

**University of California, Irvine
Statistics Seminar**

Statistical Modeling for Biomedical Applications

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**Thursday, September 29, 2016
4 p.m., 6011 Bren Hall
(Bldg. #314 on campus map)**

In this talk, I will discuss two recent projects related with biomedical applications. First, I will talk about classification of image (matrix) data using regularization methods based upon nuclear norms. Second, I will talk about risk prediction for liver cancer. I will discuss estimation of time-dependent characteristic curves and construction of a score system that combines the information of biomarkers with other baseline covariates. I will also discuss an ongoing work on hypothesis testing for the number of components in the mixture model.