

CURRICULUM VITAE

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ACADEMIC APPOINTMENTS

Assistant Professor, Quantitative Psychology (2006 – present)
University of Kansas, Lawrence, KS

EDUCATION

Individual NRSA Postdoctoral Fellowship, Quantitative Methodology (2003 – 2006)
University of North Carolina at Chapel Hill. Sponsors: Patrick J. Curran and Kenneth A. Bollen

Ph.D. in Quantitative Psychology (1998 – 2003) (Minor: Social Psychology)
Ohio State University. Advisor: Robert C. MacCallum

M.A. in Experimental Psychology (1996 – 1998)
The College of William & Mary. Advisor: Constance J. Pilkington

B.A. in Psychology (1992 – 1996)
North Carolina State University

AWARDS

Docking Faculty Scholar Award (2009). Awarded by the University of Kansas Endowment and the Docking Family for early career contributions.

Raymond B. Cattell Award for Outstanding Early-Career Contributions to Multivariate Experimental Psychology (2008). Awarded by the Society of Multivariate Experimental Psychology.

Anne Anastasi Early Career Award (2008). Awarded by the American Psychological Association Division 5: Evaluation, Measurement, and Statistics.

Association for Psychological Science Student Research Award (2008). Awarded by the Association for Psychological Science for: Gallagher, Lopez, & Preacher (2008). *The hierarchical structure of well-being*.

Best Paper Authored by a Student (2008). Awarded by the Research Methods Division of the Academy of Management for: Zhang, Zyphur, & Preacher (2008). *Testing multilevel mediation using hierarchical linear models: Problems and solutions.*

Jeffrey S. Tanaka Award for the best paper published in 2006 in Multivariate Behavioral Research (2007). Awarded by the Society of Multivariate Experimental Psychology for: Preacher (2006). *Quantifying parsimony in structural equation modeling.*

Top Three Faculty Paper (2006). Awarded by the Communication Theory and Methodology division of the Association for Education in Journalism and Mass Communication for: Hayes & Preacher (2006). *Bootstrapping specific indirect effects in multiple mediator models of media effects.*

Postdoctoral Award for Research Excellence (2005). University of North Carolina at Chapel Hill.

Dissertation Award (2004). Awarded by the American Psychological Association Division 5: Evaluation, Measurement, and Statistics.

Herbert Toops Research Award for Creative Psychology Doctoral Dissertation Research (2003). The Ohio State University.

Jeffrey S. Tanaka Award for the best paper published in 2001 in Multivariate Behavioral Research (2002). Awarded by the Society of Multivariate Experimental Psychology for: MacCallum, Widaman, Preacher, & Hong (2001). *Sample size in factor analysis: The role of model error.*

PROFESSIONAL PUBLICATIONS

Books

Preacher, K. J., Wichman, A. L., MacCallum, R. C., & Briggs, N. E. (2008). *Latent growth curve modeling*. Thousand Oaks, CA: Sage Publications.

Peer-Reviewed Articles in Quantitative Psychology

Zhang, G., Preacher, K. J., & Luo, S. (in press). Bootstrap confidence intervals for ordinary least squares factor loadings and correlations in exploratory factor analysis. *Multivariate Behavioral Research*.

Zhang, Z., Zyphur, M. J., & Preacher, K. J. (2009). Testing multilevel mediation using hierarchical linear models: Problems and solutions. *Organizational Research Methods*, 12, 695-719.

*Selig, J. P., & Preacher, K. J. (2009). Mediation models for longitudinal data in developmental research. *Research in Human Development, 6*, 144-164.

Franke, G. R., Preacher, K. J., & Rigdon, E. E. (2008). Proportional structural effects of formative indicators. *Journal of Business Research, 61*, 1229-1237.

Preacher, K. J., & Hayes, A. F. (2008). Asymptotic and resampling strategies for assessing and comparing indirect effects in multiple mediator models. *Behavior Research Methods, 40*, 879-891.

Preacher, K. J., Rucker, D. D., & Hayes, A. F. (2007). Addressing moderated mediation hypotheses: Theory, methods, and prescriptions. *Multivariate Behavioral Research, 42*, 185-227.

Little, T. D., Preacher, K. J., *Selig, J. P., & Card, N. A. (2007). New developments in latent variable panel analyses of longitudinal data. *International Journal of Behavioral Development, 31*, 357-365.

Preacher, K. J., Curran, P. J., & Bauer, D. J. (2006). Computational tools for probing interaction effects in multiple linear regression, multilevel modeling, and latent curve analysis. *Journal of Educational and Behavioral Statistics, 31*, 437-448.

