

Jitka Stehnova

Education

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| August 2008-present | Oklahoma State University , Stillwater, Oklahoma.
<i>Visiting Assistant Professor - postdoctoral position</i> |
| 2003-2008 | University of Iowa , Iowa City, Iowa.
<i>PhD. in Mathematics conferred in August 2008.</i>
Dissertation: Theta Correspondences for Unitary Groups
Thesis advisor David Manderscheid.
<i>M.S. in Mathematics conferred in December 2005.</i> |
| 2002-2003 | University of Iowa , Iowa City, Iowa.
<i>B.S. in Mathematics conferred in December 2003 .</i> |
| 2001-2002 | University of Massachusetts , Amherst, Massachusetts.
<i>B.S. in Mathematics.</i> |
| 1999-2001 | Charles University , Prague, Czech Republic.
<i>B.S./M.S. in Mathematics and Computer Science.</i> |

Research Interests

- Representation Theory and Number Theory
- Langlands Conjectures, L-functions
- Theta Correspondences and Howe duality

Publications

- *Theta Correspondence for $U(1, 1)$ and $U(2)$* - preprint, available on ArXiv: 0811.3922v1 (<http://arxiv.org/abs/0811.3922v1>)

Presentations

- *Howe's duality principle and Theta Correspondence*, HAAR - Harmonic Analysis and Automorphic Representations Seminar, **Ohio State University**, Columbus, OH, November 2008.

- *Theta Correspondence for $U(1,1)$ and $U(2)$* , JAFS - Joint Automorphic Forms Seminar, **Oklahoma University**, Norman, OK, September 2008.
- *Representation Theory of p -adic Groups*, Colloquium Talk, **Oklahoma State University**, Stillwater, OK, August 2008.
- *Lattice models of the Weil Representation*, L-function Seminar, **University of Iowa**, Iowa City, IA, March 2008.
- *Supercuspidal representations of $U(2)$* , Representation Theory Seminar, **University of Iowa**, Iowa City, IA, February 2008.
- *Theta Correspondence for Unitary Groups in Two Variables*, Special Session on Groups, Representations, and Character Theory, **AMS-MAA Joint National Meetings**, San Diego, CA, January 2008.
- *How common are primes?*, Colloquium Talk, **Truman State University**, Kirksville, MO, November 2007.
- *Supercuspidal representations of $U(1,1)$* , Representation Theory Seminar, **University of Iowa**, November 2007.
- *Quasi Split and Anisotropic $U(2)$* , GAUSS - Graduate And Undergraduate Student Seminar, **University of Iowa**, October 2007.
- *Representations of Orthogonal Groups*, Number Theory Seminar, **University of Iowa**, March 2007.

Conferences Attended

- Nebraska Conference for Undergraduate Women in Mathematics, University of Nebraska-Lincoln, Nebraska, February 2008 - invited as a graduate student speaker.
- AMS-MAA Joint National Meetings, San Diego, California, January 2008.
- AMS Section Meeting, Chicago, IL, October 2007.
- Representation Theory of p -adic Groups, King's College, London, June 2007.
- AMS-MAA Joint National Meetings, New Orleans, Louisiana, January 2007.
- Representation Theory of p -adic Groups, University of Iowa, October 2006.
- AMS Section Meeting, Notre Dame, IN, April 2006.

Teaching Experience

- Instructor, Oklahoma State University, August 2008 - present
- Graduate Teaching Assistant, University of Iowa, August 2004 - August 2008
- Discussion Leader
 1. Logic of Arithmetic - mathematics for elementary education majors

2. Calculus for Business
3. Calculus II
4. Introduction to Abstract Algebra I - beginning algebra course for senior math majors

- Instructor

1. Precalculus
2. Basic Algebra II
3. Calculus II

- Math Lab Tutor - Tutor students one-on-one in basic algebra and geometry, trigonometry, finite mathematics, logic of arithmetic, elementary functions, mathematics for business and biological sciences, calculus for biological sciences, calculus and matrix algebra for business, calculus I and II, and engineering calculus I and II
- Private Tutor - undergraduate beginning abstract algebra course, undergraduate beginning combinatorics, beginning analysis course

Teaching Awards

- The University of Iowa Outstanding Teaching Assistant Award, 2007-2008 (25 awards university-wide)
- Catharine Wegner Outstanding Mathematics Teaching Assistant Award, Fall 2006
- Catharine Wegner Outstanding Mathematics Teaching Assistant Award, Spring 2005

Awards, Honors and Memberships

- SIF Graduate Summer Fellowship, University of Iowa, Summer 2008
- Recipient of Dr. Eunice Shuytema Beam Travel Grant, UI Women in Science and Engineering Program, University of Iowa, Fall 2007 (only 3 awards university-wide)
- Graduate College Summer Fellowship Award, University of Iowa, Summer 2007
- Summer Research Assistantship, Department of Mathematics, University of Iowa, Summer 2006
- Member of American Mathematical Society
- Member of Mathematical Association of America
- Member of Association for Women in Mathematics

Service

- Math Grad Board International Liaison, University of Iowa, 2007-2008
- Volunteer, University of Iowa High School Math Competition, 2004 - 2008

- ALLNet Tutor at the Office of International Students and Scholars, University of Iowa

Computer Skills

- Experienced user in standard platforms and their programs
- Fluent in Latex, knowledge of Maple, Mathematica, Matlab

References

David Manderscheid

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Walter Seaman

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