

# Ling Lan

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<http://www.mcg.edu/biostat/facstaff.htm>

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## Education

<b>Ph.D. in Biostatistics</b>	University of Louisville, Louisville, KY.	2005-08/2008
<b>M.S.P.H. in Biostatistics</b>	University of Louisville, Louisville, KY	2003-2005
<b>M. D.</b>	Nanjing Medical University, Nanjing, China	1992-1997

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## Professional Experiences

- 09/2008 – present **Assistant Professor**  
Department of Biostatistics, Medical College of Georgia, Augusta, GA
- 2007 – 2008 **Editorial Assistant** (Support Editor-in-Chief)  
Statistics and Probability Letters
- Communicated with Associate Editors, reviewers and authors; provided instructions on how to use the EES system and maintained the manuscripts assignments
- 2006 – 2008 **Research Assistant** (work with Prof. Somnath Datta)  
Dept. of Bioinformatics & Biostatistics, University of Louisville, KY
- Participated in methodological and computational aspects of research supported by National Security Agency Grant (PI. S. Datta, Fall 2006)
  - Participated in methodological and computational aspects of research supported by National Science Foundation Grant (PI. S. Datta, Spring 2007 – Summer 2008)
- 2006 – 2007 **Statistical Consultant**  
Statistical Consulting Center, Dept. of Bioinformatics & Biostatistics, UofL, KY
- Advised medical researchers on statistical design and analysis of various researches
- 2005 – 2006 **Graduate Assistant**  
Dept. of Bioinformatics & Biostatistics, University of Louisville, KY
- Prepared SAS code, R codes and lecture notes for master students in *Survival Analysis I* and *Advanced Statistical Computing I*
  - Tutored several Physicians in MSPH program in *Introduction to Biostatistics I*
- 2004 – 2005 **Research Assistant**  
Dept. of Environmental and Occupational Health Sciences & Dept. of Epidemiology and Population Health, University of Louisville, KY
- Collaborative research with Prof. Timothy E. Aldrich on evaluating the environmental risk factors for Paducah nuclear plant workers (NOISH Grant)
  - Performed data analysis and relative survival analysis on Kentucky brain cancer data as an illustration for the above project
- 2003 – 2004 **Research Assistant**  
Dept. of Bioinformatics & Biostatistics, University of Louisville, KY
- Worked with Dr. Tonya M. Smoot on *the pregnancy smoking secession program in Louisville* project, a community based behavioral trial
- 1997 – 2003 **Resident in Pediatrics**  
Department of Pediatrics, Daqing Longnan Hospital, China
- Independent clinical practice in ICU and in-patient and out-patient divisions and supervise interns and junior residents

## Research Interests

Multivariate survival analysis: nonparametric inference on multistate models  
 Clinical trial: group sequential design  
 Micro array data analysis

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## Honors / Awards

2008 JSM Student Paper Award from the American Statistical Association (ASA) Section on Nonparametric Statistics  
 2008 Graduate School Travel Awards for JSM 2008, IMST 2008 and ENAR 2008 in August, May and March, University of Louisville, Louisville, KY  
 2007 Graduate School Travel Award for JSM 2007, University of Louisville, Louisville, KY  
 2003-2008 Graduate Student Research Assistantship from Graduate School of University of Louisville, Louisville, KY

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## Publications

**Lan, L.** and Datta, S. (2008) Nonparametric estimation of state occupation, entry and exit times with multistate current status data. *Statistical Methods in Medical Research* doi: 10.1177/0962280208094278  
 Datta, S. **Lan, L.** and Sundaram, R. (2008) Nonparametric estimation of waiting time distributions in a Markov model based on current status data. (Submitted)  
**Lan, L.** and Datta, S. Nonparametric comparisons of waiting time distributions in a Markov system (Completed)  
 Xu, P., **Lan, L.** and McCabe, S. (2007) Decision modeling in the management of a flexor sheath ganglion. *Hand*, 2: 222-226  
 Aldrich, T. E., Freitas, S., **Lan, L.** and McKinney, W. P. (2008) Brain Cancer Survival in Kentucky: 1996-2000. *Journal of the Kentucky Medical Association* (In press)

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## Presentations

Contributed talk on “*Nonparametric comparisons of state waiting time distributions in a Markov system*” at Joint Statistical Meetings (JSM) in Denver, CO, August 2008  
 Invited talk on “*Nonparametric comparisons of waiting time distributions in a Markov system*” at international conference on Interdisciplinary Mathematical & Statistical Techniques (IMST) in Memphis, TN, May 2008  
 Contributed talk on “*Nonparametric estimation of state occupation, entry and exit times with multistate current status data*” at ENAR in Arlington, VA, March 2008  
 Invited talk on “*Nonparametric estimation of state occupation, entry and exit times with multistate current status data*” at Department Seminar in University of Louisville, Louisville, KY, March 2008  
 Poster presentation on “*Nonparametric estimation of state occupation, entry and exit times with multistate current status data*” at Brown Cancer Center Annual Retreat in Louisville, KY, November 2007  
 Contributed talk on “*Nonparametric estimation of state occupation, entry and exit times with multistate current status data*” at Joint Statistical Meetings (JSM) in Salt Lake City, Utah, August 2007  
 Invited talk on “*Paducah Databases - primary analysis*” at Cincinnati site visit for the NIOSH Grant in the University of Cincinnati, November 2005  
 Invited talk on “*Make Yours a Fresh Start Family - Report for the Pregnancy Smoking Seccession Program in Louisville*” at Graduate Student Seminar in University of Louisville, Louisville, KY, October 2003

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## Professional Membership

American Statistical Association (ASA)  
 Eastern North American Region of International Biometric Society (ENAR/IMS)  
 Golden Key International Honor Society