

(T O N Y) J I A N G U O S U N

Department of Statistics
University of Missouri
146 Middlebush Hall, Columbia, MO 65211
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e-mail : sunj@missouri.edu

EDUCATION :

- **Ph.D. (Statistics), University of Waterloo, Canada** (November 1992)
 - **Thesis** : *“The Analysis of Incomplete Data”*
- **MASc (Probability and Statistics), Jilin University, People’s Republic of China** (August 1986)
 - **Thesis** : *“Admissibility and Estimation for Ellipsoidal Distribution Functions”*
- **BASc (Mathematics), Jilin University, People’s Republic of China** (August 1983)

RESEARCH INTEREST :

- AIDS research, biostatistics, chemometrics, longitudinal data analysis, survival analysis
- Clinical trials, statistical analysis of interval-censored data, doubly censored data, panel count data
- Microarray data analysis

WORKING EXPERIENCE :

- **Professor, Department of Statistics, University of Missouri-Columbia** (September 2005 to Present)
- **Associate Professor, Department of Statistics, University of Missouri-Columbia** (September 2001 to August 2005)
- **Assistant Professor, Department of Statistics, University of Missouri-Columbia** (September 1997 to August 2001)
- **Visiting Associate Professor, Department of Biostatistics, Harvard School of Public Health** (September 2004 to December 2004)

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- **Research Fellow, Department of Biostatistics and Center for Biostatistics in AIDS Research, Harvard School of Public Health** (September 1995 to August 1997)
- **Research Scientist, CME Telemetrix, Waterloo, Canada** (September 1992 to August 1995)
- **Visiting Scholar, Department of Statistics and Actuarial Science, University of Waterloo, Canada** (September 1992 to August 1995)
- **Assistant Professor, Department of Management Sciences, Jilin University, Jilin, People's Republic of China** (September 1986 to December 1987)

AWARDS AND HONORS :

- **Fellow of the American Statistical Association.**
- **Elected Member of the International Statistical Institute.**
- **Winemiller Award for Collaboration in Statistics and Psychology**, Department of Statistics, University of Missouri, 2006.
- **Research Leave Award**, Research Council, University of Missouri, 2004-2005.
- **The Albert Winemiller Prize for Outstanding Developments of New Statistical Methodology for an Applied Setting**, Applied Statistics Symposium, University of Missouri, 2000-2001
- **NIH FIRST AWARD** research grant (1998-2003)
- **National Science and Engineering Council Industrial Postdoctoral Fellowship (Canada)** (April 1993 to March 1995)
- **University of Waterloo Graduate Scholarships** (1990, 1991)
- **Distinguished Students of Jilin University** (1981, 1982, 1983)

RESEARCH GRANTS SINCE 1997 :

- **University of Missouri Research Board**, *Statistical Analysis of AIDS Incubation Time*, \$11,664, 02/16/98 - 02/15/99 (Principal Investigator).
- **National Institutes of Health**, *Statistical Methods for Interval-Censored AIDS Data*, \$474,500, 08/01/1998-03/31/2004 (Principal Investigator).

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- **University of Missouri-Columbia**, *MU Big 12 Faculty Fellowship*, \$2,500, 03/1/98 - 12/31/98 (Principal Investigator).
- **Defense Threat Reduction Agency**, *Geographical Epidemiology Modeling*, 05/01/02 - 12/31/03 (consultant).
- **National Institutes of Health**, *Epigenomic Signature of Non-Hodgkin's Lymphoma*, 05/10/03 - 04/30/04 (Co-Investigator).
- **Missouri Department of Conservation**, *Validation of Missouri Landtype Associations*, 09/01/2001-08/31/2004 (Co-Investigator).
- **University of Missouri-Columbia**, *MU Life Sciences Fellowship*, \$52,000, 09/15/02 - 09/14/04 (Principal Investigator).
- **University of Missouri-Columbia**, *Faculty International Travel Fund*, \$1,500, 02/18/04 - 06/25/04 (Principal Investigator).
- **National Institutes of Health**, *Epigenomic Signature of Non-Hodgkin's Lymphoma*, 05/01/04 - 04/30/08 (Co-Investigator).
- **University of Missouri Research Board**, *Statistical Methods for Informatively Censored Data*, \$15,000, 09/01/04 - 08/31/05 (Principal Investigator).
- **University of Missouri-Columbia**, *MU Research Council*, \$3,400, 08/01/04 - 7/31/05 (Principal Investigator).
- **National Institutes of Health**, *Statistical Methods for Interval-Censored AIDS Data*, \$580,000, 04/01/2004 - 03/31/2008 (Principal Investigator).
- **National Institutes of Health**, *Predoctoral Research Training in Biostatistics at the University of Missouri-Columbia*, \$743,338, 07/01/2007 - 06/30/2012 (Principal Investigator).

