Abstract
The next SAS® release provides major new functionality to statisticians. Bayesian analyses come to the PHREG, LIFEREG, and GENMOD procedures in SAS/STAT software. Survey data analysis procedures offer variance computations based on Jackknife and BRR methods. The new EFFECT statement provides more modeling options in procedures such as MIXED, QUANTREG, and GLMSELECT. In addition, ODS statistical graphics becomes production, and dozens of new graphics are available in many of the statistical procedures, from FREQ to GLM to GLIMMIX. Modifying these graphics on the fly is simple with the new interactive graphics editor. New procedures in SAS/GRAPH have been developed specifically for the statistician. Stat Studio, a programmable successor to SAS/INSIGHT, provides high-end data analysts with access to dynamic graphics, results from SAS/STAT, and an extended SAS/IML language with which to program their own algorithms. This talk will focus on some of the important new additions in SAS for statisticians and data analysts. In addition, it will provide a sneak peak at several new experimental procedures.