Preacher, K. J. (2006). Quantifying parsimony in structural equation modeling. *Multivariate Behavioral Research, 41*, 227-259.

Preacher, K. J. (2006). Testing complex correlational hypotheses using structural equation modeling. *Structural Equation Modeling, 13*, 520-543.

Bauer, D. J., Preacher, K. J., & Gil, K. M. (2006). Conceptualizing and testing random indirect effects and moderated mediation in multilevel models: New procedures and recommendations. *Psychological Methods, 11*, 142-163.

Preacher, K. J., Rucker, D. D., MacCallum, R. C., & Nicewander, W. A. (2005). Use of the extreme groups approach: A critical reexamination and new recommendations. *Psychological Methods, 10*, 178-192.

| Reprinted in: Vogt, W. P. (Ed.) (2008). *Selecting research methods*. Thousand Oaks, CA: Sage Publications.

Preacher, K. J., & Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. *Behavior Research Methods, Instruments, & Computers, 36*, 717-731.

Preacher, K. J., & MacCallum, R. C. (2003). Repairing Tom Swift's electric factor analysis machine. *Understanding Statistics, 2*, 13-32.

* denotes one of my KU quantitative advisees.

Preacher, K. J., & MacCallum, R. C. (2002). Exploratory factor analysis in behavior genetics research: Factor recovery with small sample sizes. *Behavior Genetics*, *32*, 153-161.

MacCallum, R. C., Zhang, S., Preacher, K. J., & Rucker, D. D. (2002). On the practice of dichotomization of quantitative variables. *Psychological Methods*, *7*, 19-40.

MacCallum, R. C., Browne, M. W., & Preacher, K. J. (2002). Comments on the Meehl-Waller procedure for appraisal of path analysis models. *Psychological Methods*, *7*, 301-306.

MacCallum, R. C., Widaman, K. F., Preacher, K. J., & Hong, S. (2001). Sample size in factor analysis: The role of model error. *Multivariate Behavioral Research*, *36*, 611-637.

Peer-Reviewed Articles in Applied Psychology

Collins, N., Sachs-Ericsson, N., Preacher, K. J., Sheffield, K. M., & Markides, K. (in press). Smoking increases risk for cognitive decline among community dwelling older Mexican-Americans. *American Journal of Geriatric Psychiatry*.

Brener, L., von Hippel, W., Kippax, S., & Preacher, K. J. (in press). The role of physician and nurse attitudes in the health care of injecting drug users. *Substance Use and Misuse*.

Hawkey, L. C., Preacher, K. J., & Cacioppo, J. T. (in press). Loneliness impairs daytime functioning but not sleep duration. *Health Psychology*.

Gallagher, M. W., Lopez, S. J., & Preacher, K. J. (2009). The hierarchical structure of well-being. *Journal of Personality*, *77*, 1025-1049.

Sawyer, K., Sachs-Ericsson, N., Preacher, K. J., & Blazer, D. G. (2009). Racial differences in the influence of the APOE epsilon 4 allele on cognitive decline in a sample of community-dwelling older adults. *Gerontology*, *55*, 32-40.

Hamilton, N. A., Affleck, G., Tennen, H., Karlson, C., Luxton, D., Preacher, K. J., & Templin, J. L. (2008). Fibromyalgia: The role of sleep in affect and in negative event reactivity and recovery. *Health Psychology*, *27*, 490-497.

Hamilton, N. A., Gallagher, M., Preacher, K. J., Stevens, N., Nelson, C. A., Karlson, C., & McCurdy, D. (2007). Insomnia and well-being. *Journal of Consulting and Clinical Psychology*, *75*, 939-946.

Sachs-Ericsson, N., Verona, E., Joiner, T., & Preacher, K. J. (2006). Parental verbal abuse and the mediating role of self-criticism in adult internalizing disorders. *Journal of Affective Disorders*, *93*, 71-78.

Klein, H. J., Fan, J., & Preacher, K. J. (2006). The effects of early socialization experiences on content mastery and outcomes: A mediational approach. *Journal of Vocational Behavior*, *68*, 96-115.

von Hippel, W., von Hippel, C., Conway, L., Preacher, K. J., Schooler, J. W., & Radvansky, G. A. (2005). Coping with stereotype threat: Denial as an impression management strategy. *Journal of Personality and Social Psychology*, *89*, 22-35.