PUBLICATIONS :

Refereed Journals

- **He, X., Tong, X., Sun, J. and Cook, R. J. (2008)**. Regression Analysis of Multivariate Panel Count Data. *Biostatistics*, accepted.
- **Tong, X., Chen, M.-H. and Sun, J. (2008)**. Regression Analysis of Multivariate Interval-censored Failure Time Data with Application to Tumorigenicity Experiments. *Biometrical Journal*, accepted.
- **Zhu, L., Tong, X. and Sun, J. (2008)**. A Transformation Approach for the Analysis of Interval-censored Failure Time Data. *Lifetime Data Analysis*, accepted.
- **Zhu, C., Yues, K. C., Sun, J. and Zhao, X. (2008)** A Nonparametric Test for Interval-censored Failure Time Data with Unequal Censoring. *Communications in Statistics: Theory and Methods*, accepted.

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- **Sun, J., Sun, L. and Liu, D. (2007).** Regression Analysis of Longitudinal Data in the Presence of Informative Observation and Censoring Times. *Journal of the American Statistical Association*, Vol. 102, 1397-1406.
- **Sun, J., Tong, X. and He, X. (2007).** Regression Analysis of Panel Count Data with Dependent Observation Times. *Biometrics*, Vol. 63, 1053-1059.
- **Tong, X., Zhu, C. and Sun, J. (2007).** Semiparametric Regression Analysis of Two-sample Current Status Data with Applications to Tumorigenicity Experiments. *The Canadian Journal of Statistics*, Vol. 35, 575-584.
- **Chen, M., Tong, X. and Sun, J. (2007).** The Proportional Odds Model for Multivariate Interval-censored Failure Time Data. *Statistics in Medicine*, Vol. 26, 5147-5161.
- **Zhao, Q. and Sun, J. (2007).** Cox Survival Analysis of Microarray Gene Expression Data Using Correlation Principal Component Regression. *Statistical Applications in Genetics and Molecular Biology*, Vol. 6, No. 1, Article 16.
- **Zhang, Z., Sun, L., Sun, J. and D. M. Finkelstein (2007).** Regression Analysis of Failure Time Data with Informative Interval Censoring. *Statistics in Medicine*, Vol. 26, 2533-2546.
- **Park, D., Sun, J. and Zhao, X. (2007).** A Class of Two-sample Nonparametric Tests for Panel Count Data. *Communications in Statistics: Theory and Methods*, Vol. 36, 1611-1625.
- **Sun, J., Sun, L. and Zhu, C. (2007).** Testing the Proportional Odds Model for Interval-censored Data. *Lifetime Data Analysis*, Vol. 13, 37-50.
- **Wang, L., Sun, L. and Sun, J. (2006).** A Goodness-of-fit Test for the Marginal Cox Model for Correlated Interval-censored Failure Time Data. *Biometrical Journal*, Vol. 48, 1020-1028.
- **Sun, L., Zhang, Z. and Sun, J. (2006).** Additive Hazards Regression of Failure Time Data with Covariate Measurement Errors. *Statistica Neerlandica*, Vol. 60, No. 4, 497-509.
- **Sun, L., Wang, L. and Sun, J. (2006).** Estimation of the Association for Bivariate Interval-censored Failure Time Data. *Scandinavian Journal of Statistics*, Vol. 33, 637-649.
- **Zhao, Q. and Sun, J. (2006).** Semiparametric and Nonparametric Analysis of Recurrent Events with Observation Gaps. *Computational Statistics and Data Analysis*, Vol. 51, 1924-1933.
- **Sun, L., Liu, J., Sun, J. and Zhang, M. (2006).** Modeling the Subdistribution of a Competing Risk. *Statistica Sinica*, Vol. 16, No. 4, 1367-1385.
- **Sun, L., Park, D-H. and Sun, J. (2006).** The Additive Hazards Model for Recurrent Gap Times. *Statistica Sinica*, Vol. 16, No. 3, 919-932.
- **Guo, B., Sleper, D., Sun, J., Nguyen, H. T., Arelli, P. R. and Shannon, J. G. (2006).** Pooled analysis of data from multiple quantitative trait locus mapping populations. *Theoretical and Applied Genetics*, in press.

