STUDENT SEMINAR

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Title

Bayesian Approaches to Ranking and Selection

Speaker

Cora Allen-Coleman (3rd year Ph.D. student in Statistics, UW-Madison)

Time & Place

Friday, March 9, 2018
4pm, Social work 110

Pizza @ 3:45pm, Social work 110

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Abstract

Selection and ranking procedures are widely used in applications ranging from search engines to microbiology to sports statistics. A Bayesian approach to ranking has several advantages over a classical approach, including the power to accommodate unequal variances in parameter estimates. In this talk, I'll discuss the foundations of Bayesian ranking theory through several seminal papers, then discuss recent methodological contributions. (Joint work with Professor Ron Gangnon).