Item Response Theory
Principles and Applications Workshop

Monday, July 28 to Friday, August 1, 2008
Lord Jeffery Inn, Amherst, Massachusetts

Instructors are University of Massachusetts Amherst Faculty Members

Ronald K. Hambleton, Distinguished University Professor
Lisa A. Keller, Craig S. Wells, Jennifer Randall, Assistant Professors of Education

Goal and Workshop Content: The goal of the workshop is to provide attendees with the background and understanding they will need of unidimensional IRT models and related procedures for handling binary and polytomous response data to carry out procedures to solve a variety of applied problems in assessment and testing: These include item and ability parameter estimation, assessing model fit, building and comparing tests, identifying differentially functioning test items, equating tests over time, score reporting, and more. Approximately 40% of the workshop time will be spent analyzing and interpreting results. We have large data sets that we will use throughout the workshop, and attendees can bring their own data as well.

Intended Audience: Persons interested in learning about IRT and applying it a practical level would be well suited for the workshop. Some familiarity with educational statistics and educational measurement will be assumed. We expect to see attendees from credentialing agencies, health-related organizations, state departments of education, universities, consultants, university professors, and graduate students.

Fees: Five-day workshop. $900. Includes extensive workshop materials, UMass software for data simulation, equating, model fit, two meals for five days, and a reception and a conference dinner. Attendance will be limited to 30 persons.

For More Information and/or Registration Form: Contact Professor Lisa Keller at lkeller@educ.umass.edu.