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- **Sun, J., Park, D-H., Sun, L. and Zhao, X (2005)**. Semiparametric Regression Analysis of Longitudinal Data with Informative Observation Times. *Journal of the American Statistical Association*, Vol. 100, No. 3, 882-889.
- **Zhang, Z., Sun, L., Zhao, X. and Sun, J. (2005)**. Regression Analysis of Interval-censored Failure Time Data with Linear Transformation Models. *The Canadian Journal of Statistics*, Vol. 33, No. 1, 61-70.
- **Sun, J. and Sun, L. (2005)**. Semiparametric Linear Transformation Models for Current Status Data. *The Canadian Journal of Statistics*, Vol. 33, No. 1, 85-96.
- **Zhang, Z., Sun, J. and Sun, L. (2005)**. Statistical Analysis of Current Status Data with Informative Observation Times. *Statistics in Medicine*, Vol. 24, 1399-1407.
- **Sun, J., Zhao, Q. and Zhao, X. (2005)**. Generalized Log Rank Tests for Interval-Censored Failure Time Data. *Scandinavian Journal of Statistics*, Vol. 32, 49-57.
- **Fang, H., Li, G. and Sun, J. (2005)**. Maximum Likelihood Estimation in a Semiparametric Logistic/Proportional-Hazards Mixture Model. *Scandinavian Journal of Statistics*, Vol. 32, 59-75.
- **Zhao, X., Lim, H. J. and Sun J. (2005)**. Estimating Equation Approach for Regression Analysis of Failure Time Data in the Presence of Interval-Censoring. *Journal of Statistical Planning and Inference*, Vol. 129, 145-157.
- **Sun, L., Kim, Y. and Sun, J. (2004)**. Regression Analysis of Doubly Censored Failure Time Data Using the Additive Hazards Model. *Biometrics*, Vol. 60, No. 3, 637-643.
- **Zhou, X., Sun, L. and Sun, J. (2004)**. A Uniform Semiparametric Approach for Longitudinal Data Analysis. *Far East Journal of Theoretical Statistics*, Vol. 13, 233-256.
- **Sun, J., Lim, H. J. and Zhao, X. (2004)**. An Independence Test for Doubly Censored Failure Time Data. *Biometrical Journal*, Vol. 46, 503-511.
- **Yang, J., Sun, J. and Hammer, D. (2004)**. Distribution Normality of pH and H⁺ Activities in Soil. *Environmental Chemistry Letters*, 2, 159-162.
- **Zhao, Q. and Sun, J. (2004)**. Generalized Log-rank Test for Mixed Interval-censored Failure Time Data. *Statistics in Medicine*, Vol. 23, No. 10, 1621-1629.
- **Sun, J., Sun, L. and Flournoy, N. (2004)**. Additive Hazards Model for Competing Risks Analysis of the Case-cohort Design. *Communication in Statistics: Theory and Methods*, Vol. 33, No. 2, 351-366.
- **Sun, J., Kim, Y. and Schmitt, C. J. (2003)**. Longitudinal Analysis of Bioaccumulative Contaminants in Freshwater Fishes. *Environmental and Ecological Statistics*, Vol. 10, 419-428.

