CURRICULUM VITAE
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* quantitative graduate students or postdocs;

ACADEMIC APPOINTMENTS

Professor, Quantitative Methods, Vanderbilt University, Nashville, TN (2016 – present)

Associate Chair, Dept. of Psychology & Human Development, Vanderbilt University (2014 – present)

Lois Autrey Betts Chair in Education & Human Development (Dec., 2020 – present)

Associate Professor, Quantitative Methods, Vanderbilt University, Nashville, TN (2014 – 2016)

Assistant Professor, Quantitative Methods, Vanderbilt University, Nashville, TN (2011 – 2014)

Assistant Professor, Quantitative Psychology, University of Kansas, Lawrence, KS (2006 – 2011)

EDUCATION

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

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

M.A., Experimental Psychology, College of William & Mary (1996 – 1998); Advisor: Constance Pilkington

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

AWARDS AND HONORS

Outstanding Reviewer for 2023 (2024). *Journal of Educational & Behavioral Statistics*.

Sage Publications/Robert McDonald Advancement of Organizational Research Methodology Award (2019). Awarded by the Research Methods Division, Academy of Management, for: Preacher, Zhang, & Zyphur (2016). *Multilevel structural equation models for assessing moderation within and across levels of analysis*.

Fellow, **Association for Psychological Science** (2018).

Chancellor Faculty Fellow (July, 2015 – June, 2017). Vanderbilt University.

Distinguished Scientific Award for Early Career Contribution to Psychology (Individual Differences) (2013). Awarded by the American Psychological Association (APA).

SMEP 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, & Statistics.

Fellow, **American Psychological Association, Division 5** (2011).

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

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, & Statistics.

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

Clarivate Analytics / Thomson Reuters Top 1% Highly Cited Researcher (2014, 2016 – 2022). In recognition of ranking among top 1% of researchers for most cited articles, Psychology & Psychiatry.

Jeffrey S. Tanaka Award for the best paper published in 2013 in *Multivariate Behavioral Research* (2014). Awarded by the Society of Multivariate Experimental Psychology for: Preacher, Zhang, Kim, & Mels (2013). *Choosing the optimal number of factors in exploratory factor analysis: A model selection perspective*.

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*.

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*.

Top Three Faculty Paper (2006, 2013). Awarded by the Communication Theory and Methodology division of the Association for Education in Journalism & Mass Communication.

Best Research Methods and Analytics Paper (2012) American Marketing Association Marketing Educators Conference. For: Deitz, Hansen, DeCarlo, Babakus, & Preacher (2012). *Effects of store manager climate on employee commitment, customer loyalty and store financial performance*.

Governor's Conference Award for Exemplary Service to Children & Families (2011). Awarded by Kansas Children's Service League. For: Counts, Buffington, Chang-Rios, Rasmussen, & Preacher (2010). *The development and validation of the Protective Factors Survey: A self-report measure of protective factors against child maltreatment*.

Best APA Division 5 Student Poster (2011). American Psychological Association Convention. For: *Geldhof & Preacher (2011). *Multilevel reliability estimation within a multilevel confirmatory factor analysis framework*.

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

Best Student Paper (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*.

Ohio State University Merit Graduate Fellowship (1998).

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.

†Translated and published in simplified Chinese by Niantao Jiang, 2012.

Peer-Reviewed Articles in Quantitative Psychology

Yaremych, H. E., & **Preacher, K. J.** (in press). New methodological and software tools for probing moderation in intrinsically nonlinear models. *Behavior Research Methods*.

Strauss, C. L. L., & **Preacher, K. J.** (in press). Single-level bifactor models as implicit multilevel factor models without a bifactor structure. *Multivariate Behavioral Research*.

*Liang, A., **Preacher, K. J.**, Williams, N. J., Allison, P. D., Marcus, S. C., & Sterba, S. K. (in press). Determining the power of a 1-sided *z*-test given only the power of the corresponding 2-sided test. *Journal of Behavioral Medicine*.

Bonifay, W., Cai, L., Falk, C. F., & **Preacher, K. J.** (in press). Reassessing the fitting propensity of factor models. *Psychological Methods*.

Cole, D. A., Abitante, G., Kan, H., Liu, Q., **Preacher, K. J.**, & Maxwell, S. E. (in press). Practical problems estimating and reporting power when hypotheses are embedded in complex statistical models. *Advances in Methods & Practices in Psychological Science*.

*Yaremych, H. E., & **Preacher, K. J.** (2024). Understanding the consequences of collinearity for multilevel models: The importance of disaggregation across levels. *Multivariate Behavioral Research*, *59*, 693-715.

Cho, S.-J., **Preacher, K. J.**, *Yaremych, H. E., Naveiras, M., Fuchs, D., & Fuchs, L. (2024). Modeling variability in treatment effects for cluster randomized controlled trials using by-variable smooth functions in a generalized additive mixed model. *Behavior Research Methods*, *56*, 2094-2113.

*Yaremych, H. E., **Preacher, K. J.**, & Hedeker, D. (2023). Centering categorical predictors in multilevel models: Best practices and interpretation. *Psychological Methods*, *28*, 613-630.

Williams, N. J., **Preacher, K. J.**, Allison, P. D., Mandell, D., & Marcus, S. C. (2022). Required sample size to detect mediation in 3-level implementation studies. *Implementation Science*, *17*, 66.

Ozkok, O., Vaulont, M. J., Zyphur, M. J., Zhang, Z., **Preacher, K. J.**, Koval, P., & Zheng, Y. (2022). Interaction effects in cross-lagged panel models: SEM with latent interactions applied to work-family conflict, job satisfaction, and gender. *Organizational Research Methods*, *25*, 673-715.

Cho, S.-J., **Preacher, K. J.**, *Yaremych, H. E., Naveiras, M., Fuchs, D., & Fuchs, L. (2022). Modelling multilevel nonlinear treatment-by-covariate interactions in cluster randomized controlled trials using a generalized additive mixed model. *British Journal of Mathematical & Statistical Psychology*, *75*, 493-521.

Deboeck, P. R., Cole, D. A., **Preacher, K. J.**, Forehand, R., & Compas, B. E. (2021). Modeling dynamic processes with panel data: An application of continuous time models to prevention research. *International Journal of Behavioral Development*, *45*, 28-39.

Zyphur, M. J., Hamaker, E. L., Tay, L., Voelkle, M., **Preacher, K. J.**, Zhang, Z., Allison, P. D., Pierides, D. C., Koval, P., & Diener, E. F. (2021). From data to causes III: Bayesian priors for general cross-lagged panel models (GCLM). *Frontiers in Psychology*, *12*, 112.

*Rights, J. D., **Preacher, K. J.**, & Cole, D. A. (2020). The danger of conflating level-specific effects of control variables when primary interest lies in level-2 effects. *British Journal of Mathematical & Statistical Psychology*, *73*, 194-211.

