

# Nathan Grigg

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<b>Contact Information</b>	University of Washington Department of Mathematics Box 354350, Seattle, WA 98195-4350	Phone: 206-659-6735 Email: grigg@uw.edu
<b>Research Interests</b>	Algebraic Geometry, K3 surfaces, deformation theory, moduli theory	
<b>Education</b>	<i>Doctor of Philosophy</i> , University of Washington, Seattle Expected graduation date: June 2013 Advisor: Max Lieblich	2007–present
	<i>Bachelor of Science</i> , Brigham Young University, Provo, Utah University Honors Advisor: Tyler Jarvis	2003–2007
<b>Teaching Experience</b>	<i>Instructor</i> , University of Washington Seven quarters teaching calculus, ordinary differential equations, linear algebra, and vector calculus	2009–present
	<i>Teaching Assistant</i> , University of Washington Five quarters as teaching assistant and grader for calculus, business calculus, and abstract algebra	2007–2009
	<i>Teaching Assistant</i> , Brigham Young University Tutored individual students and taught class reviews for students in calculus, linear algebra, abstract algebra, and beginning analysis	2005–2006
<b>Undergraduate Thesis</b>	Under the direction of Tyler Jarvis and as part of the University Honors program at BYU, I wrote a thesis entitled <i>Factorization of Tropical Polynomials in One and Several Variables</i> . The thesis was a study of tropical (min-plus) polynomials and their factorizations. I presented some algorithms for determining the combinatorial type and graphing tropical planar curves which were implemented in Maple.	
<b>Languages</b>	English (native), Spanish (speak), and French (read)	
<b>Computers</b>	Python, sage, Maple, Mathematica	