

DO-HWAN PARK

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RESEARCH INTERESTS:

Survival Analysis, Longitudinal Data Analysis, Semiparametric and Nonparametric Methods.

EDUCATION:

Ph.D., Department of Statistics, University of Missouri-Columbia, July 2005.

Dissertation : *Semiparametric and Nonparametric Methods for Longitudinal Data.*

B.S. Statistics, Minor Economics, Ewha Womans University, Seoul, South Korea, August 1999.

EMPLOYMENT:

Assistant Professor, Dept. of Math. and Stat., Univ. of Nevada-Reno, Fall 2005- Present.

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|-------------|--------------|---|
| Fall 2006 | STAT 352 | <i>Probability and Statistics for Science (2 sections)</i> |
| | MATH 775 | <i>Topics in Probability and Statistics (Independent Study)</i> |
| Summer 2006 | STAT 756 | <i>Survival Analysis (Independent Study)</i> |
| Winter 2006 | STAT 757 | <i>Applied Regression Analysis</i> |
| | STAT 452/652 | <i>Statistics I</i> |
| Fall 2005 | STAT 756 | <i>Survival Analysis</i> |

Research Assistant, Dept. of Statistics, Univ. of Missouri-Columbia, May 2002-July 2005.

Supervisor: Dr. Jianguo (Tony) Sun. Longitudinal Data analysis.

Statistical Consultant, Wellness Resource Center, UM-Columbia, Winter 2004-Winter 2005.

Graduate Instructor, Dept. of Statistics, UM-Columbia, Winter 2002-Winter 2004.

STAT 250 *Introduction to Probability and Statistics II.*

Teaching Assistant, Dept. of Statistics, UM-Columbia, Fall 2000-Fall 2001.

STAT 25 *Introductory Statistical Reasoning.*

Teaching Assistant, Program for Excellence in Teaching, UM-Columbia, August 2001.

AWARD:

Student Travel Award, Justus F. Seely Memorial Conference on Linear Models, Oregon State University, July 2003.

NSF Travel Award, 7th Annual Winter Workshop on Longitudinal Data Analysis, University of Florida, January 2005.

PUBLICATIONS:

1. Semiparametric Regression Analysis of Longitudinal Data with Informative Observation Times. (joint work with Jianguo Sun, Liuquan Sun and Xingqiu Zhao), *Journal of the American Statistical Association* (2005) **100**, 882-889.
2. Semiparametric and Nonparametric Methods for Longitudinal Data. Ph.D. Thesis, Department of Statistics, University of Missouri-Columbia, 2005.
3. The Additive Hazards Model for Recurrent Gap Times. (joint work with Jianguo Sun and Liuquan Sun), to appear in *Statistica Sinica* (2006) **16**, 919-932.
4. A Class of Two-Sample Nonparametric Tests for Panel count Data. (joint work with Jianguo Sun and Xingqiu Zhao), under revision.

MANUSCRIPTS:

The Analysis of Tumorigenicity Data Using Frailty Effect. (joint work with Yangjin Kim)
Random Effect Model for Regression Analysis of Longitudinal Data with Informative Observation Times.
(joint work with Liuquan Sun and Jianguo Sun)

INVITED TALKS:

The Additive Hazards Model for Recurrent Gap Times, *SSC 2006*, London Canada, May 2006.
Introduction to the Longitudinal Data Analysis, Ewha Womans University, Seoul, Korea, May 2006.

PRESENTATIONS:

Semiparametric Regression Analysis of Longitudinal Data with Informative Observation Times, *ENAR 2006*, Tampa FL, March 2006.
Two-Sample Nonparametric Tests for Panel count Data, University of Reno, NV, November 2005.
Statistical Analysis of Panel count Data, *ENAR 2005*, Austin TX, March 2005.
Semiparametric Regression Analysis of Longitudinal Data with Informative Observation Times (poster), *Annual Winter workshop on Longitudinal Data Analysis*, University of Florida, Gainesville FL, January 2005.
Biostatistics Group Working Seminar, Dept. of Statistics, UM-Columbia, 2003-2005.
Annual Korean Student Association Poster Day, UM-Columbia, April 2003.

CONFERENCE ATTENDED

July, 2006 23rd International Biometrics Conference, Montreal, Canada.
May, 2006 Annual Meeting of Statistical Society of Canada, London, Canada.
May, 2006 Annual Meeting of the Korean Statistical Society, TaeGu, R. O. Korea.
March, 2006 International Biometrics Meeting - Eastern North American Region, Tampa, Fl.
March, 2006 Korean-American Scientists and Engineers Assoc. - South Western Region, Los Angeles, CA.

April 2005 Meeting of Minds, Kansas City, KS.

March, 2005 International Biometrics Meeting - Eastern North American Region Austin, TX.

January, 2005 Annual Winter workshop on Longitudinal Data Analysis, Gainseville, FL.

April 2004 Meeting of Minds, Kansas City, KS.

March, 2004 International Biometrics Meeting - Eastern North American Region, Pittsburgh, PA.

August, 2003 Joint Statistical Meeting, San Francisco, CA.

July, 2003 Justus F. Seely Memorial Conference, Corvallis, OR.

March, 2003 International Biometrics Meeting - Eastern North American Region, Tampa, FL.

PROFESSIONAL MEMBERSHIP and ACTIVITIES:

Member, American Statistical Association, 2001–Present.

Member, International Biometric Society (ENAR), 2003–Present.

Member, Institute of Mathematical Statistics, 2005–Present.

President, Statistics Graduate Student Association (SGSA), 2003–2004.

Reviewed Paper for the Journal - *Annals of Statistics* (1)

Chaired an Invited Session, *New Development in Statistical Methods for Incomplete Data with Complex Observation Processes* for International Biometric Conference 2006.

COMMITTEES:

Search committee (Statistics), Fall 2005 – Present.

Statistics PhD committee, Fall 2005 – Present.

Future of Statistics, Fall 2005 – Present.