Kiecolt-Glaser, J. K., Preacher, K. J., MacCallum, R. C., Atkinson, C., Malarkey, W. B., & Glaser, R. (2003). Chronic stress and age-related increases in the proinflammatory cytokine interleukin-6. *Proceedings of the National Academy of Sciences*, *100*, 9090-9095.

Cunningham, W. A., Preacher, K. J., & Banaji, M. R. (2001). Implicit attitude measures: Consistency, stability, and convergent validity. *Psychological Science*, *12*, 163-170.

Chapters

Preacher, K. J. (in press). Latent growth curve models. Chapter to appear in G. R. Hancock & R. O. Mueller (Eds.), *The reviewer's guide to quantitative methods in the social sciences*. London: Taylor & Francis.

Hayes, A. F., Preacher, K. J., & Myers, T. A. (in press). Mediation and the estimation of indirect effects in political communication research. Chapter to appear in E. P. Bucy & R. L. Holbert (Eds.), *Sourcebook for political communication research: Methods, measures, and analytical techniques*. New York: Routledge.

Widaman, K. F., Little, T. D., Preacher, K. J., & Sawalani, G. M. (in press). On creating and using short forms of scales in archival research. Chapter to appear in K. H. Trzesniewski, M. B. Donnellan, & R. E. Lucas (Eds.), *Obtaining and analyzing archival data: Methods and Illustrations*. Washington, DC: American Psychological Association.

Little, T. D., Card, N. A., Preacher, K. J., & McConnell, E. (2009). Modeling longitudinal data from research on adolescence. In R. M. Lerner & L. Steinberg (Eds.), *Handbook of adolescent psychology* (3rd ed.) (pp. 15-54). Hoboken, NJ: Wiley.

Preacher, K. J., & Hayes, A. F. (2008). Contemporary approaches to assessing mediation in communication research. In A. F. Hayes, M. D. Slater, & L. B. Snyder (Eds.), *The Sage sourcebook of advanced data analysis methods for communication research* (pp. 13-54). Thousand Oaks, CA: Sage.

Preacher, K. J., Cai, L., & MacCallum, R. C. (2007). Alternatives to traditional model comparison strategies for covariance structure models. In T. D. Little, J. A. Bovaird, & N. A. Card (Eds.), *Modeling contextual effects in longitudinal studies* (pp. 33-62). Mahwah, NJ: Lawrence Erlbaum Associates.

Hawkey, L. C., Preacher, K. J., & Cacioppo, J. T. (2007). Multilevel modeling of social interactions and mood in lonely and socially connected individuals: The MacArthur Social Neuroscience Studies. In A. D. Ong & M. H. M. van Dulmen (Eds.), *Oxford handbook of methods in positive psychology* (pp. 559-575). New York: Oxford University Press.

Little, T. D., Card, N. A., Bovaird, J. A., Preacher, K. J., & Crandall, C. S. (2007). Structural equation modeling of mediation and moderation with contextual factors. In T. D. Little, J. A. Bovaird, & N. A. Card (Eds.), *Modeling contextual effects in longitudinal studies* (pp. 207-230). Mahwah, NJ: Lawrence Erlbaum Associates.

Manuscripts Submitted for Publication

Preacher, K. J., & Kelley, K. (submitted). *Reporting effect size for mediation effects: Quantitative and graphical strategies.*

Hayes, A. F., & Preacher, K. J. (submitted). *Quantifying and testing indirect effects in simple mediation models when the constituent paths are nonlinear.*

Preacher, K. J., & Merkle, E. C. (submitted). *The problem of model selection uncertainty in structural equation modeling.*

Preacher, K. J., Zhang, Z., & Zyphur, M. J. (submitted). *Alternative methods for assessing mediation in multilevel data: The advantages of multilevel SEM.*

Preacher, K. J., Zyphur, M. J., & Zhang, Z. (submitted). *A general SEM framework for articulating and testing multilevel mediation hypotheses.*

*Lee, J., Little, T. D., & Preacher, K. J. (submitted). Methodological issues in using structural equation models for testing differential item functioning. Chapter to appear in E. Davidov, P. Schmidt, & J. Billiet (Eds.), *Cross-cultural data analysis: Methods and applications*. New York: Taylor & Francis.