Zyphur, M. J., Voelkle, M. C., Tay, L., Allison, P. D., **Preacher, K. J.**, Zhang, Z., Hamaker, E. L., Shamsollahi, A., Pierides, D. C., Koval, P., & Diener, E. (2020). From data to causes II: Comparing approaches to panel data analysis. *Organizational Research Methods*, *23*, 688-716.

Zyphur, M. J., Allison, P. D., Tay, L., Voelkle, M. C., **Preacher, K. J.**, Zhang, Z., Hamaker, E. L., Shamsollahi, A., Pierides, D. C., Koval, P., & Diener, E. (2020). From data to causes I: Building a general cross-lagged panel model (GCLM). *Organizational Research Methods*, *23*, 651-687.

Zhang, G., **Preacher, K. J.**, Hattori, M., Jiang, G., & Trichtinger, L. A. (2019). A sandwich standard error estimator for exploratory factor analysis with nonnormal data and imperfect models. *Applied Psychological Measurement*, *43*, 360-373.

Preacher, K. J., & Sterba, S. K. (2019). Aptitude × treatment interactions in research on educational interventions. *Exceptional Children*, *85*, 248-264.

*Rights, J. D., Sterba, S. K., Cho, S.-J., & **Preacher, K. J.** (2018). Addressing model uncertainty in item response theory person scores through model averaging. *Behaviormetrika*, *45*, 495-503.

*Lachowicz, M. J., **Preacher, K. J.**, & Kelley, K. (2018). A novel measure of effect size for mediation analysis. *Psychological Methods*, *23*, 244-261.

Hattori, M., Zhang, G., & **Preacher, K. J.** (2017). Multiple local solutions and geomin rotation. *Multivariate Behavioral Research*, *52*, 720-731.

Preacher, K. J., Zhang, Z., & Zyphur, M. J. (2016). Multilevel structural equation models for assessing moderation within and across levels of analysis. *Psychological Methods*, *21*, 189-205.

Cho, S.-J., & **Preacher, K. J.** (2016). Measurement error correction formula for cluster-level group differences in cluster randomized and observational studies. *Educational & Psychological Measurement*, *76*, 771-786.

Merkle, E. C., You, D., & **Preacher, K. J.** (2016). Testing non-nested structural equation models. *Psychological Methods*, *21*, 151-163.

Deboeck, P., & **Preacher, K. J.** (2016). No need to be discrete: A method for continuous time mediation analysis. *Structural Equation Modeling*, *23*, 61-75.

Zhang, G., & **Preacher, K. J.** (2015). Factor rotation and standard errors in exploratory factor analysis. *Journal of Educational & Behavioral Statistics*, *40*, 579-603.

Cho, S.-J., **Preacher, K. J.**, & Bottge, B. (2015). Detecting intervention effects in a cluster randomized design using multilevel structural equation modeling. *Applied Psychological Measurement*, *39*, 627-642.

Rucker, D. D., McShane, B. B., & **Preacher, K. J.** (2015). A researcher's guide to regression, discretization, and median splits of continuous variables. *Journal of Consumer Psychology*, *25*, 666-678.

*Lachowicz, M. J., Sterba, S. K., & **Preacher, K. J.** (2015). Investigating multilevel mediation with fully or partially nested data. *Group Processes & Intergroup Relations*, *18*, 274-289.

Preacher, K. J., & Hancock, G. R. (2015). Meaningful aspects of change as novel random coefficients: A general method for reparameterizing longitudinal models. *Psychological Methods*, *20*, 84-101.

*Timmons, A. C., & **Preacher, K. J.** (2015). The importance of temporal design: How do measurement intervals affect the accuracy and efficiency of parameter estimates in longitudinal research? *Multivariate Behavioral Research*, *50*, 41-55.

Wang, L., & **Preacher, K. J.** (2015). Moderated mediation analysis using Bayesian methods. *Structural Equation Modeling*, *22*, 249-263.

Preacher, K. J. (2015). Advances in mediation analysis: A survey and synthesis of new developments. *Annual Review of Psychology*, *66*, 825-852.

*Pornprasertmanit, S., Lee, J., & **Preacher, K. J.** (2014). Ignoring clustering in confirmatory factor analysis: Some consequences for model fit and standardized parameter estimates. *Multivariate Behavioral Research*, *49*, 518-543.

Hayes, A. F., & **Preacher, K. J.** (2014). Statistical mediation analysis with a multicategorical independent variable. *British Journal of Mathematical & Statistical Psychology*, *67*, 451-470.

Sterba, S. K., **Preacher, K. J.**, Forehand, R., Hardcastle, E. J., Cole, D. A., & Compas, B. E. (2014). Structural equation modeling approaches for analyzing partially nested data. *Multivariate Behavioral Research*, *49*, 93-118.

Cole, D. A., & **Preacher, K. J.** (2014). Manifest variable path analysis: Potentially serious and misleading consequences due to uncorrected measurement error. *Psychological Methods*, *19*, 300-315.

*Gu, F., **Preacher, K. J.**, Wu, W., & Yung, Y.-F. (2014). A computationally efficient state space approach to estimating multilevel regression models and multilevel confirmatory factor models. *Multivariate Behavioral Research*, *49*, 119-129.

*Gu, F., **Preacher, K. J.**, & Ferrer, E. (2014). A state space modeling approach to mediation analysis. *Journal of Educational and Behavioral Statistics*, *39*, 117-143.

*Geldhof, G. J., **Preacher, K. J.**, & Zyphur, M. J. (2014). Reliability estimation in a multilevel confirmatory factor analysis framework. *Psychological Methods*, *19*, 72-91.

Preacher, K. J., Zhang, G., Kim, C., & Mels, G. (2013). Choosing the optimal number of factors in exploratory factor analysis: A model selection perspective. *Multivariate Behavioral Research*, *48*, 28-56.

Cho, S.-J., *Athay, M., & **Preacher, K. J.** (2013). Measuring change for a multidimensional test using a generalized explanatory longitudinal item response model. *British Journal of Mathematical & Statistical Psychology*, *66*, 353-381.

*Selig, J. P., **Preacher, K. J.**, & Little, T. D. (2012). Modeling time-dependent association in longitudinal data: A lag as moderator approach. *Multivariate Behavioral Research*, *47*, 697-716.

Preacher, K. J., & Merkle, E. C. (2012). The problem of model selection uncertainty in structural equation modeling. *Psychological Methods*, *17*, 1-14.

Zhang, G., **Preacher, K. J.**, & Jennrich, R. I. (2012). The infinitesimal jackknife with exploratory factor analysis. *Psychometrika*, *77*, 634-648.

Kelley, K., & **Preacher, K. J.** (2012). On effect size. *Psychological Methods*, *17*, 137-152.

Preacher, K. J., & *Selig, J. P. (2012). Advantages of Monte Carlo confidence intervals for indirect effects. *Communication Methods & Measures*, *6*, 77-98.

