



STATISTICS DEPARTMENT COLLOQUIUM

MONDAY, APRIL 20, 2009

Talk: 4:00 PM – *Science Center 309*

Reception: 5:15 PM – *Science Center, 7th Floor*

“Bayesians and Frequentists under Informative and Non-informative Survey Sampling”

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ABSTRACT

We begin with a discussion of general situations where a Bayesian approach could be preferred over a frequentist approach to inference. We then discuss the rationale for using design-based methods vs. model based methods for analyzing surveys with non-ignorable survey designs. Finally, we answer some of the criticisms of using design-based methods, and we comment on particular situations where the rationale for using design-based methods may not apply.