

Nathan Grigg

Contact Information	University of Washington Department of Mathematics Box 354350, Seattle, WA 98195-4350	Phone: 206-659-6735 Email: grigg@uw.edu
Research Interests	Algebraic Geometry, deformation theory of abelian categories, Fourier-Mukai transforms, moduli theory, K3 surfaces	
Education	<i>Doctor of Philosophy</i> , University of Washington, Seattle Major: Mathematics; Advisor: Max Lieblich	June 2013
	<i>Master of Science</i> , University of Washington, Seattle Major: Mathematics	June 2009
	<i>Bachelor of Science</i> , Brigham Young University, Provo, Utah Major: Mathematics; Honors Thesis Advisor: Tyler Jarvis University Honors and <i>magna cum laude</i>	August 2007
Honors and Awards	Research Assistantship, Autumn 2011, Summer 2012, and Winter 2013 VIGRE Fellow, 2007–2008 University of Washington Top Scholar, 2007 National Merit Scholar, 2003	
Teaching Experience	<i>Instructor</i> , University of Washington Eleven quarters teaching Calculus II, III, and IV, differential equations, and linear algebra. Responsible for all aspects of instruction and grading.	2009–2012
	<i>Teaching Assistant</i> , University of Washington Six quarters as teaching assistant for calculus, business calculus, and abstract algebra, including training other teaching assistants. Responsible for leading recitations, holding office hours, and grading.	2007–2009
	<i>Teaching Assistant</i> , Brigham Young University Math Study Center Tutored individual students and taught class reviews for students in calculus, linear algebra, abstract algebra, and beginning analysis.	2005–2006
Talks	“Deformations of $\mathrm{Coh}(X)$ and Fourier-Mukai Transforms,” Western Algebraic Geometry Symposium (poster session), University of Utah, October 2012. “Moduli spaces of sheaves on K3 surfaces,” University of Washington Algebraic Geometry Graduate Student Seminar, January 2012. “Abelian Varieties,” University of Washington Algebraic Geometry Graduate Student Seminar, May 2010.	
Computers	I have published programs in Python, Maple, and AppleScript. I also have experience with sage, Mathematica, Ruby, PHP, Perl, JavaScript, and Linux shell scripts. I am skilled at LaTeX, HTML, and CSS. I can configure Linux web servers, manage a WordPress system, and set up a wiki.	

Languages	English (native), Spanish (speak), and French (read)
Service	Organized Algebraic Geometry Graduate Student Seminar, University of Washington Member of Graduate student advisory committee, University of Washington Organized Undergraduate Mathematical Sciences Seminar, University of Washington
References	Max Lieblich, University of Washington Tyler Jarvis, Brigham Young University Sándor Kovács, University of Washington Judith Arms, University of Washington (teaching)