Preacher, K. J. (2011). Multilevel SEM strategies for evaluating mediation in three-level data. *Multivariate Behavioral Research*, *46*, 691-731.

Rigdon, E. E., **Preacher, K. J.**, Lee, N., Howell, R. D., Franke, G. R., & Borsboom, D. (2011). Avoiding measurement dogma: A response to Rossiter. *European Journal of Marketing*, *45*, 1589-1600.

Rucker, D. D., **Preacher, K. J.**, Tormala, Z. L., & Petty, R. E. (2011). Mediation analysis in social psychology: Current practices and new recommendations. *Social & Personality Psychology Compass*, *5/6*, 359-371.

Preacher, K. J., & Kelley, K. (2011). Effect size measures for mediation models: Quantitative strategies for communicating indirect effects. *Psychological Methods*, *16*, 93-115.

Preacher, K. J., Zhang, Z., & Zyphur, M. J. (2011). Alternative methods for assessing mediation in multilevel data: The advantages of multilevel SEM. *Structural Equation Modeling*, *18*, 161-182.

Hayes, A. F., & **Preacher, K. J.** (2010). Quantifying and testing indirect effects in simple mediation models when the constituent paths are nonlinear. *Multivariate Behavioral Research*, *45*, 627-660.

Zhang, G., **Preacher, K. J.**, & Luo, S. (2010). Bootstrap confidence intervals for ordinary least squares factor loadings and correlations in exploratory factor analysis. *Multivariate Behavioral Research*, *45*, 104-134.

Preacher, K. J., Zyphur, M. J., & Zhang, Z. (2010). A general multilevel SEM framework for assessing multilevel mediation. *Psychological Methods*, *15*, 209-233.

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.

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.

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., 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 & 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.

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.

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

Kipp, A. M., Olivier, D., Skonje, N., Majiza, L., Free, E., **Preacher, K. J.**, Daftary, A., Ngcelwane, N., Daftary, A., & Medina-Marino, A. (in press). Association of community sociodemographic and TB-related factors with variability in community-level TB stigma in South Africa: An ecological analysis from the MISSED TB Outcomes Study. *BMJ Open*, 16:e106835.

Manne, S. L., Hudson, S. V., **Preacher, K. J.**, Imanguli, M., Pesanelli, M., Frederick, S., Singh, N., Schaefer, A., & Van Cleave, J. (2025). Prevalence and correlates of fear of recurrence among oral and oropharyngeal cancer survivors. *Journal of Cancer Survivorship*, *19*, 66-77.

Youngren, W. A., Hamilton, N. A., **Preacher, K. J.**, & Baber, G. R. (2024). Testing the Nightmare Cognitive Arousal Processing Model. *Psychological Trauma: Theory, Research, Practice, and Policy*, *16*, 1401-1408.

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

Morera, O. F., Dane'el, M. I., Smith, B. A., Redelfs, A. H., Ruiz, S. L., **Preacher, K. J.**, & Whigham, L. D. (2023). Discretizing continuous variables in nutrition and obesity research: A practice that needs to be cut short. *Nutrition & Diabetes*, 13:20.

Corbett, B. A., White, S., Lerner, M., **Preacher, K. J.**, Klemencic, M. E., Simmons, G. L., Pilkington, J., Gable, P., Gioia, A., & Key, A. P. (2023). Peers, play, and performance to build social salience in autistic youth: A multisite randomized clinical trial. *Journal of Consulting & Clinical Psychology*, *91*, 411-425.

Fuchs, L. S., Malone, A. S., **Preacher, K. J.**, Cho, E., Fuchs, D., & Changas, P. (2023). Next-generation fraction intervention and the long-term advantage of interleaved instruction. *Exceptional Children*, *89*, 332-352.

Petrova, K., Nevarez, M. D., Waldinger, R. J., **Preacher, K. J.**, & Schulz, M. S. (2021). Self-distancing and avoidance mediate the links between trait mindfulness and responses to emotional challenges. *Mindfulness*, *12*, 947-958.

Petrova, K., Nevarez, M. D., Rice, J., Waldinger, R. J., **Preacher, K. J.**, & Schulz, M. S. (2021). Coherence between feelings and heart rate: Links to early adversity and responses to stress. *Affective Science*, *2*, 1-13.

Fuchs, L. S., Wang, A. Y., **Preacher, K. J.**, Malone, A. S., Fuchs, D., & Pachmayr, R. (2021). Addressing challenging mathematics standards with at-risk learners: A randomized controlled trial on the effects of fractions intervention at third grade. *Exceptional Children*, *87*, 163-182.

Youngren, W. A., Hamilton, N. A., & **Preacher, K. J.** (2020). Assessing triggers of posttrauma nightmares. *Journal of Traumatic Stress*, *33*, 511-520.

Morrill, M. I., Schulz, M. S., Nevarez, M. D., **Preacher, K. J.**, & Waldinger, R. J. (2019). Assessing within- and between-family variations in an expanded measure of childhood adversity. *Psychological Assessment*, *31*, 660-673.

Liebmann, E. P., **Preacher, K. J.**, Richter, K. P., Cupertino, A. P., & Catley, D. (2019). Identifying pathways to quitting smoking via telemedicine-delivered care. *Health Psychology*, *38*, 638-647.

Murphy, L. K., **Preacher, K. J.**, *Rights, J. D., Rodriguez, E., Bemis, H., Desjardins, L., Prussien, K., Winning, A. M., Gerhardt, C. A., Vannatta, K., & Compas, B. (2018). Maternal communication in childhood cancer: Factor analysis and relation to maternal distress. *Journal of Pediatric Psychology*, *43*, 1114-1127.

Scheuermann, T. S., **Preacher, K. J.**, Carlini, B. H., Bush, T., Magnusson, B., Nazir, N., & Richter, K. P. (2019). Predictors of engagement in post-discharge quitline counseling among hospitalized smokers. *Journal of Behavioral Medicine*, *42*, 139-149.

Bettis, A. H., Forehand, R., Sterba, S. K., **Preacher, K.J.**, & Compas, B. E. (2018) Anxiety and depression in children of depressed parents: Dynamics of change in a preventive intervention. *Journal of Clinical Child & Adolescent Psychology*, *47*, 581-594.

Scheuermann, T. S., Richter, K. P., Rigotti, N. A., Cummings, S. E., Harrington, K. F., Sherman, S. E., Zhu, S.-H., Tindle, H. A., **Preacher, K. J.**, & the Consortium of Hospitals Advancing Research on Tobacco (CHART) (2017). Accuracy of self-reported smoking abstinence in clinical trials of hospital-initiated smoking interventions. *Addiction*, *112*, 2227-2236.

Sachs-Ericsson, N. J., Sheffler, J. L., Stanley, I. H., Piazza, J. R., & **Preacher, K. J.** (2017). When emotional pain becomes physical: Adverse childhood experiences, pain, and the role of mood and anxiety disorders. *Journal of Clinical Psychology*, *73*, 1403-1428.