Preacher, K. J. (request to resubmit). *Testing mediation effects with bootstrap confidence intervals: Unrecognized consequences for practice.*

Rucker, D. D., Preacher, K. J., Tormala, Z. L., & Petty, R. E. (submitted). *Mediation in theory testing: Recommendations for examining indirect effects.*

Counts, J. M., Buffington, E. S., Chang-Rios, K., Rasmussen, H. N., & Preacher, K. J. (request to resubmit). *The development and validation of the Protective Factors Survey: A self-report measure of protective factors against child maltreatment.*

Software

*Selig, J. P., & Preacher, K. J. (2008, June). Monte Carlo method for assessing mediation: An interactive tool for creating confidence intervals for indirect effects [Computer software]. Available from <http://www.quantpsy.org>

* denotes one of my KU quantitative advisees.

Preacher, K. J., & Coffman, D. L. (2006, May). Computing power and minimum sample size for RMSEA [Computer software]. Available from <http://www.quantpsy.org>

Preacher, K. J., Curran, P. J., & Bauer, D. J. (2003, September). Probing interactions in multiple linear regression, latent curve analysis, and hierarchical linear modeling: Interactive calculation tools for establishing simple intercepts, simple slopes, and regions of significance [Computer software]. Available from <http://www.quantpsy.org>

Preacher, K. J. (2002, May). Calculation for the test of the difference between two independent correlation coefficients [Computer software]. Available from <http://www.quantpsy.org>

Preacher, K. J., & Briggs, N. E. (2001, May). Calculation for Fisher's Exact Test: An interactive calculation tool for Fisher's exact probability test for 2 x 2 tables [Computer software]. Available from <http://www.quantpsy.org>

Preacher, K. J. (2001, April). Calculation for the chi-square test: An interactive calculation tool for chi-square tests of goodness of fit and independence [Computer software]. Available from <http://www.quantpsy.org>

Preacher, K. J., & Leonardelli, G. J. (2001, March). Calculation for the Sobel test: An interactive calculation tool for mediation tests [Computer software]. Available from <http://www.quantpsy.org>

Other Work

*Selig, J. P., Preacher, K. J., & Little, T. D. (2009). Lag as moderator models for longitudinal data. *Multivariate Behavioral Research*, 44, 853 (abstract).

Preacher, K. J. (2009). Book review: *An introduction to latent variable growth curve modeling: Concepts, issues, and applications* (2nd ed.), by Terry E. Duncan, Susan C. Duncan, and Lisa A. Strycker. *Structural Equation Modeling*, 16, 186-190.

Preacher, K. J. (2008). Chi-square. In *International Encyclopedia of the Social Sciences* (2nd ed.) (Vol. 1, pp. 523-524). Detroit, MI: Macmillan Reference USA.

Preacher, K. J. (2003). Publishing in graduate school: Tips for new graduate students. *APS Observer*, 16(4), pp. 33-34, 50.

Preacher, K. J. (2003). *The role of model complexity in the evaluation of structural equation models*. Unpublished doctoral dissertation, Ohio State University, Columbus, OH.

Preacher, K. J., & Rucker, D. D. (2002). Dumbing it down: The dangers of appealing to the lowest common denominator. *Dialogue*, 17(1), 26-27, 31.

* denotes one of my KU quantitative advisees.

GRANTS AND FELLOWSHIPS

Primary investigator: *Scale setting in invariance tests*. University of Kansas New Faculty General Research Fund (2007 – 2009).

Individual Ruth L. Kirschstein NRSA Postdoctoral Fellowship: *Longitudinal Factorial Invariance in the Study of Substance Abuse Trajectories* (NIDA/NIH F32-DA016883). Sponsor: Patrick Curran; Co-Sponsor: Kenneth A. Bollen. L. L. Thurstone Psychometric Laboratory, University of North Carolina at Chapel Hill (2003 – 2006).

Travel and Workshop Awards (Yale University, 2001; Society for Personality and Social Psychology, 2001; Eastern Psychological Association, 1998, 1999; Society of Multivariate Experimental Psychology, 1999).

Ohio State University Merit Graduate Fellowship (1998).

OTHER FUNDED PROJECTS

Co-Investigator: *Telemedicine for smoking cessation in rural primary care*. (R01 HL087643-01A2), Kimber P. Richter, PI, University of Kansas Medical Center (2008 - 2011) (funded, total costs: \$2,947,233).

Subcontract. *Protective Factors Survey*. Parent grant: NFP46580, received from Chapel Hill Training Outreach Project (CHTOP, Inc.) via Cooperative Agreement #90CA1729 from the Administration on Children, Youth, and Families, Children's Bureau. Institute for Educational Research and Public Service, University of Kansas. (2006 – present).

