Quan Zhang

| CONTACT INFORMATION | 1630 West 6th St, Apt B
Austin, TX 78703 | 612-735-1972
zhangquan@utexas.edu |

RESEARCH INTERESTS	Econometrics, macroeconomics, statistics, Bayesian methods, computing

EDUCATION **University of Texas at Austin**, Austin, TX

PhD student, Information, Risk and Operation Management at McCombs School of Business, August 2015 – Present

University of Minnesota, Twin Cities, Minneapolis, MN

Master of Science (Ph.D. study), Biostatistics, May 2015

- Thesis: *Design and analysis of crossover clinical trials using Bayesian methods*
- Advisor: Bradley P. Carlin, Ph.D

Peking University, Beijing, China

Bachelor of Science and Economics, Biological Sciences and Economics (Double Major), July 2012

- Thesis: *Organelles Distance from a Pathway Perspective*
- Advisor: Hong Qu, Ph.D

RESEARCH EXPERIENCE

Research Assistant September 2013 – August 2014
Division of Biostatistics, University of Minnesota
Supervisor: Bradley P. Carlin, Ph.D
- Design and analysis of crossover clinical trials using Bayesian methods

Research Assistant September 2012 – May 2013
Division of Biostatistics, University of Minnesota
Supervisor: Cavan S. Reilly, Ph.D
- `C++` programming on Bayesian modeling for HIV gene expression data analysis

REFEREED JOURNAL PUBLICATIONS

1. **Zhang, Q.**, Toubouti, Y., and Carlin, B.P. "Design and analysis of Bayesian adaptive crossover trials for evaluating contact lens safety and efficacy" 2015. *Statistical Methods in Medical Research*, 0962280215572272.

SUBMITTED JOURNAL PUBLICATIONS

1. **Zhang, Q.** "A Review of Dynamic Documents with `R` and knitr" August 2014. Submitted to *The American Statistician*.

AWARDS

School of Public Health Dean's Scholarship, University of Minnesota, September 2012
All-round Excellent Student for academic year 2010-2011, Peking University, November 2011
Sumitomo Corporation Scholarship for academic year 2009-2010, Peking University, November 2010
All-round Excellent Student for academic year 2008-2009, Peking University, November 2009
Second Prize in 2007 China National High School Mathematics Competition, October 2007
First Prize in 2007 China National High School Chemistry Competition, October 2007

PRESENTATIONS	Statistical Meetings

PRESENTATIONS Statistical Meetings
- Joint Statistical Meetings, Boston, MA   August 2014

SOFTWARE R packages
- Goren, E. and **Zhang, Q.** GibbsACOV: A Gibbs sampler for one-way linear mixed-effects models

COMPUTING SKILLS R, C++, Rcpp, SAS, MATLAB

INTERNSHIP EXPERIENCE **Consultant**   May 2015– August 2015
in4mation insights, LLC., Needham, MA
- Prediction of sales using online search data
- Engine oil promotion

Statistician   June 2013 – August 2013
Johnson & Johnson Vision Care, Inc., Jacksonville, FL
- Sample size estimation for crossover clinical trial

Consultant   January 2012 – February 2012
Roland Berger Strategy Consultants, Beijing, China
- *Mobile Bank Development in China*, sponsored by World Bank International Finance Corporation

SAS programmer   July 2011 – September 2011
Peking University Clinical Research Institute, Beijing, China
- New drug application sponsored by Reckitt Benckiser Healthcare Ltd., U.K.

EXTRA-CURRICULAR ACTIVITIES
President of Peking University Folk Art Association   February 2011 – January 2012
Member of Peking University Folk Art Association   September 2008 – July 2012

REFERENCES Available upon request