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- **Sun, J., Liao, Q. and Chiu, J-R. (2003).** Simple and Direct Nonparametric Estimation of a Survival Function in the Presence of Reporting Lags. *Journal of Nonparametric Statistics*, 395-401.
- **Sun, J. and Fang, H. B. (2003).** A Nonparametric Test for Panel Count Data. *Biometrika*, Vol. 90, 199-208.
- **Hu, X. J., Sun, J. and Wei, LJ. (2003).** Regression Parameter Estimation from Panel Counts. *Scandinavian Journal of Statistics*, Vol. 30, 25-43.
- **Lim, H. J. and Sun, J. (2003).** Nonparametric Tests for Interval-Censored Failure Time Data. *Biometrical Journal*, Vol. 45, 263-276.
- **Fang, H., Sun, J. and Lee, M-L T. (2002).** Nonparametric Survival Comparison for Interval-censored Continuous Data. *Statistica Sinica*, Vol. 12, 1073-1083.
- **Lim, H. J., Sun, J. and Matthews, D. E. (2002).** Maximum Likelihood Estimation of a Survival Function with a Change-Point for Truncated and Interval-Censored Data. *Statistics in Medicine*, Vol. 21, 743-752.
- **Fang, H. and Sun, J. (2001).** Consistency of Nonparametric Maximum Likelihood Estimation of a Distribution Function Based on Doubly Interval-Censored Failure Time Data. *Statistics and Probability Letters*, Vol. 55, 311-318.
- **Sun, J. (2001).** Nonparametric Test for Doubly Interval-Censored Failure Time Data. *Lifetime Data Analysis*, Vol. 7, 363-375.
- **Sun, J. and Rai, S. N. (2001).** Nonparametric Tests for the Comparison of Point Processes based on Incomplete Data. *Scandinavian Journal of Statistics*, Vol. 28, 725-732.
- **Sun, J. (2001).** A Semiparametric Regression Analysis of CD4 Cell Counts. *Statistics in Medicine*, Vol. 20, 3313-3322.
- **Sun, J., Kim, Y., Hewett, J., Johnson, J. C., Farmer, J. and Gibler, M. (2001).** Evaluation of Traffic Injury Prevention Programs Using Counting Process Approaches. *Journal of the American Statistical Association*, Vol. 96, 469-475.
- **Sun, J. (2001).** Variance Estimation of a Survival Function for Interval-censored Survival Data. *Statistics in Medicine*, Vol. 20, 1249-1257.
- **Sun, J. and Song, X. K. (2001).** Statistical Analysis of Repeated Measurements with Informative Censoring Times. *Statistics in Medicine*, Vol. 20, 63-73.
- **Sun, J. and Yang, I. (2000).** Nonparametric Tests for Stratum Effects in the Cox Model. *Lifetime Data Analysis*, Vol. 6, 321-330.

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- **Sun, J. and Wei, LJ (2000)**. Regression Analysis of Panel Count Data with Covariate-Dependent Observation and Censoring Times. *Journal of Royal Statistical Society B*, 62, 293-302.
- **Sun, J. (2000)**. A Note on Principal Component Analysis for Multi-dimensional Data. *Statistics and Probability Letters*, Vol. 46, 69-73.
- **Sun, J. (1999)**. On the Use of Historical Control Data for Trend Test in Carcinogenicity Studies. *Biometrics*, Vol. 55, No. 4, 1273-1276.
- **Sun, J., Liao, Q. and Pagano, M. (1999)**. Regression Analysis of Doubly Censored Failure Time Data with Applications to AIDS Studies. *Biometrics*, Vol. 55, 909-914.
- **Sun, J. (1999)**. A Nonparametric Test for Current Status Data with Unequal Censoring. *J. R. Statist. Soc. B*, Vol. 61, 243-250.
- **Sun, J. (1997)**. Self-consistency Estimation of Distributions Based on Truncated and Doubly Censored Data with Applications to AIDS Cohort Studies. *Lifetime Data Analysis*, Vol. 3, No. 4, 305-313.
- **Sun, J. (1997)**. Statistical Analysis of Near-infrared Spectroscopy : Data Pretreatment. *Journal of Chemometrics*, Vol. 11, 525-532.
- **Qin, J. and Sun, J. (1997)**. Statistical Analysis of Right-censored Failure Time Data with Partially Specified Hazard Rates. *The Canadian Journal of Statistics*, 25, 325-336.
- **Sun, J. (1997)**. Regression Analysis of Interval-censored Failure Time Data. *Statistics in Medicine*, Vol. 16, 497-504.
- **Sun, J. and Matthews, D. E. (1997)**. A Random-effect Regression Model for Medical Follow-up Studies. *The Canadian Journal of Statistics*, Vol. 25, No. 1, 101-111.
- **Sun, J. (1996)**. A Nonparametric Test for Interval-Censored Failure Time Data with Application to AIDS Studies. *Statistics in Medicine*, Vol. 15, 1387-1395.
- **Sun, J. (1996)**. A Multivariate Principal Component Regression Analysis of NIR Data. *Journal of Chemometrics*, Vol. 10, 1-9.
- **Sun, J. and Kalbfleisch, J. D. (1996)**. Nonparametric Tests of Tumor Prevalence Data. *Biometrics*, Vol. 52, 726-731.
- **Sun, J. (1995)**. Empirical Estimation of a Distribution Function with Truncated and Doubly Interval-Censored Data and Its Application to AIDS Studies. *Biometrics*, Vol. 51, No. 3, 1096-1104.
- **Sun, J. (1995)**. Correlation Principal Component Regression Analysis of NIR Data. *Journal of Chemometrics*. Vol. 9, 21-29.