Klippel, A., Myin-Germeys, I., Chavez-Baldini, U., **Preacher, K. J.**, Kempton, M., Valmaggia, L., Calem, M., So, S., Beards, S., Hubbard, K., Gayer-Anderson, C., Onyejiaka, A., Wichers, M., McGuire, P., Murray, R., Garety, P., van Os, J., Wykes, T., Moran, C., & Reininghaus, U. (2017). Modelling the interplay between psychological processes and adverse, stressful contexts and experiences in pathways to psychosis: An experience sampling study. *Schizophrenia Bulletin*, *43*, 302-315.

Dunkley, D. M., Lewkowski, M., Lee, I. A., **Preacher, K. J.**, Zuroff, D. C., Berg, J.-L., Foley, J. E., Myhr, G., & Westreich, R. (2017). Daily stress, coping, and negative and positive affect in depression: Complex trigger and maintenance patterns. *Behavior Therapy*, *48*, 349-365.

Bahns, A. J., Crandall, C. S., Gillath, O., & **Preacher, K. J.** (2017). Similarity in relationships as niche construction: Choice, stability, and influence within dyads in a free choice environment. *Journal of Personality & Social Psychology: Personality Processes and Individual Differences*, *112*, 329-355.

Richter, K. P., Faseru, B., Shireman, T. I., Mussulman, L. M., Nazir, N., Bush, T., Scheuermann, T. S., **Preacher, K. J.**, Carlini, B. H., Magnusson, B., Ellerbeck, E. F., Cramer, C., Cook, D. J., & Martell, M. J. (2016). Warm handoff versus Fax referral for linking hospitalized smokers to quitlines. *American Journal of Preventive Medicine*, *51*, 587-596.

Richter, K. P., Shireman, T. I., Ellerbeck, E. F., Cupertino, A. P., Catley, D., Cox, L. S., **Preacher, K. J.**, Spaulding, R., Mussulman, L. M., Nazir, N., Hunt, J. J., & Lambart, L. (2015). Comparative and cost effectiveness of telemedicine versus telephone counseling for smoking cessation. *Journal of Medical Internet Research*, *17*, e113.

Compas, B. E., Bemis, H., Gerhardt, C. A., Dunn, M. J., Rodriguez, E. M., Desjardins, L., **Preacher, K. J.**, Manring, S., & Vannatta, K. (2015). Mothers and fathers coping with their children's cancer: Individual and interpersonal processes. *Health Psychology*, *34*, 783-793.

Laird, K. T., **Preacher, K. J.**, & Walker, L. S. (2015). Attachment and adjustment in individuals with a history of functional abdominal pain. *The Clinical Journal of Pain*, *31*, 152-158.

Roeder, K. M., Cole, D. A., Sinclair, K. R., Dukewich, T. L., **Preacher, K. J.**, Felton, J. W., Jacky, A., & Tilghman-Osborne, C. (2014). Sensitive periods for the effect of peer victimization on self-cognition: Moderation by age and gender. *Development and Psychopathology*, *26*, 1035-1048.

Mussulman, L., Ellerbeck, E. F., Cupertino, P., **Preacher, K. J.**, Spaulding, R., Catley, D., Cox, L. S., Lambart, L., Hunt, J. J., Nazir, N., Shireman, T., & Richter, K. P. (2014). Design and participant characteristics of a randomized-controlled trial of telemedicine for smoking cessation among rural smokers. *Contemporary Clinical Trials*, *38*, 173-181.

Dunkley, D. M., Ma, D., *Lee, I. A., **Preacher, K. J.**, & Zuroff, D. C. (2014). Advancing complex explanatory conceptualizations of daily negative and positive affect: Trigger and maintenance coping action patterns. *Journal of Counseling Psychology*, *61*, 93-109.

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Chapters

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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.

Software

Lee, I. A., & **Preacher, K. J.** (2013, October). Calculation for the test of the difference between two dependent correlations with no variable in common [Computer software]. Available from http://quantpsy.org

Lee, I. A., & **Preacher, K. J.** (2013, September). Calculation for the test of the difference between two dependent correlations with one variable in common [Computer software]. Available from http://quantpsy.org

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Preacher, K. J. (2012, November). Monte Carlo method for assessing correlations: An interactive tool for creating confidence intervals for correlation coefficients [Computer software]. Available from http://quantpsy.org.

*Schoemann, A. M., **Preacher, K. J.**, & Coffman, D. L. (2010, April). Plotting power curves for RMSEA [Computer software]. Available from http://quantpsy.org

Preacher, K. J., & *Selig, J. P., (2010, July). Monte Carlo method for assessing multilevel mediation: An interactive tool for creating confidence intervals for indirect effects in 1-1-1 multilevel models [Computer software]. Available from http://quantpsy.org

*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://quantpsy.org

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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://quantpsy.org

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Other Work

Kujawa, A., Fazio, L. K., Watson, D. G., & **Preacher, K. J.** (2022). Organizing a faculty cluster hire to promote equity, diversity, and inclusion in psychological sciences. *Psychonomic Society Featured Content*. https://featuredcontent.psychonomic.org/organizing-a-faculty-cluster-hire-to-promote-equality-diversity-and-inclusion-in-psychological-sciences/

Kujawa, A., Fazio, L. K., Watson, D. G., & **Preacher, K. J.** (2022). Is your department hiring faculty? Tips and tricks for promoting equity, diversity, and inclusion. *The Society for a Science of Clinical Psychology (SSCP) Diversity Committee Blog*. https://sscpdiversitycommittee.medium.com/is-your-department-hiring-faculty-tips-and-tricks-for-promoting-equity-diversity-and-inclusion-3c41642b1c3

Preacher, K. J. (2015). Extreme groups designs. In R. L. Cautin & S. O. Lilienfeld (Eds.), *The encyclopedia of clinical psychology* (Vol. 2, pp. 1189-1192). Hoboken, NJ: John Wiley & Sons, Inc.

Preacher, K. J. (2013). Biography. *American Psychologist*, *68*, 655-657.

Hofer, S. M., & **Preacher, K. J.** (2010). The Society of Multivariate Experimental Psychology co-sponsors methods-oriented workshops. *APS Observer*, *23*(6), 39.

*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.

GRANT ACTIVITY

Current

Co-Investigator (2021 – 2025): *Multi-level and Intersectional Stigma and other Social Determinant Effects on TB case Detection, care, and treatment outcomes: The MISSED TB Outcomes Study*. (NIAID; 1R01AI150485-01A1), Andrew Medina-Marino & Aaron Kipp (East Carolina University and Vanderbilt University), PIs. (total costs: $2,767,472).

Co-mentor (2021 – 2026): *Biopsychosocial predictors of opioid use for pediatric postsurgical pain*. (NIH), Amanda L. Stone, PI, Vanderbilt University.

