

Wei Wang

CONTACT INFORMATION	547 Riverside Drive APT 3D New York, NY 10027	Cell: 917-558-7720 Email: ww2243@columbia.edu
EDUCATION	Columbia University , New York, United States	
	<i>Ph.D., Statistics</i>	September 2009 – present
	<ul style="list-style-type: none">• Advisor: Andrew Gelman• Expected graduation date: May 2014	
	University of Science and Technology of China , Hefei, Anhui, China	
	<i>B.S., Statistics</i>	September 2005 – June 2009
	<ul style="list-style-type: none">• Rank 2/63	
RESEARCH INTERESTS	<ul style="list-style-type: none">• Methodology: Bayesian Hierarchical Models, Markov Chain Monte Carlo Methods• Applications: Missing Data Imputation, Causal Inference	
AWARDS	Best Poster Award (3 out of 25), The 8 th International R Users Conference, June 2012 (for “Multilevel Regression and Poststratification of Survey Data”).	
WORK IN PROGRESS	<ul style="list-style-type: none">• “Multiple Imputation Model for Time-Series Cross-Sectional Data”. Collaborators: Ben Goodrich, Jonathan Kropko, Andrew Gelman.• “Cross Validation Framework on Hierarchical Models”. Collaborators: Andrew Gelman.• “Causal Framework for Bayesian Hierarchical Modeling of Meta-Analysis”. Collaborators: Michael Sobel, David Madigan.	
SUBMITTED PAPERS	Aria Toivgoo, Wei Wang, Susan Witte. “Reducing Risk Behaviors linked to Non Communicable Diseases in Mongolia: A randomized controlled trial”. Accepted to American Journal of Public Health, 2013.	
INVITED TALKS	“Challenges with Cross Validation for Comparing Structured Models”, Columbia Machine Learning Reading Group, August 2012.	
COMPUTING SKILLS	<ul style="list-style-type: none">• <i>Programming Languages</i>: Proficient in R; Familiar with Python.• <i>Tools & Applications</i>: Unix Command-line Tools, Emacs, Git, Hadoop.	
SOFTWARE AUTHORSHIP	<ul style="list-style-type: none">• MI: an R package implementing multiple imputation through iterative equations. With Ben Goodrich, Jonathan Kropko, Andrew Gelman, Jennifer Hill and Yajuan Si.• mrp: an R package for Multilevel Regression and Postratification of survey data. With Michael Malecki, Andrew Gelman, Daniel Lee and Jiqiang Guo.	
WORK EXPERIENCE	<ul style="list-style-type: none">• World Bank, Washington DC, United States <p><i>Short-term Consultant</i> at the Research Unit, Poverty and Inequality Group August 2011 Built the statistical back-end of the World Bank Comparative Living Standards Project using R. (http://iresearch.worldbank.org/clsp/index.aspx#).</p>	

- **International Finance Corporation** (World Bank Group), Washington DC, United States
Short-term Consultant, Development Outcome Tracking Group May – July 2011
 Worked on building predictive models for outcomes of development projects financed by the International Finance Corporation.

TEACHING
EXPERIENCE

W1211 Introduction to Statistics with Calculus, Columbia University

Graduate Student Instructor

Summer 2012/Fall 2012

A comprehensive introductory statistics course for undergraduate students.

PROFESSIONAL
SERVICE

Organizer

The 2013 Minghui Yu Memorial Conference, Statistics Department, Columbia University, April 2013.
 (<http://stat.columbia.edu/~wwang/MYMC2013/>)

PROFESSIONAL
AFFILIATION

American Statistical Association

Institute of Mathematical Statistics