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- **Sun, J. and Kalbfleisch, J. D. (1995).** Estimation of the Mean Function of Point Processes Based on Panel Data. *Statistica Sinica*. Vol. 5, No. 1, 279-289.
- **Sun, J. and Kalbfleisch, J. D. (1993).** The Analysis of Current Status Data on Point Processes. *Journal of the American Statistical Association*. 88, 1449-1454.

Book or Book Chapters

- **Sun, J. (2006).** *The Statistical Analysis of Interval-censored Failure Time Data*. Springer, New York.
- **Zhu, C. and Sun, J. (2006).** Variance Estimation of a Survival Function with Doubly Censored Failure Time Data. *Advances in Statistical Methods for the Health Sciences*, eds. Balakrishnan, N., Auget, J.-L., Mesbah, M. and Molenberghs, G., Springer, 225-235.
- **Sun, J. (2005).** Interval Censoring. *Encyclopedia of Biostatistics*, Second Edition, John Wiley & Sons Ltd., 2603-2609.
- **Sun, J. (2004).** Statistical Analysis of Doubly Interval-censored Failure Time Data. *Handbook of Statistics: Survival Analysis*, eds. Balakrishnan, N. and Rao, C. R., Elsevier, North Holland, 105-122.
- **Sun, J., Zhao, Q. and Rai, S. N. (2002).** A Nonparametric Comparison of Tumor Incidences with Intermediate Lethality and Different Death Rates. *Recent Advances in Statistical Methods*, ed. Y. P. Chaubey, World Scientific Publishing Inc., London, 296-303.
- **Rai, S. N., Sun, J. and D. Hunt (2002).** Analysis of Occult Tumor Trial Data with Varying Lethality. *Recent Advances in Statistical Methods*, ed. Y. P. Chaubey, World Scientific Publishing Inc., London, 233-251.
- **Sun, J. (1998).** Interval Censoring. *Encyclopedia of Biostatistics*, John Wiley & Sons Ltd., 2090-2095.
- **Lawless, J. F. and Sun, J. (1991).** A Comprehensive Back-Calculation Framework for the Estimation and Projection of AIDS Cases. In *AIDS Epidemiology: Methodological Issues*, ed. N. P. Jewell, K. Dietz and V. T. Farewell, pp. 81-104, Boston: Birkhauser.
- **Sun, J. and Zou, G. Y. (1987).** Estimation of Ellipsoidal Distribution Functions. In *The Symposium Proceeding of Sino-States Statistical Conference*, Beijing, P.R.China.

INVITED PRESENTATIONS :

International Meetings

- **2007 Joint Statistical Meetings**, Statistical Analysis of Multivariate Interval-censored Data. Salt Lake City, Utah, July 29-August 2, 2007.

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- **35th Annual Meeting of the Statistical Society of Canada**, Regression Analysis of Multivariate Interval-censored Failure Time Data. Memorial University of Newfoundland, St. John's, Canada, June 10-13, 2007.
- **ICSA 2007 Applied Statistics Symposium**, Regression Analysis of Longitudinal Data with Outcome Dependent Observation and Follow-up Times. Raleigh, North Carolina, June 3-6, 2007.
- **Statistical Science: Present Position and Future Prospects**, Recent Developments in the Analysis of Interval-Censored Failure Time Data. University of Waterloo, Waterloo, Canada, May 30-June 1, 2007.
- **XXIIIrd International Biometric Conference**, Nonparametric and Semiparametric Analysis of Interval-censored Data. McGill University, Montreal, Canada, July 16-21, 2006.
- **ICSA 2006 Applied Statistics Symposium**, Semiparametric Transformation Models for Interval-censored Failure Time Data. University of Connecticut, Storrs, Connecticut, June 14-17, 2006.
- **34th Annual Meeting of the Statistical Society of Canada**, Regression Analysis of Longitudinal Data with Informative Observation and Follow-up Times. University of Western Ontario, London, Canada, May 28-31, 2006.
- **Workshop on Event History Analysis in Honor of Niels Keiding**, Regression Analysis of Panel Count Data with Dependent Observation Times. University Victor Segalen Bordeaux 2, Bordeaux, France, September 15-16, 2005.
- **ICSA 2005 Applied Statistics Symposium**, Regression Analysis of Interval-censored Failure Time Data with Informative Censoring. Bethesda North Marriott Hotel, Washington DC, June 12-15, 2005.
- **International Conference on Statistics in Health Sciences**, Statistical Analysis of Doubly Censored and Truncated Survival Data. Nantes, France, June 23 - 25, 2004.
- **International Conference on Distribution Theory, Order Statistics and Inference in Honor of Barry C. Arnold**, Nonparametric Comparison of Point Processes with Panel Count Data. The University of Cantabria, Santander, Spain, June 16-18, 2004.
- **Eastern North American Region Meeting of International Biometric Society**, Analysis of the Additive Hazards Model with Measurement Errors - Nonparametric Correction Method, Pittsburgh, PA, March 28 - 31, 2004.
- **Third International Conference on Mathematical Methods in Reliability Methodology and Practice**, Nonparametric Tests for Event History Data. Norwegian University of Science and Technology, Trondheim, Norway, June 17-20, 2002.