Co-Mentor (2025 – 2030): *Social isolation and social cognition in adolescents with Tourette Syndrome*. (NIMH; 1K23MH137397-01A1), Kelly Watson, PI, Vanderbilt University Medical Center. ($182,278).

Co-Principal Investigator (2021 – 2025): *Children's longitudinal development from pre-K through high school as disrupted by COVID-19*. (IES/NCER; R305A210130), Kelley Durkin, PI, Vanderbilt University. ($1,499,999).

Advisory board member (2020 – 2025): *The role of cognitive skills and language experience in grammatical processing*. (NIH), Duane Watson & Emily Phillips Galloway, PIs, Vanderbilt University.

Mentor/Advisor (2023 – 2025): *Emotional distress as a mediator of the threat sensitivity and conspiratorial ideation relation*. (NSF SBE Postdoctoral Fellowship), Shauna Bowes, PI, Vanderbilt University).

Mentor/Advisor (2024 – 2029): *Vanderbilt Oregon Collaborative Scholar Training in Addiction Research (COSTAR)*. (NIDA; 1K12DA061526-01), Hilary Tindle, Matthew Freiberg, & Philip Korthuis, PIs, Vanderbilt University Medical Center.

Consultant and Co-Mentor (2024 – 2027): *Measuring and modifying delay discounting as a mechanism of smoking in pregnancy*. (NIH; K08 Career Development Award), Scott Lee, PI, Vanderbilt University Medical Center.

Past

Principal investigator (2003 – 2006): *Longitudinal factorial invariance in the study of substance abuse trajectories* (Individual Ruth L. Kirschstein NRSA Postdoctoral Fellowship, NIDA/NIH F32-DA016883). Sponsor: Patrick Curran; Co-Sponsor: Kenneth A. Bollen. L. L. Thurstone Psychometric Laboratory, University of North Carolina at Chapel Hill ($133,489).

Principal Investigator (2007 – 2009): *New Faculty General Research Fund* awarded for proposal *Scale setting in invariance tests: Some 'one' matters more than others*. (competitive with other KU faculty). ($8000).

Co-Principal Investigator (2018 – 2022): *An efficacy trial to evaluate supporting paraprofessionals by advancing reading intervention knowledge and skill (SPARK)*. (IES: R324A180004), Christopher Lemons, PI, Stanford University ($3,298,858).

Investigator (2017 – 2022): *Investigating social competence in youth with autism: A multisite RCT*. (NIMH: R01MH114906), Blythe Corbett, PI, Vanderbilt University.

Investigator (2015 – 2020): *An evaluation of turning around North Carolina's lowest performing schools: A state partnership evaluation*. (IES: R305E150017), Gary Henry, PI, Vanderbilt University ($4,944,014).

Investigator (2013 – 2019): *Improving reading and mathematics outcomes for students with learning disabilities: Next generation intensive interventions*. (A3 Center Grant R324D130003, U.S. Dept. of Education/IES/National Center for Special Education Research), Douglas Fuchs, PI, Vanderbilt University, Dept. of Special Education ($10 million).

Co-Investigator (2008 – 2011); Consultant (2011 – 2013): *Telemedicine for smoking cessation in rural primary care*. (NHLBI; R01 HL087643-01A2), Kimber P. Richter, PI, University of Kansas Medical Center (total costs: $2,947,233).

Co-Investigator (2010 – 2011); Consultant (2011 – 2014): *Increasing post-discharge follow-up among hospitalized smokers*. (NHLBI; 1 U01 HL105232-01), Kimber P. Richter, PI, University of Kansas Medical Center (total costs: $2,726,804).

Faculty mentor (2020 – 2024): *Development of psychopathology: From brain and behavioral science to intervention*. (NIMH), Judy Garber, PI, Vanderbilt University.

Specialist (2014 – 2019): *Follow-up through middle school of a randomized study of public prekindergarten*. (NICHD; 1R01HD079461-01), Dale Farran, PI, Vanderbilt University ($648,251).

Subcontract (2015): *The effects of homelessness interventions on child outcomes*. (NICHD; 5R01HD066082-04), Beth Shinn, PI, Vanderbilt University ($261,149).

Subcontract (2006 – 2010): *Protective Factors Survey*. NFP46580, Chapel Hill Training Outreach Project (CHTOP, Inc.) via Cooperative Agreement #90CA1729 from ACYF, Children's Bureau. Institute for Educational Research & Public Service, University of Kansas.

Subcontract (2007): *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.

Advisory board member (2021 – 2024): *Innovative, translational, and user-friendly tools for comprehensive statistical model evaluation*. (IES), Wes Bonifay, PI, University of Missouri. ($900,000).

Consultant and Advisory board member (2016 – 2021): *Scale-up of Promoting Adolescents' Comprehension of Text (PACT)*. (IES), Gregory Roberts, PI, The University of Texas at Austin.

Consultant (2023 – 2024): *Neural correlates and recovery of naturalistic language production in aphasia*. (NIH; 1F31DC021108-01, 5F31DC021108-02), Marianne Casilio, PI, Vanderbilt University.

Consultant (2017 – 2021): *Transforming mental health delivery through behavioral economics and implementation science*. Rinad Beidas, David S. Mandell, & Kevin Volpp, PIs, University of Pennsylvania.

Consultant (2014 – 2019): *Mapping socioemotional paths from family-of-origin experiences to midlife health*. (NIA; 1R01AG045230-01A1), Robert J. Waldinger, PI, Massachusetts General Hospital ($689,397).

Consultant (2022 – 2023): *Sun Safe Families: Parent-focused social media intervention to improve sun safety in middle childhood*. (NIH), Sharon Manne, PI, Rutgers University.

Consultant (2017 – 2022): *Evidence-based interventions to enhance outcomes among struggling readers*. (NIH/NICHD; 1R01HD087706-01A1), Amie Grills, PI, Boston University. (total costs: $668,200).

Co-mentor (2017 – 2019): *Cerebral hemodynamics, neurodegeneration, & cognitive aging*. (NIA; 1F32AG058395-01), Katie Osborn, PI, Vanderbilt University Medical Center. ($56,694).

Steering Committee Member (2020 – 2021): *The economics of extinction: Pilot*. (Director's Strategic Priorities Pilot Grant / Vanderbilt Kennedy Center Nurture Grant), Joseph Lambert, PI, Vanderbilt University. ($13,760).

Steering Committee Member (2021 – 2023): *Translational research to inform interventions for severe challenging behavior for individuals with intellectual and developmental disabilities*. (NIH/NICHHD; R03 Small Grant Program), Joseph Lambert, PI, Vanderbilt University. ($143,354).

Travel and workshop grants: (Yale University, 2001; Society for Personality & Social Psychology, 2001; Eastern Psychological Association, 1998, 1999; Society of Multivariate Experimental Psychology, 1999; KU College of Liberal Arts & Sciences, 2007, 2008, 2009, 2010, 2011).