Subcontract. *Psychoneuroimmunology: Preterm Birth in Hispanics*. Parent grant: R01-NR007891-05A (bridge grant: R56-NR007891-05A), Roberta J. Ruiz, PI, School of Nursing, University of Texas Medical Branch (2007).

PRESENTATIONS

Talks and Chaired Symposia

Preacher, K. J. (November, 2009). *The problem of model selection uncertainty in structural equation modeling*. Invited talk, Department of Psychology, Notre Dame University, Notre Dame, IN.

Preacher, K. J. (October, 2009). *A multilevel structural equation modeling framework for mediation: Advantages and extensions*. Cattell Award address delivered at the annual meeting of the Society of Multivariate Experimental Psychology, Lincoln City, OR.

Preacher, K. J. (August, 2009). *A comprehensive framework for multilevel mediation*. Invited address delivered at the annual meeting of the American Psychological Association, Toronto, ON.

Preacher, K. J., & Merkle, E. C. (September, 2008). *Bootstrapping differences in SEM selection criteria*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Montreal, QC.

Zhang, Z., Zyphur, M. J., & Preacher, K. J. (August, 2008). *Testing multilevel mediation using hierarchical linear models: Problems and solutions*. Paper presented at the annual meeting of the Academy of Management, Anaheim, CA.

Preacher, K. J. (August, 2008). *Anne Anastasi Distinguished Early Career Contributions Award: New approaches to hypothesis testing in mediation*. Paper presented at the annual meeting of the American Psychological Association, Boston, MA.

Preacher, K. J. (Symposium co-chair; May, 2008). *The statistical analysis of mediation effects*. Symposium held at the annual meeting of the Association for Psychological Science, Chicago, IL. Contributors included JeeWon Cheong, Amanda Fairchild, David P. MacKinnon, Kristopher J. Preacher, Patrick Shrout, and Margarita Krochik.

Preacher, K. J. (May, 2008). *Bootstrapping null-centered confidence intervals for mediation effects*. Paper presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

Preacher, K. J. (March, 2008). *Mediation analysis: Overcoming obstacles to valid statistical inference*. Invited talk, Department of Psychology, Michigan State University, East Lansing, MI.

Preacher, K. J. (February, 2008). *On variable dichotomization and other regrettable practices*. Invited talk, Department of Psychology, Wichita State University, Wichita, KS.

Preacher, K. J. (February, 2008). *Mediation analysis: Three problems with current practice*. Invited talk, Marketing Department, Kellogg School of Management, Northwestern University, Evanston, IL.

Little, T. D., Preacher, K. J., & *Lee, J. (October, 2007). *Partial measurement invariance: Some 'one' matters more than others*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Chapel Hill, NC.

Preacher, K. J., & *Lee, J. (August, 2007). *Scale setting in invariance tests: Some 'one' may matter more than others*. Paper presented at the annual meeting of the American Psychological Association, San Francisco, CA.

Preacher, K. J. (May, 2007). *Median splits and extreme groups*. Invited talk, University of Kansas Medical Center, Kansas City, KS.

* denotes one of my KU quantitative advisees.

Hayes, A. F., & Preacher, K. J. (August, 2006). *Bootstrapping specific indirect effects in multiple mediator models of media effects*. Paper presentation, the annual conference of the Association for Education in Journalism and Mass Communication, San Francisco, CA.

Preacher, K. (Symposium chair; June, 2006). *Model selection in latent variable models*. Symposium held at the annual meeting of the Psychometric Society, Montreal, QC. Contributors included Michael C. Neale, Kristian E. Markon, Gregory R. Hancock, and James H. Steiger (discussant).

Preacher, K. J. (June, 2006). *Why we should adopt a model selection strategy*. Paper presentation, the annual meeting of the Psychometric Society, Montreal, QC.

Preacher, K. J. (July, 2004). *The role of model complexity in the evaluation of structural equation models*. Invited talk, the annual meeting of the American Psychological Association, Honolulu, HI.

Kiecolt-Glaser, J. K., Preacher, K. J., Robles, T. F., Sheridan, J. F., MacCallum, R. C., Atkinson, C., Malarkey, W. B., & Glaser, R. (May, 2004). *Psychological influences on immune function: Health implications*. Paper presentation, the annual meeting of the PsychoNeuroImmunology Research Society, Titisee, Germany.

