Announcing ICPSR's Summer 2011 Course on Longitudinal Analysis of Historical Demographic Data.

LEARN ADVANCED METHODS IN DEMOGRAPHIC ANALYSIS

ICPSR SUMMER PROGRAM WORKSHOP IN
LONGITUDINAL ANALYSIS OF HISTORICAL DEMOGRAPHIC DATA

July 18–August 12, 2011

Ann Arbor, Michigan

Historical demography is an interdisciplinary field with a long history of important contributions to population studies and to the understanding of the past. This research has revealed a great deal about fundamental demographic processes such as household and family dynamics, the transition to smaller family units, pre- and post-industrial population dynamics, the demographic transition, migration patterns, and demographic responses to economic stress. This 4-week course will emphasize the use of event history analysis and data management of historical databases drawn from European, North American, and Asian populations. Longitudinal data will be employed to construct time-varying covariates and contextual variables for individuals, families, and households. Methodological issues such as censoring and incomplete information will also be addressed. Read more information about the course at http://www.icpsr.umich.edu/icpsrweb/sumprog/historical-demography.jsp
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COURSE TOPICS
Problems Sources, Methods
Sources, methods, and theory of longitudinal analysis

Preindustrial population dynamics
Demographic transitions
Family systems & demographic behavior

Statistical Techniques & Model Building

Life tables — Survival curves — Proportional Hazards
Competing risks — Multiple events

Database Management

Managing life history data — Time-varying covariates
Household dynamics — Kinship networks

Application deadline: May 2, 2011

Applications are competitive. Participants will be selected on the basis of their interest in the topical areas, prior methodological training, and potential for research contributions that promote longitudinal analysis. Participants should be familiar with quantitative methods, including regression analysis. Those who need preparation in statistics are advised to attend quantitative courses during the June–July session of the ICPSR Summer Program. A limited number of travel grants (between $500 and $2,000 US) will be awarded. For those admitted to the workshop, no fee will be charged to attend the Longitudinal Analysis course. On-line applications begin in February at www.icpsr.umich.edu/sumprog/ . Support provided by the National Institutes of Health and the ICPSR Summer Program.

Instructors:

George Alter, University of Michigan

Glenn Deane, State University of New York at Albany

Myron P. Gutmann, University of Michigan and National Science Foundation

J. David Hacker, Binghamton University, SUNY

Satomi Kurosu, Reitaku University

Susan Hautaniemi Leonard, University of Michigan

Katherine A. Lynch, Carnegie Mellon University

Ken R. Smith, Huntsman Cancer Institute and University of Utah