PRESENTATIONS

Talks and Chaired Symposia

Preacher, K. J. (February, 2026). *Unlocking the potential of nonlinear models for longitudinal data*. Invited talk, Department of Psychology, The Ohio State University, Columbus, OH.

Rodgers, J. L., Bauer, D. J., Pek, J., **Preacher, K. J.**, & Sterba, S. K. (October, 2025). *Symposium to honor the life & work of Robert C. MacCallum*. Symposium held at the annual meeting of the Society of Multivariate Experimental Psychology, South Bend, IN.

Bonifay, W., Cai, L., Falk, C. F., & **Preacher, K. J.** (July, 2025). *The fitting propensity of factor analysis models*. Paper presented at the International Meeting of the Psychometric Society, Minneapolis, MN.

*Belloeil, A.-C., & **Preacher, K. J.** (July, 2025). *Perfect timing: An algorithm for leveraging optimal temporal design to enhance statistical power*. Paper presented at the International Meeting of the Psychometric Society, Minneapolis, MN.

Preacher, K. J., & *Yaremych, H. E. (July, 2023). *Embracing nonlinear regression without getting all bent out of shape*. Invited talk, The Canadian Centre for Research Analysis and Methods, University of Calgary, Calgary, AB.

*Yaremych, H. E., & **Preacher, K. J.** (July, 2023). *Best practices for centering multicategorical predictors in multilevel models*. Paper presented at the annual meeting of the Psychometric Society, College Park, MD.

Deboeck, P. R., Cole, D. A., **Preacher, K. J.**, Forehand, R., & Compas, B. E. (June, 2023). *Modeling dynamic processes with panel data: An application of continuous time models to prevention research*. Paper presented at the annual Modern Modeling Methods (M3) Conference, Storrs, CT.

Preacher, K. J., & *Yaremych, H. E. (October, 2021). *Convergent evolution among information criteria useful in SEM*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Virtual.

Preacher, K. J., & Sterba, S. K. (October, 2019). *Aptitude × treatment interactions in research on educational interventions*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Baltimore, MD.

Preacher, K. J., & *Rights, J. D. (October, 2018). *Residual covariance structures for latent growth curve models in the context of individually varying measurement occasions*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Albuquerque, NM.

Preacher, K. J., & Fuchs, L. S. (January, 2018). *Mediation analysis*. Invited talk, IES Annual Principal Investigators Meeting, Arlington, VA.

Preacher, K. J. (October, 2017). *Structural equation modeling strategies for assessing within-participant mediation*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Minneapolis, MN.

Preacher, K. J. (March, 2017). *Indirect effects: Inference and modeling extensions*. Invited alumni talk, Department of Psychology, The College of William & Mary, Williamsburg, VA.

*Lachowicz, M. J., **Preacher, K. J.**, & Kelley, K. (May, 2016). *A novel effect size measure for the indirect effect in mediation analysis*. Paper presented at the 6th annual Modern Modeling Methods (M3) Conference, Storrs, CT.

Preacher, K. J., & Selig, J. P. (January, 2016). *Strategies for incorporating lag as a moderator in mediation models*. Paper presented at the 17th annual Meeting of the Society for Personality & Social Psychology, San Diego, CA.

Hayes, A. F., & **Preacher, K. J.** (Symposium co-chair; January, 2016). *Advances in repeated measures mediation analysis*. Symposium held at the 17th annual Meeting of the Society for Personality & Social Psychology, San Diego, CA. Contributors included Andrew F. Hayes, Amanda Montoya, Elizabeth Page-Gould, Kristopher J. Preacher, James P. Selig, and Amanda Sharples.

Preacher, K. J. (November, 2015). *Analysis of moderation and mediation in multilevel data*. Invited talk, Department of Psychology, The Ohio State University, Columbus, OH.

Preacher, K. J., Zhang, Z., & Zyphur, M. J. (October, 2015). *Decomposing interaction effects in multilevel structural equation models*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Redondo Beach, CA.

Richter, K. P., Faseru, B., Shireman, T. I., Ellerbeck, E. F., **Preacher, K. J.**, Scheuermann, T., Mussulman, L. M., Nazir, N., Bush, T., & Carlini, B. H. (February, 2015) *"Warm handoff" versus fax referral to quitline for post-discharge care: quitline enrollment, adherence, outcomes, and cost-effectiveness*. Paper presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.

Preacher, K. J. (November, 2014). *Parameterizing meaningful aspects of change as random coefficients*. Invited talk, Department of Psychology, McGill University, Montreal, QC.

Preacher, K. J. (November, 2014). *Computer-intensive methods for investigating indirect effects*. Invited talk, D. O. Hebb Lecture Series, Department of Psychology, McGill University, Montreal, QC.

Scheuermann, T. S., Richter, K. P., **Preacher, K. J.**, Mussulman, L., Ellerbeck, E. F., Nazir, N., Faseru, B., Bush, T., Carlini, B. H., & Magnusson, B. (November, 2014). *Predictors of engagement in post-discharge quitline counseling among hospitalized smokers*. Paper presented at the annual conference of The Association for Medical Education and Research in Substance Abuse, San Francisco, CA.

Merkle, E. C., You, D., & **Preacher, K. J.** (July, 2014). *Testing non-nested structural equation models*. Paper presented at the annual meeting of the Psychometric Society, Madison, WI.

Preacher, K. J., & *Timmons, A. C. (November, 2013). *Choosing repeated measurement occasions to minimize bias and maximize efficiency*. Invited talk, Department of Psychology, University of Notre Dame, Notre Dame, IN.

Preacher, K. J., & Cole, D. A. (October, 2013). *Fallible triangles in path analysis: Understanding and predicting bias and misfit due to unreliability*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, St. Petersburg, FL.

Preacher, K. J. (September, 2013). *Parameterizing nontraditional aspects of change as random coefficients*. Invited talk, Quantitative Methods, York University, Toronto, ON.

Preacher, K. J. (September, 2013). *Assessing causal mechanisms in psychological research: How important? For whom? At what level?* Invited talk, Dept. of Psychology, York University, Toronto, ON.

Zhang, G., & **Preacher, K. J.** (July, 2013). *Stability of rotated factor loadings in exploratory factor analysis*. Paper presented at the annual meeting of the Psychometric Society, Arnhem, the Netherlands.

*Gu, F., **Preacher, K. J.**, & Wu, W. (May, 2013). *An efficient state space approach to estimate univariate and multivariate multilevel regression models*. Paper presented at the 3rd annual Modern Modeling Methods (M3) Conference, Storrs, CT.

Preacher, K. J., Geldhof, G. J., & Zyphur, M. J. (October, 2012). *Level-specific reliability estimation via multilevel CFA*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Vancouver, BC.

Deitz, G., Hansen, J. D., DeCarlo, T. E., Babakus, E., & **Preacher, K. J.** (August, 2012). *Effects of store manager climate on employee commitment, customer loyalty and store financial performance*. Paper presented at the annual American Marketing Association Summer Marketing Educators Conference, Chicago, IL.

