

Advances in Longitudinal Methods in the Social and Behavioral Sciences

**A CONFERENCE AND SHORT COURSE FOR APPLIED RESEARCHERS,
ACADEMIC RESEARCHERS, AND GRADUATE STUDENTS**

OFFERED BY

**THE CENTER FOR INTEGRATED LATENT VARIABLE RESEARCH (CILVR)
THE DEPARTMENT OF MEASUREMENT, STATISTICS & EVALUATION
UNIVERSITY OF MARYLAND, COLLEGE PARK**

Pre-Conference Short Course: June 16, 2010
Conference: June 17-18, 2010
Location: Robert H. Smith School of Business
Van Munching Hall
University of Maryland
College Park, MD 20742

Conference: Advances in Longitudinal Methods in the Social and Behavioral Sciences

A common and on-going challenge across research domains is to make meaningful inferences regarding the traits underlying observed but fallible response profiles of longitudinal data. Numerous statistical methods have been proposed to analyze such repeated measures data, including linear mixed effects models, multilevel models, hierarchical non/linear models, and latent growth curve modeling. While these basic models have been extended in several ways in recent years, methodological progress must be sustained in order to keep up with the myriad of complex data analytic conditions often found in practice. To that end, this conference brings together quantitative methodologists to present new, state-of-the-art developments in longitudinal methods, and to point to the future of this critical branch of data analysis. This conference should appeal in scope and accessibility to applied researchers, academic researchers, and graduate students throughout the many disciplines of the social and behavioral sciences.

Dates **June 17-18, 2010 (Thursday-Friday)**

Schedule **Check-in & Breakfast: 7:30 AM – 8:30 AM**
Sessions: 8:30 AM – 5:00 PM
Lunch (on your own): time depends on program
Thursday reception: 5:00 PM – 6:00 PM

Location **Howard Frank Auditorium--VMH 1524**
Robert H. Smith School of Business, Van Munching Hall (VMH)
University of Maryland, College Park MD 20742

Fee **\$145 (\$95 for full-time students) -- includes materials and continental breakfasts**

Pre-Conference Short Course: Longitudinal Models

Dr. Hanno Petras will offer a one-day short course on longitudinal models (using the Mplus software). Dr. Petras will illustrate a wide variety of longitudinal models (e.g., latent growth models, growth mixture models, latent transition models), showing participants the diverse and interesting research questions that apply to so many disciplines. This is also a great opportunity for some folks who want to "get up to speed" so as to get the most out of the two-day conference to follow.

Dates	June 16, 2010 (Wednesday)
Schedule	Check-in & Breakfast: 7:30 AM – 8:30 AM Session: 8:30 AM – 5:00 PM Lunch (on your own): time determined by instructor
Location	VMH 1528 Robert H. Smith School of Business, Van Munching Hall (VMH) University of Maryland, College Park MD 20742
Fee	\$75 for all participants -- includes materials and continental breakfast

Lodging

Participants are responsible for arranging their own accommodations. For out-of-town guests, there are several sources of accommodations in the immediate area. Information about hotel pricing and reservations can be found at the web site:

<http://www.cvs.umd.edu/visitors/offcampus.html>

Note that participants will need to make their own arrangements for transportation to and from campus.

[Note also that there is a hotel located on the edge of the University of Maryland campus: The Marriott Inn & Conference Center, University of Maryland University College. For more information about this hotel, visit: <http://www.marriott.com/hotels/travel/wasum-the-marriott-inn-and-conference-center-university-of-maryland-university-college/>]

Parking

For general information about the University, see the web site: <http://www.umd.edu/>. Visitor parking for the Robert H. Smith School of Business/Van Munching Hall can be found in the Mowatt Lane Parking Garage on the top two levels, in numbered spots. Pay stations are located by the elevators.