

Alexandra Pettet

CONTACT INFORMATION	Stanford University Mathematics, Bldg 380 Stanford, CA 94305-2125, USA	<i>E-mail:</i> apettet@math.stanford.edu <i>Website:</i> http://math.stanford.edu/~apettet <i>Tel:</i> 650 723 5742 <i>Fax:</i> 650 725 4066
RESEARCH INTERESTS	Geometric group theory: automorphisms of free groups, mapping class groups, braid groups.	
EDUCATION	University of Chicago , Chicago, Illinois USA Ph.D, Mathematics, June 2006. Advisor: Benson Farb Thesis: <i>Cohomology of some subgroups of the automorphism group of a free group.</i> M.S., Mathematics, December 2002. University of Toronto , Toronto, Ontario Canada B.S., Mathematics, May 2001.	
VISITED INSTITUTIONS	Université de Bourgogne, Dijon, France. Université de Caen, Caen, France.	January - March 2005
HONORS AND AWARDS	National Science and Engineering Research Council of Canada PGS D. National Science and Engineering Research Council of Canada PGS A.	2004-2006 2002-2004
PUBLICATIONS	<i>The Johnson homomorphism and the second cohomology of IA_n,</i> Algebraic and Geometric Topology, Vol. 5, (2005), 725-740. <i>Formulae relating the Berstein and Iwahori-Matsumoto presentations of an affine Hecke algebra,</i> (with T.J. Haines), J. Algebra, Vol. 252, (2002), 127-149.	
INVITED TALKS	Wasatch Topology Conference, Park City, Utah. Ohio State University, Columbus, Ohio. Northwestern University, Evanston, Illinois. University of Rochester, Rochester, New York. Laboratoire Émile Picard, Université Paul Sabatier, Toulouse, France. Université de Bourgogne, Dijon, France.	
PROFESSIONAL	Referee experience, including for the Journal of the London Mathematical Society.	
TEACHING	<i>College Instructor, Stanford University</i> Multivariable Calculus.	September 2006-present
	<i>College Instructor, University of Chicago</i> Studies in Mathematics Mathematics for the Social Sciences.	September 2003 - March 2006
	<i>Directed Reading Program mentor, University of Chicago</i> Dynamical Systems.	March - June 2004

Teaching Assistant, Universtiy of Chicago
Analysis on \mathbf{R}^n .

September 2002 - June 2003

Teaching Assistant, University of Toronto
Calculus.

September 2000 - May 2001

PERSONAL

Citizenship: U.S. and Canada.
Born: 20 February, 1978.