2016	Effective Study
	Nov 2016	Neuroscience of Memory
	Nov 2016	Learning in Lectures
	Oct 2016	Embracing Failure
	Sep 2016	Thinking About Your Thinking
	Sep 2016	Obtaining Higher Learning
CONFERENCES AND WORKSHOPS ATTENDED	Feb 2019	SIGMAA RUME Conference (Oklahoma City, OK)
	Apr 2018	First Year University Mathematics, Fields Institute (Toronto, ON)
	Apr 2018	UW Teaching and Learning Conference (Waterloo, ON)
	Dec 2017	CMS Winter Meeting (Waterloo, ON)
	Apr 2017	UW Teaching and Learning Conference (Waterloo, ON)
	Jun 2016	STLHE 2016 Conference
	Jun 2016	Lilly International Conference (Bethesda, MD)
	Apr 2016	UW Teaching and Learning Conference (Waterloo, ON)
	Apr 2016	Wiley Sciences Teaching and Learning Workshop (Toronto, ON)
	Apr 2015	UW Teaching and Learning Conference (Waterloo, ON)
VOLUNTEERING	2015 - 2018	MATU High School Enrichment Program
	Jan 2018	Sir John A Macdonald SS presentation
	2004 - 2018	Elizabeth Ziegler Elementary Volunteer
	2014 - 2018	Centennial Public School Volunteer
	2011 - 2015	Ukrainian Dance Instructor
	2007 - 2012	MATU High School Enrichment Program
	2002 - 2007	Ukrainian Dance Instructor