

The University of Chicago

Department of Statistics

Seminar

Zhiliang Ying

Department of Statistics

Columbia University

**“Semiparametric AFT Model for Survival Data:
Inference, Implementation and Theory”**

**Monday, October 27, 2003 at 4:00 PM
133 Eckhart Hall, 5734 S. University Avenue**

ABSTRACT

The accelerated failure time (AFT) model is an equivalent version of the linear regression model, especially formulated for survival data. Because of its many attractive features and the link to the classical linear regression, there have been many efforts made in the past two and a half decades in developing inference procedures as well as related theory. This talk will start with an overview of these efforts, including difficulties encountered there of. Some significant recent developments will then be described. Special attention will be given to the inferential and implementational aspects.