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- **Third International Conference on Mathematical Methods in Reliability Methodology and Practice**, Nonparametric Survival Comparison for Interval Censored Continuous Data. Norwegian University of Science and Technology, Trondheim, Norway, June 17-20, 2002.
- **Fourth Biennial International Conference on Statistics, Probability and Related Areas**, Estimating Equation Approach for Interval-censored Data. Northern Illinois University, DeKalb, Illinois, June 14 - 16, 2002.
- **The Fifth ICSA International Conference**, Statistical Analysis of Interval-censored Survival Data. The University of Hong Kong, Hong Kong, August 17 - 19, 2001.
- **The Fourth Canadian Conference in Applied Statistics**, Nonparametric Comparison of Tumor Incidence Rates in Survival/Sacrifice Experiments. Concordia University, Montreal, Canada, July 7, 2001.
- **Eastern North American Region Meeting of International Biometric Society**, Statistical Analysis of Doubly Interval-censored Survival Data. Chicago, Illinois, March 19 - 22, 2000.
- **Federation of Analytical and Spectroscopic Society Meeting**, Statistical Analysis of NIR Data — Data Pretreatment. Austin, Texas, October 13, 1998.
- **The XXVth Annual Meeting of Statistical Society of Canada**, Regression Analysis of Epidemiological Studies with Doubly Censored Failure Time Data. Fredericton, New Brunswick, Canada, June 4, 1997.
- **SIMS Meeting on Statistical Methodology for the Study of AIDS**, Nonparametric and Semiparametric Estimation of AIDS Incubation Distribution Based on AIDS Cohort Studies. Waterloo, Canada, April 28, 1994.

Colloquia or Seminars

- **Department of Statistics, Jilin Normal University, Changchun, P. R. China**, *Department Colloquium*, July 19, 2007.
- **Institute of Applied Mathematics, Chinese Academy of Sciences, Beijing, P. R. China**, *Institute Research Seminar Series*, July 13, 2007.
- **Department of Biostatistics, University of Iowa**, *Department Colloquium*, October, 9, 2006
- **School of Health Professions, University of Missouri-Columbia**, *School Research Seminar Series*, January 31, 2006.

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- **Division of Biostatistics, Greenebaum Cancer Center, University of Maryland at Baltimore, *Department Colloquium*, October 26, 2005.**
- **Department of Statistics, Jilin University, Changchun, P. R. China, *Department Colloquium*, July 7, 2005.**
- **Department of Statistics, Jilin Normal University, Changchun, P. R. China, *Department Colloquium*, July 1, 3, 2005.**
- **Department of Statistics, University of Waterloo, *Department Colloquium*, April 25, 2005.**
- **Department of Statistics, University of Kentucky, *Department Colloquium*, January 28, 2005.**
- **Department of Biostatistics, Harvard University, *HIV Working Seminar*, December 9, 2004.**
- **Biostatistics Center, Massachusetts General Hospital, *Center Seminar*, December 1, 2004.**
- **The Division of Biostatistics, Medical College of Wisconsin, *Division Seminar*, February 24, 2004.**
- **Department of Mathematics, The University of North Carolina at Charlotte, *Department Colloquium*, May 21, 2003.**
- **Department of Biostatistics, University of Rochester, *Department Colloquium*, March 10, 2003.**
- **Department of Biostatistics, St. Jude Children's Research Hospital, *Department Colloquium*, February 24, 2003.**
- **Department of Biostatistics, University of Michigan, *Department Colloquium*, March 5, 2002.**
- **Department of Mathematics and Statistics, University of Missouri-Kansas City, *Department Colloquium*, February 15, 2002.**
- **Division of Biostatistics, School of Public Health, University of Minnesota, *Division Seminars*, November 5, 2001.**
- **Department of Statistics, University of Central Florida, *Department Colloquium*, October 26, 2001.**
- **Department of Mathematics, Northeastern Normal University (P.R. China), *Department Colloquium*, August 8, 2001.**
- **Department of Statistics, Texas A&M University, *Department Colloquium*, April, 5, 2001.**

