Minchun Zhou

CONTACT INFORMATION	7277 Charlotte Pike Unit 340 Nashville, TN 37209	269-873-7563 Minchun.zhou@vanderbilt.edu

RESEARCH INTERESTS — Optimal design, Spatio-Temporal Modeling, Bayesian Data Analysis, fMRI Data Analysis

EDUCATION

Vanderbilt University, Nashville, TN

Ph.D., Biostatistics, *Expected:* Summer 2017

Wester Michigan University, Kalamazoo, MI

M.S., Applied and Computational Mathematics , April 2012

Tongji University, Shanghai, China

B.S., Mathematics and Applied Mathematics , June 2010

RESEARCH EXPERIENCE

Research Assistant May 2013 to present
Department of Biostatistics,
Vanderbilt University
Supervisor: Hakmook Kang, Ph.D

Research Assistant May 2013 to present
Department of Biostatistics,
Vanderbilt University
Supervisors: Matthew S. Shotwell, Ph.D

SUBMITTED JOURNAL PUBLICATIONS

1. Shotwell, M.S., **Zhou, M.**, and Fissell, W.K. "Optimal Design of Perturbations For Individual Two-Compartment Pharmacokinetic Analysis" 2014. Submitted to *Journal of Biopharmaceutical Statistics*.

AWARDS

Travel Awards — Vanderbilt University, Department of Biostatistics
- Eastern North American Region Conference, Baltimore, MD Mar 2014

Other Honors and Awards
- Pi Mu Epsilon, Honorary National Mathematics Society Sep 2011
- Meritorious Winner, Mathematical Contest in Modeling Feb 2010
- Runner-up, China Undergraduate Mathematical Contest in Modeling Oct 2010
- Most Outstanding Campus Coordinator, Junior Achievement China Jun 2009

PRESENTATIONS

Statistical Meetings
- **Zhou, M.**, Shotwell, M.S., and Fissell, W.K. "Evaluating Novel Intradialytic Sampling Designs For Individual Pharmacokinetic Analysis Using Monte Carlo Simulation", (Poster) 2014 ENAR Spring Meetings, Baltimore, MD Mar 2014
- Kang, H., **Zhou, M.** "Longitudinal spatio-spectral analysis of resting-state fMRI", (Oral) 2014 Joint Statistical Meeting, Boston, MA Aug 2014

Vanderbilt University
- **Zhou, M.**, "High performance computing in R",(Oral) Statistical Computing Series, Department of Biostatistics Oct 2014

TEACHING EXPERIENCE	Teaching Assistant Bios 345 - Advanced Regression Analysis I Instructor: Hakmook Kang, Ph.D Department of Biostatistics, Vanderbilt Univeristy	Aug 2014 – Dec 2014
	Teaching Assistant Math 1160 - Finite Mathematics with Applications Instructor: Mark Schreiner Department of Mathematics, Western Michigan University	Aug 2011– May 2012
SOFTWARE SKILLS	Proficient in using R, MATLAB Basic knowledge in SAS, Python, Unix	