

Nora Elizabeth Csima

Curriculum Vitae

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University of Illinois at Urbana-Champaign
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Personal

Born: Nov 24, 1980

Citizenship: Canadian, US permanent resident

Education

2002–2008 **The University of Chicago**, Chicago, IL
Ph.D. in Mathematics, June 2008.
M.S. in Mathematics, June 2004.

1998–2002 **University of Toronto**, Toronto, Canada
Hon. B.Sc., Mathematics and Computer Science, June 2002.
Graduated with High Distinction

Employment

2008– **The University of Illinois at Urbana-Champaign**
J. L Doob Assistant Professor

2010 **Hausdorff Institute of Mathematics, Bonn, Germany**
Junior Researcher, Junior Trimester Program on Algebra and Number Theory.

Awards and Scholarships

- [1] Lawrence and Josephine Graves Teaching Prize, University of Chicago, 2006
- [2] Postgraduate Scholarship, Natural Sciences and Engineering Research Council of Canada, declined, 2002
- [3] Undergraduate Student Research Award, Natural Sciences and Engineering Research Council of Canada, 2002
- [4] Regents Scholarship, University of Toronto, 2001
- [5] Regents Scholarship, University of Toronto, 2000

- [6] Undergraduate Student Research Award, Natural Sciences and Engineering Research Council of Canada, 1999
- [7] Bloor Lands Admissions Scholarship, University of Toronto, 1998

Publications and preprints

- [1] *Newton-Hodge Filtration for Self-Dual F -Crystals*, N. E. Csima, [math.AG/0706.2503v1](#), To appear, *Mathematische Nachrichten*.
- [2] *Comodules for some simple \mathcal{O} -forms of \mathbb{G}_m* , N. E. Csima, R. E. Kottwitz, [math.AG/0809.0019v1](#), To appear, *Michigan Mathematical Journal*.

Talks

- [1] Representation Theory Seminar, City University of New York Graduate Center, New York, New York, USA, May 2010.
- [2] Algebraic Geometry and Number Theory Seminar, Hausdorff Institute of Mathematics, Bonn, Germany, April 2010.
- [3] Shimura Varieties Seminar, Hausdorff Institute of Mathematics, Bonn, Germany, January 2010.
- [4] Lie Theory Seminar, Notre Dame University, South Bend, Indiana, USA, November 2009.
- [5] Algebraic Geometry Seminar
University of Illinois at Urbana-Champaign, Urbana, Illinois, USA, October 2008.
- [6] Number Theory Seminar
California Institute of Technology, Pasadena, California, USA, January 2008
- [7] AMS Special Session on Automorphic Forms: Representation Theory of p -adic and Adelic Groups
DePaul University, Chicago, Illinois, USA, October 2007
- [8] Automorphic Forms and Representation Theory Seminar
Purdue University, West Lafayette, Indiana, USA, March 2007

Teaching

- 2008– **Instructor** in Mathematics, University of Illinois at Urbana-Champaign
Mathematics 417: Abstract Algebra I
Mathematics 403: Euclidean Geometry
Mathematics 415: Applied Linear Algebra
Mathematics 231: Calculus II
Mathematics 347: Fundamental Mathematics
Mathematics 181: A Mathematical World
- 2004–2008 **Instructor in the College** in Mathematics, University of Chicago
Mathematics 131: Calculus I
Mathematics 132: Calculus II
Mathematics 133: Calculus III
- 2003–2004 **College Fellow** in Mathematics, University of Chicago
Mathematics 254: Algebra I, mentor: P. Storm
Mathematics 255: Algebra II, mentor: J. Borger
Mathematics 256: Algebra III, mentor: J. Borger
- 2000–2002 **Teaching Assistant** in Mathematics, University of Toronto
MAT135Y: Calculus I

Service

- [1] Co-Organizer of Algebra Geometry Combinatorics Seminar, UIUC, 2010-2011.
- [2] Colloquium Committee, UIUC, 2009-2010.
- [3] Local Events Coordinator for AWM Student Chapter, University of Chicago, 2007-2008.
- [4] Graduate Student Representative, Department of Mathematics, University of Chicago, 2007-2008.
- [5] Organizer of Mathematics Women's Tea, University of Chicago, 2005-2006.
- [6] Committee on Graduate Admissions and Recruitment, University of Chicago, 2005
- [7] Polk Bros. Foundation Program for the Improvement of CPS (Chicago Public Schools) Mathematics Teaching, 2004-2005
- [8] Mentor, Directed Reading Program, University of Chicago, 2004
- [9] Co-Organizer and Speaker, Graduate Warm-Up Program, University of Chicago, 2003-2004