Workshops Conducted

Preacher, K. J. (June 1 – 5, 2009). *Multilevel Modeling: Foundations and Applications*. Seventh Annual RDA Summer Institute, The Schiefelbusch Institute for Life Span Studies, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 16 – 20, 2008). *Multilevel Modeling: Foundations and Applications*. Sixth Annual RDA Summer Institute, The Schiefelbusch Institute for Life Span Studies, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 4 – 8, 2007). *Multilevel Modeling: Foundations and Applications*. Fifth Annual RDA Summer Institute, The Schiefelbusch Institute for Life Span Studies, University of Kansas, Lawrence, KS.

Preacher, K. J. (May, 2006). *Advanced Regression Techniques: Mediation and Moderation*. Invited workshop, Marketing Department, Kellogg School of Management, Northwestern University, Evanston, IL.

Preacher, K. J. (March, 2006). *Advanced Regression Techniques*. Invited workshop, University of North Carolina School of Education, Chapel Hill, NC.

Preacher, K. J. (October, 2005). *Assessing Mediation, Moderation, and Conditional Indirect Effects*. Invited workshop, University of Western Ontario, Richard Ivey School of Business, London, ON.

Preacher, K. J. & Cunningham, W. A. (July, 2000). *Structural Equation Modeling: Parsing Variance in Repeated-Measures Designs*. Invited workshop, Department of Psychology, Yale University, New Haven, CT.

Posters

Ratliff, J. M., Hawley, P. H., & Preacher, K. J. (November, 2009). *Coerciveness and instrumentality within close friendships: An evolutionary perspective*. Poster presented at New Directions in Research on Close Relationships: Integrating Across Disciplines and Theoretical Approaches (a mini-conference of the International Association for Relationship Research), Lawrence, KS.

Collins, N., Sachs-Ericsson, N., Preacher, K. J., Sheffield, K. M., & Markides, K. (November, 2009). *Smoking increases risk for cognitive decline among community-dwelling older Mexican Americans*. Poster to be presented at the 62nd annual meeting of the Gerontological Society of America, Atlanta, GA.

Gallagher, M. W., Lopez, S. J., & Preacher, K. J. (August, 2009). *The latent structure of positive mental health in American adults*. Poster presented at the annual meeting of the American Psychological Association, Toronto, ON.

Zhang, Z., Zyphur, M. J., & Preacher, K. J. (April, 2009). *Hypothesizing and testing multilevel moderation: Issues and recommendations*. Poster presented at the annual conference of the Society for Industrial and Organizational Psychology, New Orleans, LA.

Stevens, N., Karlson, C., Hamilton, N. A., Preacher, K. J., Wallston, K., & Staecker, D. (April, 2009). *The Multidimensional Health Locus of Control Scales for labor and delivery*. Poster presented at the annual meeting of the Society for Behavioral Medicine, Montreal, QC.

Stevens, N., Hamilton, N. A., Preacher, K. J., Wallston, K., & Staecker, D. (April, 2009). *The Desire for Control in Childbirth Behavior Scale*. Poster presented at the annual meeting of the Society for Behavioral Medicine, Montreal, QC.

Stevens, N., Karlson, C., Hamilton, N. A., Staecker, D., Preacher, K. J., & Wallston, K. (March, 2009). *Biopsychosocial factors and perinatal healthcare decisions among primiparous and multiparous pregnant women*. Poster presented at the 17th annual National Women's Health Congress, Williamsburg, VA.

Stevens, N., Karlson, C., Hamilton, N. A., Staecker, D., Preacher, K. J., & Wallston, K. (March, 2009). *Do control beliefs and risk status affect pregnant women's perinatal health care decisions?* Poster presented at the annual meeting of the American Psychosomatic Society, Chicago, IL.

Landrum, Y. Y., Jackson, Y. K., Karpowitz, D., & Preacher, K. J. (August, 2008). *Parental psychological control perceived by African and European American adolescents*. Poster presented at the annual meeting of the American Psychological Association, Boston, MA.

*Selig, J. P., & Preacher, K. J., Card, N. A., & Little, T. D. (August, 2008). *Multilevel multiple-membership models for dyadic data*. Poster presented at the annual meeting of the American Psychological Association, Boston, MA.

Preacher, K. J. (August, 2008). *Effect size, practical significance, and graphical representation for mediation effects*. Poster presented at the annual meeting of the American Psychological Association, Boston, MA.

Sawyer, K., Corsentino, E., Preacher, K. J., Collins, N., Sachs-Ericsson, N., & Blazer, D. G. (July, 2008). *Race, depression, APOE, and dementia in a biracial sample of community dwelling elders*. Poster presented at the 11th International Conference on Alzheimer's Disease and Related Disorders, Chicago, IL.

