Contemporary Approaches to Analyzing Panel Data

By

Prof. Peter Hom
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Date: Friday, 7 January 2011
Time: 2:00 p.m. - 5:00 p.m.
Venue: M802

All interested are welcome
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Workshop Outline

This workshop provides an overview of the relative advantages (and disadvantages) of multilevel and latent growth modeling (LGM) analyses for assessing temporal change and its effects. I discuss how hierarchical linear modeling (HLM) can be deployed to assess change trajectories, using HLM program. Later, I discuss how first- and second-order LGM analyses can also be used for change assessment and how to use a standard SEM program (EQS) to estimate trajectory models.

Peter W. Hom is a Professor of Management at Arizona State University (Tempe, AZ). He received his Ph.D. from the University of Illinois (Champaign-Urbana) in Industrial/Organizational Psychology. Prof. Hom has investigated theories of employee turnover in various occupations (Chinese managers, Swiss bankers, industrial salesmen, retail sales personnel, National Guardsmen, Mexican factory workers), designed realistic job previews to reduce reality shock and early quits among new nurses and accountants, and estimated the economic costs of turnover for mental health agencies. Currently, he analyzes and interprets statistics for the Attrition and Retention Consortium where Fortune 500 corporations share quit statistics for benchmarking. He has authored scholarly articles in the Academy of Management Journal, the Journal of Applied Psychology, Organizational Behavior and Human Decision Processes, and Personnel Psychology. He has authored two books entitled “Employee Turnover” (South-Western College Publishing Company, 1995) and “Retaining Valued Employees” (Sage Publications, 2001) with Rodger Griffeth. He and Drs. Griffeth, Greg Prussia, and Fanny Caranikas-Walker won the “1992 Scholarly Achievement Award” from the Human Resource Management Division of the Academy of Management for best academic article in Human Resources. He was recently admitted to the Society of Organizational Behavior. Prof. Hom serves on Editorial Boards for the Journal of Applied Psychology, Academy of Management Journal, and Journal of Management.