

CURRICULUM VITAE

OU ZHAO

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Personal

Born on 19 November 1979
Married, July 2003; Citizen of China
Daughter Ashley born in April 2007

Education

Ph.D. in statistics (Stationary Random Walks and Isotonic Regression)
University of Michigan, Ann Arbor, USA 2003-2008
Thesis advisor: Michael B. Woodroffe

Doctoral student in applied mathematics (Coding and Information Theory)
Nankai University, Tianjin, P. R. China 2001-2003
Mentor: Fangwei Fu (Chern Institute of Mathematics)

B.S. in pure mathematics
Nankai University, Tianjin, P. R. China 1997-2001
Shiing-Shen Chern Honors Class

Positions

1. Assistant Professor, University of South Carolina 2008-
2. Postdoctoral Associate, Yale University 2008-2009
3. Research Assistant, University of Michigan 2004-2008
4. Teaching Assistant, University of Michigan 2003-2004
5. Instructor, Nankai University 2001-2002

Honors

1. Horace H. Rackham Travel Award, University of Michigan, 2007.
2. Statistics Department Fellowship, University of Michigan, 2003-2004.
3. Honored Math Olympics Coach (co-trained one IMO gold medalist), Yaohua High School, Tianjin, PRC, 2002-2003.
4. Nankai University Undergraduate Scholarship, Tianjin, PRC, 1997-2001.

5. First Class Prize in the Chinese Mathematical Olympiad (CMO), Chinese Mathematical Society, Beijing, 1996. (senior high school)
6. Second Class Prize in the Chinese Physics Competition Contest, 1995.

Publications

1. *Orientation of vector bundles on Riemannian manifolds*. Undergraduate Thesis with Honors, 2001.
2. *Law of the iterated logarithm for stationary processes* (with M. Woodroffe). *Annals of Probability* **36** 127-142, 2008.
3. *On martingale approximations* (with M. Woodroffe). *Annals of Applied Probability*, to appear, 2008.

Talks

1. Statistics Seminar, University of South Carolina, April 2008.
2. AMS Meeting, Indiana University, April 2008.
3. Colloquium, State University of New York, Binghamton, February 2008
4. Colloquium, Lehigh University, January 2008.
5. Statistics Seminar, University of Michigan, January 2008.
6. The 32nd Conference on SPA, Univ. of Illinois at Urbana-Champaign, Aug. 2007.
7. Probability Seminar, University of Michigan, June 2006.
8. Summer School in Probability, Cornell University, July 2005.

Teaching Experience

1. Course Instructor, independently teaching calculus courses to undergraduates of physics and EE (6 hours per week), Nankai University, Tianjin, 2002.
2. GSI of STAT 425 – Introduction to Probability, University of Michigan, Fall 2003.
3. GSI of STAT 350 – Introduction to Statistics and Data Analysis, Teaching two lab sessions, University of Michigan, Winter 2003.
4. GSI, Ph.D. core course STAT 610-11 – Theoretical Statistics, Fall-Winter 2004, Fall 2005, Michigan.
5. GSI, Ph.D. core course STAT 620-21 – Theoretical Probability, Fall-Winter 2004, Fall 2005, Michigan.

Referee and other service

1. Refereed papers for Bernoulli(3), IEEE Transactions on Information Theory(1), Annals of Statistics(3), Annals of Probability(1).
2. Organizer of Michigan Probability Seminar 2006