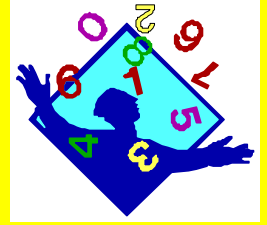


# STATISTICS SEMINAR



## **\*Master Report\*** **Structural Equation Modeling** **with SAS®CALIS**

**Jennifer Hunter**  
**Department of Statistics**  
**Kansas State University**

DATE: July 11, 2005

TIME: 3:00 pm

PLACE: Dickens 106

REFRESHMENTS: TBA

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**Structural equation modeling is an area of statistics used in fields of research such as social and biological sciences, economics and more. Several analysis programs exist for analyzing this type of data. This report is intended to provide an overview of the SAS®CALIS procedure. It discusses the basic principles of structural equation modeling and how a hypothesized model is conveyed in SAS®CALIS. Several examples of increasing complexity are used to illustrate the methods of programming in CALIS.**

\*\* Upcoming seminars may also be found on the web at <http://www.ksu.edu/stats/current.seminars/nav.currentseminars.html>.