

NING LI

(Curriculum Vitae, August 2009)

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EDUCATION

Ph.D.	Biostatistics	University of California - Los Angeles	2005
M.A.	Microbiology	Duke University	2002
B.S.	Cell Biology and Genetics	Peking University	2000

POSITIONS AND EMPLOYMENT

Assistant Professor	Department of Epidemiology and Biostatistics, College of Public Health and Health Professions, University of Florida July 2008 –
Postdoctoral Scholar	Department of Biomathematics, UCLA Jan 2006 – June 2008
Graduate Student Researcher	Department of Biomathematics, UCLA Jan 2004 – Dec 2005
Graduate Student Researcher	Occupational and Environmental Health Nursing Program, School of Nursing, UCLA June 2003 – Dec 2005
Teaching Assistant	Department of Biostatistics, UCLA Sept 2002 – June 2003
Research Assistant	Department of Molecular Genetics and Microbiology, Duke University Aug 2000 – May 2002

HONORS AND SCHOLARSHIPS

Elected member of Delta Omega, Public Health Honor Society, 2006

Graduate Division Fellowship, UCLA, 2002 – 2005

Travel Award to Young Investigators for the conference "Assessing Human Germ Cell Mutagenesis in the Post-Genome Era: A Celebration of the Legacy of Bill Russell", 2004

Graduate Division Microbiology Scholarship, Duke University, 2000 – 2002

RESEARCH INTERESTS

Longitudinal analysis, missing data in longitudinal analysis, joint modeling of longitudinal and survival data, statistical genetics, systems biology.

GRANTS AND CONTRACTS

01/05/2009- Co-investigator (20%), Children's Oncology Group Statistics and Data Center (PI: Wendy London, Children's oncology group, University of Florida).

PUBLICATIONS

1. Li N, Das K and Wu RL. Functional mapping of human growth trajectories. *Journal of Theoretical Biology*, accepted.
2. Hu W, Li G and Li N. A Bayesian approach to joint analysis of longitudinal measurements and competing risks failure time data. *Statistics in Medicine*, accepted.
3. Hant FN, Ludwicka-Bradley A, Wang H, Li N, Elashoff R, Tashkin DP, Silver RM, for the Scleroderma Lung Study Research Group. Surfactant protein D and KL-6 as serum biomarkers of interstitial lung disease in patients with scleroderma. *The Journal of Rheumatology*, accepted.
4. Xu X, Dailey AB, People-Sheps M, Talbott EO, Li N and Roth J. Birth weight as a risk factor for breast cancer: a Meta-analysis of 18 epidemiologic studies. *Journal of Women's Health*, accepted.
5. Li N, Elashoff R and Li G. Robust joint modeling of longitudinal measurements and competing risks failure time data. *Biometrical Journal* 2009, 51(1):19-30.
6. Li N, Elashoff DA, Robbins WA and Xun L. A hierarchical zero-inflated log-normal model for skewed responses. *Statistical Methods in Medical Research*, 2008 Sep 24. [Epub ahead of print]
7. Elashoff RM, Li G and Li N (2008). A joint model for longitudinal measurements and survival data in the presence of multiple failure types. *Biometrics*, **64** 762-771. (**Authors listed in alphabetical order**)
8. Elashoff RM, Li G and Li N (2007). An approach to joint analysis of longitudinal measurements and competing risks failure time data. *Statistics in Medicine*, **26** 2813-2835. (**Authors listed in alphabetical order**)
9. Tashkin DP, Elashoff R, Clements PJ, Roth MD, Furst DE, Silver RM, Goldin J, Arriola , Strange C, Bolster MB, Seibold JR, Riley DJ, Hsu VM, Varga J, Schraufnagel D, Theodore A, Simms R, Wise R, Wigley F, White B, Steen V, Read C, Mayes M, Parsley E, Mubarak K, Connolly MK, Golden J, Olman M, Fessler B, Rothfield N, Metersky M, Khanna D, Li N and Li G (2007). Effects of 1-year treatment with cyclophosphamide on outcomes at 2 years in scleroderma lung disease. *The American Journal of Respiratory and Critical Care Medicine*, **176** 1026-1034.
10. Chang BL, Robbins WA, Wei F, Xun L, Wu G, Li N and Elashoff DA (2006). Boron workers in China: exploring work and lifestyle factors related to boron exposure. *American Association of Occupational Health Nurses Journal*, **54** 435-443.
11. Robbins WA, Elashoff DA, Xun L, Jia J, Li N, Wu G and Wei F (2005). Effect of lifestyle exposures on sperm aneuploidy. *Cytogenetic Genome Research*, **111** 371-377.

WORK IN PROGRESS

Li N, Elashoff R, Li G and Saver J. Joint modeling of longitudinal ordinal data and competing risks survival times and analysis of the NINDS rt-PA stroke trial. *under revision*.

Tonelli AR, Rouhani F, Li N, Schreck P and Brantly ML. Augmentation therapy improves lung function in patients with alpha-1 antitrypsin deficiency enrolled in the alpha-1 foundation DNA and tissue bank. *submitted*.

Li N and Wu RL. Functional clustering of periodic transcriptional profiles through ARMA(p,q). *in preparation*.

TEACHING

Spring 2009 PHC6053 Regression Methods for the Health and Life Sciences

STATISTICAL CONSULTING

Collaborated with Dr. D. Tashkin of UCLA Department of Medicine on the scleroderma lung study.

Collaborated with Dr. W. Robbins of UCLA Center for Occupational and Environmental Health on boron exposure and human reproductive health

PRESENTATIONS

Invited talk. Joint modeling of longitudinal ordinal data and competing risks survival times. WNAR, Portland State University, June 2009, joint work with Elashoff RM, Li G, and Saver J.

Poster Presentation. Functional Clustering of Periodic Transcriptional Profiles Through ARMA(p,q). Workshop on Statistical Methods for Dynamic System Models, Vancouver, Canada, June 2009, joint work with Wu RL.

Contributed talk. Joint Analysis of Generalized Longitudinal Measurements and Survival Data with Multiple Failure Types. ENAR, Arlington, Virginia, March 2008, joint work with Li G. and Elashoff RM.

Contributed talk. Robust inference for joint modeling of longitudinal measurements and competing risks failure time data. JSM, Salt Lake City, Utah, July 2007, joint work with Elashoff RM and Li G.

Contributed talk. Joint analysis of longitudinal measurements and competing risks failure time data. JSM, Seattle, WA, August 2006, joint work with Elashoff RM and Li G.

Invited Talk. Joint analysis of longitudinal measurements and competing risks failure time data. ICSA Applied Statistica Symposium, Washington D.C., June 2005, joint work with Elashoff RM and Li G.