Gallagher, M. W., Lopez, S. J., & Preacher, K. J. (May, 2008). *The hierarchical structure of well-being*. Poster presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

*Selig, J. P., Wu, Y. P., & Preacher, K. J. (April, 2008). *Parenting and the home environment as mediators of the relationship between maternal depression and child vocabulary*. Poster presented at the biennial meeting of the Society for Research in Human Development, Little Rock, AR.

Preacher, K. J., Rucker, D. D., Tormala, Z. L., & Petty, R. E. (January, 2008). *Traditional mediation analysis reconsidered: Issues of partial versus full mediation*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Albuquerque, NM.

Preacher, K. J. (May, 2007). *Revisiting statistical criteria for quantifying and testing mediation effects*. Poster presentation, the annual meeting of the Association for Psychological Science, Washington, DC.

Sawyer, K., Sachs-Ericsson, N., Preacher, K. J., & Blazer, D. G. (May, 2007). *The apolipoprotein E epsilon 4 allele predicts cognitive decline in a biracial sample of African American and white community-dwelling older adults*. Poster presentation, the annual meeting of the Association for Psychological Science, Washington, DC.

Hawkey, L. C., Preacher, K. J., & Cacioppo, J. T. (January, 2007). *Gender and sleep quality: Explaining individual differences in the association between interaction quality and loneliness*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, Memphis, TN.

* denotes one of my KU quantitative advisees.

Preacher, K. J., Rucker, D. D., & Hayes, A. F. (January, 2006). *Demystifying moderated mediation: A unified framework for investigating conditional mediation effects in psychological research*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, Palm Springs, CA.

Hawkey, L. C., Preacher, K. J., & Cacioppo, J. T. (January, 2005). *Multilevel modeling of lagged effects: Affect and interaction quality in lonely and socially connected individuals*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Preacher, K. J., & Rucker, D. D. (January, 2005). *Probing significant interaction effects in path analysis*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Preacher, K. J., & Kim, C. (July, 2004). *Choosing the optimal number of factors in exploratory factor analysis*. Poster presentation, the annual meeting of the American Psychological Association, Honolulu, HI.

Preacher, K. J., & Rucker, D. D. (January, 2004). *Moderation of form vs. degree: A neglected distinction in social psychology*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, Austin, TX.

Preacher, K. J., & Rucker, D. D. (February, 2003). *On the use of extreme groups analysis in the social sciences*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, Los Angeles, CA.

Klein, H. J., Fan, J. & Preacher, K. J. (April, 2004). *Socialization efforts, content, and outcomes: A mediational approach*. Poster presentation, the 2004 Annual Conference of the Society for Industrial and Organizational Psychology, Chicago, IL.

Preacher, K. J., Rucker, D. D., & MacCallum, R. C. (February, 2002). *The consequences of dichotomizing quantitative variables*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, Savannah, GA.

Preacher, K. J., Cunningham, W. A., Altman, A. M., & Banaji, M. R. (February, 2001). *Implicit attitude measures: Consistency, stability, and convergent validity*. Poster presentation, the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Franco-Watkins, A. M., Derks, P. L., & Preacher, K. J. (April, 1999). *Learning to switch in the Monty Hall Problem*. Poster presentation, the annual meeting of the Eastern Psychological Association, Providence, RI.

PROFESSIONAL SERVICE

Service to the Field

Coordinator, Methodology Track, Association for Psychological Science Program Committee (2008 – 2010).

Reviewer, Developmental Methodology Panel, Society for Research on Adolescence (SRA) 2008 and 2010 Biennial Meetings (2007, 2009).

Reviewer, Evaluation, Measurement, and Statistics Division, American Psychological Association (APA) 2008 Annual Convention (2007).

Website and listserv designer and manager, Society of Multivariate Experimental Psychology. (1998 – 2009).

Member, Innovation Committee, Society of Multivariate Experimental Psychology (2008 – present).

Departmental and University Service

Chair, Web and Technology Committee, Department of Psychology, University of Kansas (2009 – present).

Member, Quantitative Psychology Search Committee: tenure-track assistant professor search (2007); visiting assistant professor search (2007), University of Kansas.

Member, Merit Evaluation Committee, Department of Psychology, University of Kansas (2007 – 2009).

Member, Graduate Admissions Committee, Quantitative Psychology, University of Kansas (2007 – present).

Member, Website Committee, Quantitative Psychology, University of Kansas. (2006 – present).

