CURRICULUM VITAE – JULY 2004

Katherine E. Masyn, Ph.D.

PRESENT POSITIONS

Postdoctoral Fellow
Appointment with Department of Mental Health,
Bloomberg School of Public Health,
Johns Hopkins University
Working from University of California, Los Angeles
Co-Mentors: Nicholas Ialongo, Johns Hopkins University
                 Bengt Muthén, UCLA

Senior Research Associate
Urban Teacher Education Collaborative,
Institute for Democracy, Education, and Access,
University of California, Los Angeles

CONTACT INFORMATION

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EDUCATION

Ph.D. (October 2003)
Advanced Quantitative Methods in Social Research
Graduate School of Education and Information Studies,
University of California, Los Angeles

Title: Discrete-Time Survival Mixture Analysis for Single and
        Recurrent Events Using Latent Variables
Committee Chair: Bengt Muthén,
Committee: Abdelmonem Afifi, Michael Seltzer, Mike Rose

M.A. (June 1999)
Biostatistics, Honors
University of California, Berkeley

B.S. (June 1995)
Mathematics, Summa Cum Laude, Phi Beta Kappa
College of William and Mary, Williamsburg, VA

	2003 Leigh Burstein Award for Excellence in Research Methodology University of California, Los Angeles

2003
 Leigh Burstein Award for Excellence in
Research Methodology
University of California, Los Angeles

1999-2003
Chancellor's Doctoral Fellowship Award
University of California, Los Angeles

1999
Classroom Technologies Grant
University of California, Berkeley

1999
Teaching Effectiveness Award
University of California, Berkeley

1997-1999
Biostatistics Block Grant
University of California, Berkeley

1998
Outstanding Graduate Student Instructor Award
University of California, Berkeley

1995
William and Mary Prize in Mathematics
College of William and Mary

1995
Benjamin Stoddard Ewell Award
College of William and Mary

10/2003 – present   Postdoctoral Fellow
Appointment with Department of Mental Health,
Bloomberg School of Public Health,
Johns Hopkins University, Baltimore, MD
Working from University of California, Los Angeles
Co-Mentors: Nicholas Ialongo, Johns Hopkins University
                      Bengt Muthén, UCLA

01/2003 – present   Senior Research Associate
Urban Teacher Education Collaborative
Institute for Democracy, Education, and Access,
University of California, Los Angeles

09/2003 – 12/2003   Lecturer
ED230A: Introduction to Research Design and Statistics
Graduate School of Education and Information Studies,
University of California, Los Angeles

08/2002 – 12/2003   Visiting Assistant Professor
Department of Education and Child Development,
Whittier College, Whittier, CA

1999 – 2002   Graduate Student Researcher
Supervisor: Bengt Muthén
Social Research Methodology Division,
Graduate School of Education and Information Studies,
University of California, Los Angeles

2001 – 2002   Graduate Student Instructor
ED231E: Statistical Analysis with Latent Variables
ED231A: Multivariate Statistics
ED229: Entrepreneurial Leadership and Education
Graduate School of Education and Information Studies,
University of California, Los Angeles

2002   Graduate Student Researcher
Supervisor: Mike Rose
Social Research Methodology Division,
Graduate School of Education and Information Studies,
University of California, Los Angeles

1997 – 1999   Graduate Student Instructor
PH241: Statistical Analysis of Categorical Data
PH245: Introduction to Multivariate Public Health Statistics
PH142S: Introduction to Public Health Statistics
STAT131A: Statistical Inference for the Social Sciences

PH241: Risk Research
PH142A: Introduction to Public Health Statistics
Biostatistics Division, School of Public Health,
University of California, Berkeley

1998   **Graduate Student Researcher**
Department of Epidemiology, School of Public Health,
University of California, Berkeley

RESEARCH CONSULTING	**10/2003 – present** Pasadena City College Title V Teaching and Learning Communities Program Evaluation Pasadena, CA **06/2002 – present** The GLOBE Program Stanford Research Institute, Stanford, CA **06/2001 – 06/2002** The Research Institute on Addictions, State University of New York, Buffalo
RESEARCH INTERESTS	Latent variable modeling, longitudinal data analysis, survival analysis, finite mixture modeling, behavior observation study design and inference, propensity scoring, prevention science methodology, cost-effectiveness analysis

PAPERS

Published

Muthén, B., Brown, C.H., Masyn, K., Jo. B., Khoo, S., Yang, C., Wang, C., Kellam, S., Carlin, J., and Liao, J. (2002). General growth mixture modeling for randomized preventive interventions. *Biostatistics*, 3(4), 459-475.