Deboeck, P. R., & **Preacher, K. J.** (July, 2012). *No need to be discrete: A method for continuous time mediation analysis*. Paper presented at the annual meeting of the Psychometric Society, Lincoln, NE.

*Boulton, A., & **Preacher, K. J.** (May, 2012). *Level-specific fit index sensitivity in multilevel structural equation modeling*. Paper presented at the 2nd annual Modern Modeling Methods (M3) Conference, Storrs, CT.

Preacher, K. J. (Symposium co-chair; May, 2012). *Integrating moderation and mediation analysis*. Symposium held at the annual meeting of the Association for Psychological Science, Chicago, IL. Contributors included Amanda Fairchild, Andrew F. Hayes, Kristopher J. Preacher, and Amelie U. Wiedemann.

Preacher, K. J. (May, 2012). *Combining moderation and mediation analysis: A statistical primer*. Paper presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

Preacher, K. J. (May, 2012). *Computer-intensive methods for investigating indirect effects*. Invited talk, Center for Decision Research, The University of Chicago Booth School of Business, Chicago, IL.

Preacher, K. J., Zhang, G., Kim, C., & Mels, G. (October, 2011). *Selecting the number of factors in exploratory factor analysis: Different indices for different goals*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Norman, OK.

Deboeck, P. R., & **Preacher, K. J.** (October, 2011). *No need to be discrete: A method for continuous time mediation analysis*. Invited talk, Department of Psychology, University of Notre Dame, Notre Dame, IN.

Preacher, K. J. (Symposium chair; August, 2011). *Advances in multilevel structural equation modeling*. Presidential invited symposium held at the annual meeting of the American Psychological Association, Washington, DC. Contributors included Steven M. Boker, Xitao Fan, G. John Geldhof, Paras D. Mehta, Michael C. Neale, James L. Peugh, Kristopher J. Preacher, Mijke Rhemtulla, *Alexander M. Schoemann, and Laura M. Stapleton.

Hofer, S. M., Bontempo, D. E., **Preacher, K. J.**, Boker, S. M., & Neale, M. C. (August, 2011). *Evaluating factorial invariance across continuous sampling dimensions in a single-group analysis*. Paper presented at the annual meeting of the American Psychological Association, Washington, DC.

Preacher, K. J., *Geldhof, G. J., *Rhemtulla, M., & *Schoemann, A. (August, 2011). *New uses for multilevel structural equation modeling: Multilevel reliability coefficients and dyadic similarity measures*. Paper presentation, the annual meeting of the American Psychological Association, Washington, DC.

Zhang, G., **Preacher, K. J.**, & Jennrich, R. I. (July, 2011). *The infinitesimal jackknife with exploratory factor analysis*. Paper presented at the International Meeting of the Psychometric Society, Hong Kong.

*Rhemtulla, M., *Schoemann, A. M., & **Preacher, K. J.** (May, 2011). *A multilevel SEM approach to examine dyadic correlations*. Paper presented at the 1st annual Modern Modeling Methods (M3) Conference, Storrs, CT.

Preacher, K. J., & Hancock, G. R. (June, 2010). *Interpretable reparameterizations of growth curve models*. Invited talk at the Advances in Longitudinal Methods in the Social & Behavioral Sciences conference, The Center for Integrated Latent Variable Research, College Park, MD.

Preacher, K. J. (April, 2010). *Multilevel structural equation modeling: A method for testing models in multisite trials*. Talk, Preventive Medicine & Public Health, University of Kansas Medical Center, Kansas City, KS.

Zhang, G., & **Preacher, K. J.** (March, 2010). *Nonparametric standard error estimation of oblique rotation in exploratory factor analysis*. Invited talk, Quantitative Psychology, Ohio State University, Columbus, OH.

Preacher, K. J., Dunkley, D. M., & Zuroff, D. C. (January, 2010). *Demonstrating multilevel structural equation modeling for testing mediation: Effects of self-critical perfectionism on daily affect*. Paper presented at the annual conference of the Society for Personality & Social Psychology, Las Vegas, NV.

Zhang, G., & **Preacher, K. J.** (January, 2010). *Nonparametric standard error estimation of oblique rotation in exploratory factor analysis*. Invited talk, Quantitative Studies Group, Notre Dame University, Notre Dame, IN.

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*. SMEP Early-Career 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. (February, 2009). *Structural equation modeling*. Talk, Preventive Medicine & Public Health, University of Kansas Medical Center, Kansas City, KS.

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 (co-chair), 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.

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 & Mass Communication, San Francisco, CA.

Preacher, K. J. (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. (May 14 – 16, 19 – 21, 2025). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar.

Preacher, K. J. (May 5 – June 2, 2025). *Exploratory Factor Analysis*. Statistical Horizons training seminar.

Preacher, K. J. (October 14 – November 11, 2024). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (May 15 – 17, 20 – 22, 2024). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar.

Preacher, K. J. (March 20 – 21, 23, 2024). *Exploratory Factor Analysis*. Statistical Horizons training seminar.

Preacher, K. J. (October 16 – November 13, 2023). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (July 21 – 22, 2023). *Multilevel Structural Equation Modeling*. Canadian Centre for Research Analysis and Methods (CCRAM) workshop, Calgary, AB.

Preacher, K. J. (June 26 – 29, 2023). *Exploratory Factor Analysis*. Statistical Horizons training seminar.

Preacher, K. J. (May 17 – 19, 22 – 24, 2023). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar.

Preacher, K. J. (November 10 – 12, 2022). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (May 18 – 20, 23 – 25, 2022). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar.

Preacher, K. J. (February 7 – March 7, 2022). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (August 19, 2021). *Introduction to Multilevel Models*. A Population Dynamics and Health Program workshop, University of Michigan.

Preacher, K. J. (June 16 – 25, 2021). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar.

Preacher, K. J. (May 26 – 28, 2021). *Multilevel Structural Equation Modeling*. Statistical Modeling in Psychology, University of Mannheim, Mannheim, Germany.

Preacher, K. J. (February 8 – March 8, 2021). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (July 14 – 17, 2020). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar.

Preacher, K. J. (October 18 – 19, 2019). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (July 29 – August 2, 2019). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (October 19 – 20, 2018). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (July 30 – August 3, 2018). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (February 2 – 3, 2018). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Fort Myers, FL.

Preacher, K. J. (November 3 – 4, 2017). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (July 24 – 28, 2017). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (June 19 – 23, 2017). *Basic and Advanced Multilevel Modeling with Mplus*. Global School in Empirical Research Methods (GSERM) at the University of St. Gallen, St. Gallen, Switzerland.

Preacher, K. J. (December 9 – 10, 2016). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (July 18 – 22, 2016). *Multilevel Structural Equation Modeling*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (March 18 – 19, 2016). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Chicago, IL.