Website designer and maintainer, Quantitative Psychology / L. L. Thurstone Psychometric Laboratory, University of North Carolina at Chapel Hill (2003 – 2006).

Website designer and maintainer, Quantitative Psychology, Ohio State University (1998 – 2003).

Co-coordinator, RDA Journal Discussion Group, Research Design and Analysis unit of the Shiefelbusch Life Span Institute, University of Kansas (2007 – present).

Member, College of Liberal Arts and Sciences academic misconduct panel (2008 – 2011).

Associate, University of Kansas Center for Research and Data Analysis (RMDA) (2009 – present).

Editorial Boards / Consulting Editorships

Multivariate Behavioral Research (EAB 2010 – present)

Psychological Methods (EB 2009; CE 2010 – present)

Journal of Counseling Psychology (EB 2006 – present)

Communication Methods and Measures (EB 2006 – present)

Basic and Applied Social Psychology (EB 2004 – 2008)

Ad hoc Reviewer

Applied Psychological Measurement, Basic and Applied Social Psychology, Behavior Research Methods, British Journal of Mathematical and Statistical Psychology, Child Development, Communication Methods and Measures, Computational Statistics and Data Analysis, Educational and Psychological Measurement, European Journal of Social Psychology, Human Communication Research, International Journal of Behavioral Development, International Journal of Sports Psychology, Journal of Abnormal Psychology, Journal of Applied Psychology, Journal of Consulting and Clinical Psychology, Journal of Counseling Psychology, Journal of Early Adolescence, Journal of Educational and Behavioral Statistics, Journal of Experimental Social Psychology, Journal of Gerontology: Psychological Sciences, Journal of Pediatric Psychology, Journal of Personality, Journal of Personality and Social Psychology, Journal of Positive Psychology, Journal of Speech, Language, and Hearing Research, Journal of Studies on Alcohol and Drugs, Methodology: European Journal of Research Methods in the Behavioural and Social Sciences, MIS Quarterly, Multivariate Behavioral Research, Organizational Research Methods, Personality and Social Psychology Bulletin, Prevention Science, Psychological Methods, Psychology and Aging, Psychological Science, Social & Personality Psychology Compass, Social Cognition, Social Development, Sociological Methodology, Statistical Methodology, Structural Equation Modeling, Methodology: Journal of the European Association of Methodology

TEACHING

Graduate Course Instructor

Multilevel Modeling. University of Kansas (Fall, 2006, 2007; Spring, 2009, 2010).

Factor Analysis. University of Kansas (Spring, 2007, 2008, 2010).

Structural Equation Modeling II. University of Kansas (Spring, 2007, 2008).

Applied Nonparametric Statistical Methods. University of Kansas (Fall, 2007, 2009).

Quantitative Psychology Proseminar. University of Kansas (Fall, 2006).

Undergraduate Course Instructor

Introductory Statistics. University of North Carolina at Chapel Hill (Spring, 2004; Summer, 2004; two sections, Fall, 2004; Summer, 2005).

Multilevel Modeling, *Factor Analysis*, and *Applied Nonparametric Statistical Methods* are cross-listed as undergraduate courses.

Graduate Course Teaching Assistant

Structural Equation Modeling. Prof. Michael Browne, Ohio State University (Winter, 2000).

Factor Analysis. Prof. Robert MacCallum, Ohio State University (Fall, 1999).

Undergraduate Course Teaching Assistant

Introductory Statistics Laboratory. Professor Thomas Nygren (two honors sections, Winter, 2003); Professor Jay I. Myung, Ohio State University (Spring, 2003); Professor Lee Kirkpatrick, The College of William & Mary (two sections, Fall, 1997);

Behavioral Modification Laboratory. Professor Larry Ventis, The College of William & Mary (Summer, 1997).

Research Methods. Linda Zyzniewski, The College of William & Mary (Summer, 1997).

Introductory Psychology. Professor Roberto Refinetti, The College of William & Mary (Spring, 1997).

Introductory Statistics and Research Methods Laboratory. Professor Lee Kirkpatrick, The College of William & Mary (Fall, 1996; Spring, 1997).

Physiological Psychology. Professor Roberto Refinetti, The College of William & Mary (Fall, 1996).

PROFESSIONAL AFFILIATIONS

APA Division 5: Evaluation, Measurement, and Statistics (1998 – present)

Association for Psychological Science (2002 – present)

Psychometric Society (1999 – present)

Society of Multivariate Experimental Psychology (2008 – present)

Society for Personality and Social Psychology (2001 – present)