Accepted

Muthén, B., and Masyn, K. (2003). Discrete-time survival mixture analysis.
    Accepted for publication in Journal of Educational and Behavioral Statistics.

Under review

Schaeffer, C., Petras, H., Ialongo, N., Masyn, K., Hubbard, S., Poduska, J., and Kellam, S. A comparison of girls' and boys' aggressive behavior trajectories across elementary school: Prediction to young adult antisocial outcomes.

In preparation

Masyn, K. Modeling recurrent events in discrete-time using a latent class regression framework.

Masyn, K. Rethinking our priorities: Identifying high priority schools using multiple group latent class analysis.

Christie, C., and Masyn, K. Modeling profiles of evaluation practice.

Parra, M., and Masyn K. Neighborhood contextual effects on violence and delinquency propensities in adolescents.

WORKSHOPS AND SHORT COURSES

Masyn, K. and Kreuter, F. (July 2004). *General Growth Modeling: Longitudinal Analyses with Latent Variables.* 2-day short course presented at the Max Planck Institute for Human Development, Berlin, Germany.

Masyn, K. and Kreuter, F. (July 2004). *Latent Class Regression: Cross-sectional and Longitudinal Analyses with Categorical Latent Variables*. 2-day short course presented at the Max Planck Institute for Human Development, Berlin, Germany.

Masyn, K. (April 2002). *A Journey to HLM and Beyond*. 1-day workshop presented at the Research Institute on Addictions, SUNY Buffalo

PRESENTATIONS

Masyn, K. (July, 2004). *Modeling measurement error in event status for discrete-time survival processes using a latent variable framework.* Paper presented at the meeting of the Society for Multivariate Analysis in the Behavioral Sciences, Jena, Germany.

Masyn, K. (June, 2003). *Discrete-time survival mixture analysis for recurrent events.* Paper presented at the meeting of the Society for Prevention Research, Washington, DC.

Masyn, K. (June, 2002). *Extensions of discrete-time survival mixture analysis.* Paper presented at the meeting of the Society for Prevention Research, Seattle, WA.

Masyn, K. (June, 2002). *Latent class enumeration revisited: Application of Lo, Mendell, and Rubin (2001) to growth mixture models.* Paper presented at the meeting of the Society for Prevention Research, Seattle, WA.

Masyn, K. (June, 2001). *Discrete-time survival mixture analysis.* Paper presented at the meeting of the Society for Prevention Research, Washington, DC.

Masyn, K. (April, 2001). *Discrete-time survival mixture analysis.* Paper presented at the meeting of the American Educational Association, Seattle, WA.

Masyn, K. (June, 2000). *Latent class enumeration for growth mixture models.* Paper presented at the meeting of the Society for Prevention Research, Montreal, Quebec.

Masyn, K., and Brown, E. (April, 2001). *Enumeration of latent classes in general growth mixture modeling.* Paper presented at the meeting of the American Educational Research Association, Seattle, WA.

ARTICLE REVIEWS	Psychological Methods, 2003, 2004 Developmental Psychology, 2002, 2003 Prevention Science, 2002
PROFESSIONAL MEMBERSHIPS	American Psychological Association (APA) American Statistical Association (ASA) American Educational Research Association (AERA) Psychometric Society International Biometrics Society Society for Prevention Research (SPR) Prevention Science Methodology Group (PSMG) Workgroup on Observational Data Analysis (WODA) Early Career Prevention Network (ECPN)