

- **Workshop**, “Applied Structural Equation Modeling” at the Center for Statistical Consultation and Research (CSCAR) at the University of Michigan, Ann Arbor, MI, May 21-24, 2007.

## Applied Structural Equation Modeling

A CSCAR Workshop  
*Center for Statistical Consultation and Research, The University of Michigan*

---

*May 21-24, 2007*

*Laura Klem, Instructor*

---

This workshop is designed to help participants develop skills in defining, estimating and testing plausible structural equation models. *Applied Structural Equation Modeling* will focus on covariance structure models with latent variables. Two submodels, confirmatory factor analysis and path analysis, will also be covered. Lectures covering structural equation modeling in general will be interspersed with hands-on computer work, using both AMOS<sup>6</sup> and LISREL 8 software. The workshop is intended as an introduction to structural equation modeling.

---

### **Instructor:**

Laura Klem is a Senior Research Associate with CSCAR. Her CSCAR responsibilities include extensive consulting on structural equation models, and primary support for LISREL and AMOS (structural equation modeling software). Additional CSCAR staff will provide assistance during the computer lab.

### **Audience:**

Researchers in social sciences and other applied fields who may encounter data suitable for structural equation models.

### **Prerequisite:**

Introductory statistics, plus familiarity with multiple regression and factor analysis.

### **Provisions:**

Enrollees will receive substantial handouts. Morning refreshments will be served. Break for lunch (lunch not provided).

### **Dates:**

Monday, Tuesday, Wednesday, and Thursday, May 21-24, 2007.

### **Time:**

9:00 - 4:00 p.m. (Thursday only: 9:00 am - 12:00 noon)  
Break time for off-site lunch (lunch not provided).

**Location:**

Rackham Bldg, 2<sup>nd</sup> floor, North Alcove in the West Study Hall

**Fee:**

**Registration until May 7, 2007:**

\$350 for University of Michigan affiliated faculty, staff and students  
\$800 for others.

**Registration after May 7, 2007:**

\$420 for University of Michigan affiliated faculty, staff and students  
\$960 for others.

Fees can be paid by check or will be billed to a University of Michigan project/grant.

**Registration:**

Call CSCAR Workshop Registration at 734-764-7828. Enrollment is limited. Make check payable to CSCAR--University of Michigan, or give the University of Michigan short code to be billed. Send check to CSCAR, University of Michigan, 3550 Rackham Bldg., 915 E. Washington St., Ann Arbor, MI 48109-1070.