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- Department of Biostatistics and Medical Informatics, University of Wisconsin, *Department Colloquium*, March 2, 2001.
- Department of Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, *Department Colloquium*, June 1, 1999.
- Department of Mathematics, The University of North Carolina at Charlotte, *Department Colloquium*, March 26, 1999.
- Department of Biostatistics, University of North Carolina, *Department Colloquium*, March 24, 1999.
- Department of Mathematics, University of Memphis, *Department Colloquium*, February 26, 1999.
- Department of Epidemiology and Biostatistics, University of South Florida, *Department Colloquium*, November 19, 1998.
- Department of Statistics and Actuarial Science, University of Iowa, *Department Colloquium*, March 26, 1998.
- Department of Mathematics & Statistics, York University, *Department Colloquium*, March 6, 1998.
- Department of Statistics & Actuarial Science, University of Waterloo, *Department Colloquium*, March 3, 1998.
- Department of Mathematics, University of New Orleans, *Department Colloquium*, November 13, 1997.
- Department of Statistics, University of Missouri-Columbia, *Department Colloquium*, October 21, 1997.
- Department of Epidemiology & Biostatistics, Michigan State University, *Department Colloquium*, February 20, 1997.
- Department of Statistics, University of Missouri-Columbia, *Department Colloquium*, February 10, 1997.
- Department of Biostatistics, Harvard University, *Interval-Censored Data Working Group*, May 22, 1996.
- Department of Mathematics, University of Alberta, *Department Colloquium*, March 8, 1996.
- Department of Statistics, University of Georgia, *Department Colloquium*, February 13, 1996.
- Department of Biostatistics, Harvard University, *HIV Working Group*, November 16, 1995.

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OTHER PROFESSIONAL ACTIVITIES :

- **Member of Scientific Review Committee, Clinical Research and Field Studies of Infectious Diseases Study Section, National Institutes of Health, 2007 - 2011.**
- **Member of Scientific Review Committee and Data and Safety Monitoring Board, The Center for International Blood and Marrow Transplant Research, September, 2006 - August, 2009.**
- **Member of the W. J. Youden Award in Interlaboratory Testing Committee of the American Statistics Association, January 1, 2006 - December 31, 2008.**
- **Member of the E. C. Bryant Scholarship Committee of the American Statistics Association, January 1, 2005 - December 31, 2007.**
- **President (2003, 2004) and Secretary (2001, 2002) of the Mid-Missouri Chapter of the American Statistics Association.**
- **Editorial Responsibilities :** Associate Editor, *Lifetime Data Analysis* (2000-2004); Editorial Board Member, *Journal of Modern Applied Statistical Methods*, 2002 - present; Associate Editor, *Biometrical Journal*, 2007 - 2009.
- **Ph.D External Examiner :** Served as the External Examiners of the Ph.D thesis of Simon Dodds, *School of Electrical Engineering and Computer Science, The University of Newcastle*, 2004; the Ph.D thesis oral examination of Denise Babineau, *Department of Statistics, University of Waterloo*, 2005.
- **Organizer and Chair of Invited Sessions:** Organized an invited session (*New Development in the Analysis of Medical Data with Complex Structures*) for JSM 2007, Salt Lake City, UT, July 28 - August 2; an invited session (*New Development in Statistical Methods for Incomplete Data with Complex Observation Process*) for IBS 2006, Montreal, Canada, July 16-21; an invited session (*Recent Development on Statistical Analysis of Doubly Interval-censored Data*) for JSM 2003, San Francisco, CA, August 3 - 7, 2003; an invited session (*New Developments in the Analysis of Censored Data*) for ICSA 2001 Applied Statistics Symposium, Chicago, IL, June 7 - 9, 2001; a special contributed session (*Recent Advances in Analyzing interval-Censored Survival Data*) for ENAR 2000, Chicago, IL, March, 2000. Chaired an invited session (*New Developments in the Analysis of Data with Unique Censoring Structures*) for Annual ICSA Applied Statistics Symposium, Raleigh, North Carolina, June 3 - 6; an invited session (*Biostatistics*) for The Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and the Institute of Mathematical Statistics (IMS), Beijing, China, July 9 - 12, 2005.
- **Panelist :** Invited by *NIAID of NIH* for *Special Emphasis Panel on AIDS Clinical Trial Group Network*, Oct., 2005; Invited by the *Division of HIV/AIDS Surveillance of Health Canada* for the *Panel Meeting on Canadian HIV/AIDS Surveillance*, Feb., 1993.

