

# Evan Jenkins

## Education

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- 2008– **University of Chicago**, Chicago, IL  
PhD Mathematics, in progress  
Advisor: Vladimir Drinfeld  
MS Mathematics, 2009
- 2007–2008 **New York University**, New York, NY  
PhD Student in Mathematics  
Advisor: Akshay Venkatesh  
Passed oral qualifying examination
- 2003–2006 **University of Chicago**, Chicago, IL  
BS Mathematics with Honors  
BA Physics

## Research Papers

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1. *Extensions of groups by braided 2-groups*, [arXiv:1106.0772](https://arxiv.org/abs/1106.0772).

## Selected Talks

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- Jan 2011 “Quantum Invariants of 3-Manifolds”  
University of Chicago Topology Proseminar
- Jan 2011 “Quantum Invariants of 3-Manifolds”  
University of Chicago Pizza Seminar
- Oct 2010 “Coherence for Bicategories”  
University of Chicago Topology Proseminar
- May 2010 “An Overview of Fusion Categories”  
University of Chicago Topology Proseminar
- Apr 2010 “Higher-Dimensional Algebra in Statistical Mechanics”  
University of Chicago Pizza Seminar
- Feb 2010 “Higher Group Cohomology”  
University of Chicago Topology Proseminar
- Nov 2009 “Elliptic Cohomology”  
University of Chicago Topology Proseminar
- Nov 2009 “Noncommutative State Spaces in Quantum Mechanics”  
University of Chicago Pizza Seminar
- Mar 2009 “Complex Multiplication, Modular Forms, and Almost Integers”  
University of Chicago Pizza Seminar
- Oct 2008 “Algebraic Topology of Algebraic Varieties”  
University of Chicago Pizza Seminar

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## Biographical

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Date of Birth March 18, 1985  
Birthplace Buffalo, NY, USA  
Citizenship United States Citizen

## Honors, Awards, and Fellowships

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- 2009–2010 U.S. Department of Education  
GAANN Fellowship
- 2008 National Science Foundation  
Graduate Research Fellowship  
Honorable Mention
- 2007–2008 Henry M. MacCracken Fellowship,  
New York University
- 2006 Phi Beta Kappa,  
University of Chicago

## Teaching Experience

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- University of Chicago**  
*Lecturer*
- Winter 2012 Basic Geometry (inquiry-based),  
joint with John Boller
- Autumn 2011 Studies in Mathematics  
2010–2011 Elementary Functions and  
Calculus
- Teaching Assistant*
- Summer 2010 Situational Mathematics I
- College Fellow*
- Spring 2010 Analysis III (inquiry-based)  
Autumn 2009 Introduction to Representation  
Theory of Finite Groups
- VIGRE Course Assistant*
- Winter 2005 Calculus III  
Autumn 2004 Calculus II
- New York University**  
*Teaching Assistant*
- Spring 2008 Quantitative Reasoning

## Conferences and Workshops Attended

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Apr 2011	Midwest Topology Seminar	University of Chicago, Chicago, IL
Apr 2010	Midwest Topology Seminar	Northwestern University, Evanston, IL
Feb 2010	Michigan Conference on Topology and Physics	University of Michigan, Ann Arbor, MI
Oct 2009	New Contexts in Homotopy Theory	University of Chicago, Chicago, IL
Jun 2009	Summer School and Conference in Geometric Representation Theory and Extended Affine Lie Algebras	University of Ottawa, Ottawa, ON
May 2009	Conference and Workshop on Topological Field Theories	Northwestern University, Evanston, IL
May 2008	Lie Theory and Geometry: The Mathematical Legacy of Bertram Kostant	University of British Columbia, Vancouver, BC

## Other Activities

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Summer 2011	Leader of Grothendieck-Teichmüller Seminar, University of Chicago
2009–2010	Speaker coordinator, University of Chicago Pizza Seminar
Autumn 2008–	Editor and typist for undergraduate textbooks in advanced calculus and analysis with John Boller and Paul J. Sally, Jr.
2008–2011	Mentor, VIGRE REU, University of Chicago
Spring 2009, Autumn 2009	Mentor, Directed Reading Program, University of Chicago
Autumn 2008	Leader of Étale Cohomology Mini-Seminar, University of Chicago
Summer 2004– Winter 2007	Counselor, Young Scholars Program, University of Chicago

## Other Employment

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Jun 2007–Aug 2007	<i>Tietronix Software, Inc.</i> , Houston, TX Summer Research Intern Independent research and development of optimization algorithms for positioning of mirrors in solar central receiver systems.
Jun 2006–Jun 2007 Sep 2005–Jun 2006	<i>University of Chicago School Mathematics Project</i> , Chicago, IL Editor Editorial Assistant Copy editing, curriculum development, assessment development, design of supplemental materials, and technology integration for a popular series of secondary mathematics textbooks.