



The Quantitative Training Program
at the University of Kansas
announces our

8TH Annual Summer Institutes: "Stats Camps"

KU Summer Institutes — Stats Camps 2010 Now Enrolling

June 7-11, 14-18, & 21-25, 2010 • 9:00 a.m. - 5:00 p.m.

Holiday Inn Convention Center • Lawrence, Kansas

www.Quant.KU.edu

Structural Equation Modeling: Foundations and Extended Applications (Todd D. Little & Noel A. Card, instructors)

June 7-11, 2010

Topics will include confirmatory factor analysis, multiple-group comparisons, factorial invariance as well as extended applications such as hierarchical model and multi-trait, multi-method analyses.

Multilevel Modeling: Foundations and Applications (Kristopher J. Preacher & James P. Selig, instructors)

June 7-11, 2010

Topics will include the foundations and advanced applications of multilevel modeling, including plotting cross-level interaction effects and conducting multiparameter contrasts.

Structural Equation Modeling: Advanced Longitudinal Modeling (Todd D. Little, instructor)

June 14-18, 2010

Topics will include traditional panel designs, latent growth curve analysis, growth mixture modeling, and dynamic intra-individual modeling.

Foundations of Meta-Analysis (Noel A. Card, instructor)

June 14-18, 2010

This course teaches the skills necessary to conduct and write publishable meta-analytic reviews, including methods of searching the empirical literature, coding effect sizes, and analyzing effect sizes across multiple studies.

Categorical Data Analysis (Pascal R. Deboeck and Carol Woods, instructors)

June 14-18, 2010

This course introduces the analysis of data with categorical outcomes. Topics will include categorical probability distributions, modeling binary and multi-category outcomes, and contingency table analysis.

Statistical Analysis and Programming in R (Paul E. Johnson & Pascal R. Deboeck, instructors)

June 21-25, 2010

This course introduces R: how to manipulate R objects, inputting and outputting of data, running statistics common to the social sciences (including multiple forms of regression), creating graphs, and creating functions.

Fundamentals of Item Response Theory (Michael C. Edwards, instructor)

June 21-25, 2010

This course covers the basic IRT models (2- & 3-parameter logistic, graded response model, etc.) and discusses several advanced topics to provide an overview of the wide variety of potential uses for IRT, including, measurement invariance, computerized adaptive testing, linking, equating, and multidimensional IRT models.

Social Network Dynamics (Christian E. G. Steglich, instructor)

June 21-25, 2010

This course covers longitudinal Social Network Analysis with the software package, SIENA. With a longitudinal focus, the course will emphasize the actor-based approach to social network analysis as implemented in SIENA.

REGISTER ONLINE TODAY

www.Quant.KU.edu

Register by April 25 and receive an early bird discount on the institute fee.
Sign-up for two consecutive courses and receive a discount worth the weekend hotel costs

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Comments from Past Participants:

"The instructor's clear and practical presentation of material that was once intimidating to me has uncovered a powerful analytic tool. I feel comfortable that I've learned the correct application of SEM from experts in the field. At the same time, I was introduced to cutting edge techniques and I understand the advantages of their use."—*Jenny Tehan, Graduate Student, Georgia Institute of Technology*

"This course was the most useful statistical training course I've ever had! The instructors are down to earth and practical in their teaching style and the classroom environment was relaxed and non-threatening, which is necessary for such a potentially daunting topic. In particular, the one-on-one private consultation with my own data was invaluable."—Anonymous comment from the participant satisfaction survey

"Just a quick note to thank you for a wonderful class. I really learned a tremendous amount. Great workshop, nicely paced, good balance between theory and the practicalities of doing SEM. Definitely worth the cost and, more important to me, worth my time."—*Megan R. Gunnar, Distinguished McKnight University Professor, Institute for Child Development, University of Minnesota*

"Although I have been involved with structural equation modeling (SEM) for many years now, I am still an inveterate SEM course taker. Without question, of all the courses I have ever taken, the Advanced Longitudinal course presented at the KU Stats Kamp has to be the best ever – hands down! Virtually everything about it was superb – material presented was thorough and well documented, slide content was always clear and very readable, pacing of the presentation was carefully monitored to match internalization of content, allotment of time for questions and extended discussion was generous, assistance with application of statistical techniques was ongoing, and - as if that were not enough, participants were provided with an abundance of supportive resources by way of key references, computer input/output files, visual and audio copies of the presentation, important reading materials, and guides to understanding critical statistical and SEM concepts. In my view, the Summer Stats Kamp at KU is an absolute gold mine of information "—*Barbara Byrne, School of Psychology, University of Ottawa*

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