

QI TANG

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EDUCATION

- Aug. 2010, University of Wisconsin Madison, Ph. D. in Statistics.
- Nov. 2007, University of Wisconsin Madison, M. S. in Statistics.
- July 2005, University of Science and Technology of China, B. S. in Statistics.

PUBLICATIONS

- **Tang, Q.** & Qian, P.Z.G., Enhancing Sample Average Approximation Method with U Designs. To appear, *Biometrika*.
- Shao, J. & **Tang, Q.**, Random Group Variance Estimators for Survey Data with Random Hot Deck Imputation. To appear, *Proceedings of 2010 Joint Statistical Meeting*.

AWARDS AND HONORS

- Feb. 2010, Student Paper Competition Award, 2010 Joint Statistical Meeting, Vancouver, CA.
- May 2009, Student Paper Competition Award, 2009 Spring Research Conference, Vancouver, CA.
- Aug. 2008, Successful Summer Intern Award, Walgreens Co., Deerfield, IL.
- Sept. 2005, Shapiros Scholarship, University of Wisconsin Hospital, Madison, WI.
- June. 2005, Excellent Undergraduate Dissertation in Statistics, University of Science and Technology of China, Hefei, Anhui, China.
- Sept. 2004, First Class Undergraduate Research Scholarship, University of Science and Technology of China, Hefei, Anhui, China.

TEACHING EXPERIENCE

- Fall 2009, **Associate Lecturer**, Department of Statistics, UW Madison
 - Designed the undergraduate course Introduction of Statistical Reasoning.
 - Supervised two teaching assistants on holding discussion sessions and grading.
- Fall 2009, **Guest Lecturer** for the course of Sample Survey Theory and Method, Department of Statistics, UW Madison

- Spring 2006- Spring 2009, **Teaching Assistant**, Department of Statistics, UW Madison
 - Spring 2009, Applied Regression Analysis (Stat 333).
 - Fall 2008, Introduction to Bayesian Decision and Control (Stat 775).
 - Spring 2008, Introduction to Statistical Method (Stat301).
 - Fall 2007, Statistical Method for Bioscience I (Stat 571).
 - Spring 2007, Introduction to Statistical Method (Stat 301).
 - Fall 2006, Introduction to Biostatistics (Stat 541).
 - Spring 2006, Introduction to Applied Statistics in Life Science (Stat 371).

WORKING EXPERIENCE

- June–Aug. 2009, **Summer Intern**, Research and Development, Eli Lilly and Co.
 - Built an analysis framework to assess and account for selection bias in analyzing open-label extension data.
 - Programmed a SAS macro for nested propensity score model.
- June–Aug. 2008, **Summer Intern**, Strategic Modeling Department, Walgreens Co.
 - Developed an experimental design based store selection criterion.
 - Met the business goals and solved real problems by statistical modeling.

PRESENTATIONS

- Tang, Q. Random Group Variance Estimators for Survey Data with Random Hot Deck Imputation. (2009) Presented at 2009 Spring Research Conference, Vancouver, CA.
- Tang, Q. Assess and Account for Selection Bias in Analyzing Open-label Extensions of Clinical Trials. (2009) Presented at Eli Lilly Co, Indianapolis, IN.
- Tang, Q. Piecewise Linear Model for Gene Expression Pattern Classification. (2008) Presented at the Strategic Modeling Department, Walgreens Co., Deerfield, IL.
- Tang, Q. Linear Model Analysis of Childrens Cystic Fibrosis Disease. (2006) Presented at Biostatistics Trainee Seminar, Department of Biostatistics, University of Wisconsin Madison.

SERVICES

- 2009, Admission Committee Student Member, Dept. of Statistics, UW Madison.
- 2007-08, Faculty Meeting Student Representative, Dept. of Statistics, UW Madison.
- 2006, Graduate Student Social Committee Member, Dept. of Statistics, UW Madison.

PROFESSIONAL AFFILIATIONS

- Member of American Statistical Association.
- Member of Institute of Mathematical Statistics.
- Member of INFROMS.