

Robert A. Fisette

Curriculum Vita

WORK ADDRESS

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RESEARCH INTERESTS: Algebraic geometry, A_∞ structures.

CURRENT RESEARCH PROJECTS

In preparation for work on my Ph.D. thesis, I am planning to study A_∞ structures arising in algebraic geometry. In particular, I am interested in describing infinitesimal structures on various moduli spaces and their noncommutative thickenings using A_∞ structures.

EMPLOYMENT

University of Oregon — Graduate Teaching Fellow. September 2006 to present.

EDUCATION

University of Oregon — September 2006 to present.

Ph.D. student in Mathematics, September 2008 to present.

Pre-Ph.D. student in Mathematics, September 2006 to September 2008.

Advisor: Alexander Polishchuk.

Lebanon Valley College — August 2000 to May 2004

B.S. in Mathematics, May 2004.

AWARDS

Presidential Scholarship, Lebanon Valley College, full tuition assistance for four years of study, August 2000 to May 2004.

TEACHING EXPERIENCE

Courses taught at University of Oregon:

University Math I—summer 2009.

Calculus I—winter 2009.

College Algebra—winter 2009, winter 2007, fall 2006.

Elementary Functions—fall 2008, winter 2008, spring 2007.

Fundamentals of Elementary Mathematics I—summer 2008.

Introduction to Methods of Probability and Statistics—T.A., spring 2008.

Calculus for Business and Social Sciences I—T.A., fall 2007.

SEMINAR TALKS

“Introduction to schemes,” two parts, Ring theory seminar, UO, May 12 and 19, 2009.

“ $\pi/5$ and the regular pentagon,” Undergraduate seminar, UO, May 19, 2009.

“Ordered sets,” Undergraduate seminar, UO, January 2009.

“Intersection number and Bezout’s theorem,” Ring theory seminar, UO, January 2009.

“Blowing up varieties,” Ring theory seminar, UO, November 2008.

“Polynomial potpourri,” Undergraduate seminar, UO, November 2008.

“Polynomial sequences and perfect shuffles,” Summer seminar, UO, July 2008.

“Valuation rings,” Ring theory seminar, April 2008.

“Quivers and you,” Ring theory seminar, February 2008.