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- **Refereeing** : Served as a referee for journals including *Applied Spectroscopy*, *Biometrika*, *Biometrical Journal*, *Biometrics*, *The Canadian Journal of Statistics*, *Communications in Statistics: Theory and Methods*, *European Journal of Epidemiology*, *Journal of Agricultural, Biological, and Environmental Statistics*, *Journal of the American Statistical Association*, *Journal of American Public Health Association*, *Journal of Nonparametric Statistics*, *Life Time Data Analysis*, and *Statistics in Medicine*.
- **Contributor** : Invited to write special articles for the *Encyclopedia of Biostatistics* (1998, 2005), *Handbook of Statistics: Survival Analysis* (2003), and *Encyclopedia of Quantitative Risk Assessment Agreement and Instructions* (2007).
- **Member** of the *American Statistical Association*, *Institute of Mathematical Statistics*, *The International Biometric Society*, and *International Chinese Statistical Association*.

SOME SERVICES ON CAMPUS :

- Director of NIH Biostatistics Training Program, 2007-2012
- Serving on Arts and Science College Promotion, Tenure & Membership Committee (2006-2009)
- Serving on Department Advisory Committee (2002 - 2004; 2005-2006)
- Served on Arts and Science College Academic Appeals Committee (2002 - 2004)
- Served on the Educational Subcommittee of the Bioinformatics Strategic Planning Task Force (2003)
- Chair of Department Recruiting Committee (2002 - 2003)
- Chair of Organizing Committee of the Albert Winemiller Symposium on Applied Statistics (2001 - 2002)
- Chair or Co-Chair of Department Colloquium Committee (1998 - 2001)
- Chair of Preliminary and Qualifying Exam Committee (1998 - 1999)
- Served on Graduate Course Committee (1999 - 2000)
- Served on Preliminary and Qualifying Exam Committee (1998 - 1999)
- Served on the Graduate Admissions/Financial Support Committee (1997 - 1999)
- Served on the Albert Winemiller Committee (2000 - 2001)
- Served as Department Recording Secretary (1997 - 1998)

ADVISING ACTIVITIES :

- **Master Students**

Zhang, Xinyan	Directed her Master project (May, 2007)
Jeremy Gorelick	Directed his Master project (March, 2007)
Bryan, Margaret	Directed her Master project (April, 2007)
Qi Gong	Directed his Master project (March, 2007)
Xiao (Art) Peng	Directed his Master project (February, 2007)
Dandan Liu	Directed her Master project (April, 2005)
Baohong Guo	Directed his Master project (April, 2005)
Chao Zhu	Directed his Master project (December, 2003)
Jassy Molitor	Directed her Master project (May, 1999)

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- **Doctorate Students**

Liang Zhu	Directing her Ph.D research
Jeremy Gorelick	Directing his Ph.D research
Ling Chen	Directing her Ph.D research
Ping Chen	Directing her Ph.D research
Bin Zhang	Directing his Ph.D research
Xinyan Zhang	Directing his Ph.D research
Manhua Chen	Directed her Ph.D research (December, 2007)
Xin He	Directed his Ph.D research (July, 2007)
Lianming Wang	Directed his Ph.D research (July, 2006)
Chao Zhu	Directed his Ph.D research (July, 2006)
Do-Hwan Park	Directed her Ph.D research (June, 2005)
Zhigang Zhang	Directed his Ph.D research (July, 2004)
Qiang Zhao	Directed his Ph.D research (July, 2004)
Yang-jin Kim	Directed her Ph.D research (July, 2003)
Hee-Jeong Lim	Directed her Ph.D research (July, 2001)

- **Postdoctoral Fellows**

Dr. Junshan Shen	January, 2007 to present
Dr. Xingwei Tong	January, 2005 to October, 2006
Dr. Liuquan Sun	September, 2002 to August, 2004
Dr. Xingqiu Zhao	May, 2001 to July, 2002
Dr. Hongbin Fang	January, 1999 to December, 2000

- **Other Advising Activities**

Organized Biostatistics Working Seminar (Winter, 2004, 2005, 2006, 2007;
 Fall, 2003, 2005, 2006, 2007)

Organized Survival Analysis Working Seminar (Winter, 2003; Fall, 2002)

Organized Biostatistics Working Seminar (Winter, 2000, 2001, 2002; Fall, 2000, 2001)

Organized Survival Analysis Working Seminar (Fall, 1999)

Organized Longitudinal Data Analysis Working Seminar (Winter, 1999)