DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

50th Anniversary Seminar Series

Professor Gang LI

Departments of Biostatistics and Biomathematics
University of Los Angeles at California
USA

will give a talk
entitled

SCALABLE SPARSE REGRESSION FOR LARGE MEDICAL DATA

Abstract

Recent advances of medical informative tools and high throughput technologies have made large scale data routinely accessible to researchers, administrators, and policy-makers. Large scale data provides unprecedented opportunities for new and innovative approaches to science and medical research. On the other hand, this "data deluge" also poses new challenges and critical barriers for biostatisticians and scientists as existing statistical methods are rendered unfeasible for analyzing these large scale datasets. In this talk I will discuss a new suite of scalable sparse regression tools for large scale medical data. Specifically, we will focus on two common types of large scale data: 1) high dimensional (number of predictors in thousands, or tens of thousands), massive sample-size (thousands or tens of thousands) data; and 2) high dimensional (number of predictors in thousands, tens of thousands), small sample-size (tens or hundreds) data.

on

Wednesday, June 28, 2017

(Refreshments will be served from 10:45 a.m. outside Room 301 Run Run Shaw Building)

11:00 a.m. – 12:00 noon

at

Room 301, Run Run Shaw Building

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