

Joanna K. Nelson
Curriculum Vitae

Department of Mathematics
University of Wisconsin - Madison
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Education:

- M.A., Mathematics, University of Wisconsin - Madison, May 2009
- B.S., Mathematics, High Distinction and Honors in Mathematics, Minor in German, University of Illinois at Urbana-Champaign 2007
- Technische Universität Berlin, Trans Atlantic Science Student Exchange Program, 2006-2007

Research Interests:

- Symplectic Topology, Floer Theory

Honors:

- National Science Foundation, VIGRE Summer Fellow, Summer 2009
- National Science Foundation, VIGRE Summer Enhancement Program Fellow, Summer 2008
- Student Ambassador to the Technische Universität Berlin, 2006-2007
- University of Illinois Incomplete List of Teachers Rated Excellent Fall 2005

Teaching Experience:

- Teaching Assistant, University of Wisconsin - Madison
 - Math 234 (Calculus III), Spring 2009
 - Math 171 (Calculus with Algebra and Trig I), Fall 2008
 - Math 221 (Calculus I), Spring 2008
 - Math 222 (Calculus II), Fall 2007
- Teaching Assistant, University of Illinois at Urbana-Champaign,
 - Math 231 (Calculus II), Fall 2005
- Grader, University of Wisconsin - Madison
 - Math 752 (Introductory Topology II), Spring 2009
 - Math 761 (Differentiable Manifolds), Fall 2008
 - Math 551 (Elementary Topology), Spring 2007

Other Professional Activities:

- Organizer, Women in Mathematics at Wisconsin 2009-2010
- Co-organizer, Seventh Annual Graduate Student Topology and Geometry Conference April 2009; University of Wisconsin, Madison

- Organizer, Graduate Participation Seminar in Geometry and Topology, Spring 2009

Talks:

- Talks in Student Geometry and Topology Seminar: Orbifolds, or the Aspiration to be a Manifold that Falls Short; Introduction to Lie Groups; The Maslov Index and its Applications; Blowing a Manifold Up sans Dynamite; University of Wisconsin, Madison
- Talks in Learning Seminar on Symplectic Geometry and Floer Theory: Spectral Flow; Symplectic Blow up and Blow Downs; University of Wisconsin, Madison

References:

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