

For favour of posting

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

Workshop

Professor Li Gang

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Los Angeles, California, USA

STATISTICAL METHODS FOR TIME-TO-EVENT DATA

Abstract

Time-to-event data arise frequently in biomedical research, demography, reliability testing, economics, business, social and behavioral science, policy research, and other studies. One of the major challenges associated with time-to-event data analysis is that the event time of interest may be partially observed or censored. In this lecture series, I will give an introduction to statistical methods for analysis of time-to-event data. I will also discuss recent developments for big and high-dimensional event time data.

Schedule and Venue:

Lecture 1	Introduction and non-parametric estimation	January 13, 2016 (Wednesday) ★ 2:30 p.m. - 4:30 p.m.	Room 301, Run Run Shaw Building
Lecture 2	Semi-parametric multiplicative hazard regression	January 16, 2016 (Saturday) ★ 9:30 a.m. - 12:00 noon	Room 301, Run Run Shaw Building
Lecture 3	Accelerated failure time models	January 16, 2016 (Saturday) ★ 1:30 p.m. - 4:00 p.m.	Room 301, Run Run Shaw Building
Lecture 4	Methods for competing risks data, and big data	January 27, 2016 (Wednesday) ★ 2:30 p.m. - 4:30 p.m.	Room 301, Run Run Shaw Building

***★ Refreshments will be served from 15 minutes before the workshop start time
outside Room 301 Run Run Shaw Building***

Biography

Professor Gang Li is Professor of Biostatistics and Biomathematics at University of California at Los Angeles (UCLA) and Director of UCLA's Jonsson Comprehensive Cancer Center Biostatistics Shared Resource. His research interests include survival analysis, longitudinal data analysis, high dimensional and OMICs data analysis, clinical trials, and evaluation and development of biomarkers. He has published over 100 papers in a wide variety of prestigious journals such as *Annals of Statistics*, *Journal of the American Statistical Association*, *Journal of the Royal Statistical Society-B*, *Biometrika*, and *Biometrics*. He is Elected Fellow of the Institute of Mathematical, Elected Fellow of the American Statistical Association, Elected Member of the International Statistics Institute, and Elected Fellow of the Royal Statistical Society. He has been serving as an Associate Editor for several statistics journals including *Biometrics*. Professor Li has also been active in collaborating with researchers in basic science, translational research, and clinical trials, and has been the statistics Principal Investigator for a number of large multi-institution NIH funded cancer studies.

Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 3917 2466 for parking arrangement.

All interested are welcome