



The University of Chicago  
Department of Statistics

SECOND YEAR PHD PRESENTATION

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**Random Rankings and a Model Based  
on Multinomial Comparisons**

**WEDNESDAY, April 20, 2011, at 4:45 PM**  
110 Eckhart Hall, 5734 S. University Avenue

ABSTRACT

A ranking is a set partition with ordered blocks, and a ranking structure is a family of probability distributions over rankings with certain consistency properties. Most existing research focuses on exchangeable ranking structures. However, non-exchangeable structures can also be theoretically interesting and practically useful. In this talk, we will discuss a model under the time series setting which allows for a sequential construction based on the multinomial distribution.