Preacher, K. J. (December 4 – 5, 2015). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (June 11 – 12, 2015). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Preacher, K. J. (October 17 – 18, 2014). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Manhattan Beach, CA.

Preacher, K. J. (June 2 – 3, 2014). *Multilevel Modeling: A Second Course*. Statistical Horizons training seminar, Philadelphia, PA.

Hayes, A. F., & **Preacher, K. J.** (July 17 – 18, 2013). *Mediation and Moderation*. Statistical Horizons training seminar, Philadelphia, PA.

Wu, W., Rhemtulla, M., Schoemann, A. M., & **Preacher, K. J.** (June 10 – 14, 2013). *Advanced Structural Equation Modeling*. 11th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Selig, J. P., & **Preacher, K. J.** (June 10 – 14, 2013). *Multilevel Modeling: Foundations and Applications*. 11th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 7, 2013). *Multilevel Structural Equation Modeling*. Invited workshop, Hispanic Health Disparities Research Center, The University of Texas at El Paso.

Preacher, K. J. (May 20, 2013). *Multilevel Structural Equation Modeling with Complex Applications*. Pre-conference workshop, Modern Modeling Methods (M3) Conference, Storrs, CT.

Selig, J. P., **Preacher, K. J.**, & Schoemann, A. M. (June 18 – 22, 2012). *Multilevel Modeling: Foundations and Applications*. 10th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Hayes, A. F., & **Preacher, K. J.** (June 18 – 22, 2012). *Mediation and Moderation: Modern Methods and Approaches*. 10th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Preacher, K. J., & Selig, J. P. (June 6 – 10, 2011). *Multilevel Modeling: Foundations and Applications*. 9th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Preacher, K. J., & Selig, J. P. (June 7 – 11, 2010). *Multilevel Modeling: Foundations and Applications*. 8th Annual KU Summer Institute, Center for Research Methods & Data Analysis, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 1 – 5, 2009). *Multilevel Modeling: Foundations and Applications*. 7th Annual RDA Summer Institute, The Schiefelbusch Inst. for Life Span Studies, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 16 – 20, 2008). *Multilevel Modeling: Foundations and Applications*. 6th Annual RDA Summer Institute, The Schiefelbusch Inst. for Life Span Studies, University of Kansas, Lawrence, KS.

Preacher, K. J. (June 4 – 8, 2007). *Multilevel Modeling: Foundations and Applications*. 5th Annual RDA Summer Institute, The Schiefelbusch Inst. 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

Lee, S., **Preacher, K. J.**, Zald, D., Greevy, R., Murff, H., & Tindle, H. (2025). *The effect of reward stakes on monetary and effort delay discounting: A multi-domain analysis*. Poster presentation, the annual meeting of the American Psychological Association, Denver, CO.

*Yaremych, H. E., & **Preacher, K. J.** (2024, February). *Nonlinear models for psychology research: Simplifying implementation with conceptual guidelines and a Shiny app*. Poster presentation, the annual meeting of the Society for Personality & Social Psychology, San Diego, CA.

*Belloeil, A.-C., & **Preacher, K. J.** (2023, June). *What's the occasion? An algorithm for generating optimal measurement schedules*. Poster presentation, the annual Modern Modeling Methods (M3) Conference, Storrs, CT.

*Yaremych, H. E., Brown-Schmidt, S., Cho, S.-J., & **Preacher, K. J.** (2022, August). *A Bayesian approach for modeling three-way cross-classified multilevel data*. Poster presentation, the annual meeting of the American Psychological Association, Minneapolis, MN.

*Yaremych, H. E., **Preacher, K. J.**, & Hedeker, D. (2022, February). *Working with categorical predictors in multilevel models: A brief tutorial*. Poster presentation, the annual Meeting of the Society for Personality & Social Psychology, San Francisco, CA.

*Yaremych, H. E., & **Preacher, K. J.** (July, 2021). *Relationships between centering choices and collinearity problems in multilevel models*. Poster presentation, the annual meeting of the Psychometric Society, Virtual.

Petrova, K., Nevarez, M. D., Rice, J., Waldinger, R. J., **Preacher, K. J.**, & Schulz, M. S. (April, 2020). *The origins and active ingredients of regulatory flexibility*. Poster presentation, the 7th annual conference of the Society for Affective Science, Virtual.

*Yaremych, H. E., **Preacher, K. J.**, & Hedeker, D. (June, 2020). *Centering categorical predictors in multilevel models: Recommendations for practice and interpretation*. Poster presentation, the annual meeting of the Association for Psychological Science, Chicago, IL, Virtual.

Petrova, K., Nevarez, M. D., Waldinger, R. J., **Preacher, K. J.**, & Schulz, M. S. (March, 2019). *Navigating common emotional challenges: The roles of mindfulness and emotional engagement*. Poster presentation, the 6th annual conference of the Society for Affective Science, Boston, MA.

Liebmann, E. P., **Preacher, K. J.**, Richter, K. P., Cupertino, A. P., & Catley, D. (April, 2018). *Testing the mechanisms of action of integrated telemedicine for smoking cessation using self-determination theory*. Poster presentation, the annual meeting of the Society for Behavioral Medicine, New Orleans, LA.

Creedon, P. S., Hayes, A. F., & **Preacher, K. J.** (January, 2016). *Omnibus tests of the indirect effect in statistical mediation analysis with a multicategorical independent variable*. Poster presentation, the annual Meeting of the Society for Personality & Social Psychology, San Diego, CA.

Dunkley, D. M., Lee, I. A., Thaw, A., **Preacher, K. J.**, & Zuroff, D. C. (November, 2015). *Stress, coping, and affect trigger and maintenance patterns during the day: Enhancing multilevel explanatory conceptualizations*. Poster presentation, the 49th annual convention of the Association for Behavioral and Cognitive Therapies, Chicago, IL.

*Gu, F., **Preacher, K. J.**, & Ferrer, E. (August, 2013). *The study of mediation by means of the state space model*. Poster presentation, the annual meeting of the American Psychological Association, Honolulu, HI.

Wang, L., & **Preacher, K. J.** (August, 2013). *Moderated mediation analysis using Bayesian methods*. Poster presentation, the annual meeting of the American Psychological Association, Honolulu, HI.

Richter, K. P., Ellerbeck, E. F., Cupertino, A. P., Catley, D., Cox, L. S., **Preacher, K. J.**, Shireman, T. I., Hunt, J. J., Nazir, N., Lambart, L., & Mussulman, L. (March, 2013). *Connect2Quit: A randomized, controlled trial of telemedicine versus telephone counseling for smoking cessation*. Poster presentation, the 19th annual meeting of the Society for Research on Nicotine and Tobacco, Boston, MA.

Dunkley, D. M., Lewkowski, M., Berg, J.-L., Zuroff, D. C., *Lee, I. A., **Preacher, K. J.**, Myhr, G., Westreich, R., Lupien, S., & Ng, F. (November, 2012). *Daily stress-generation and stress-adaptation systems in depression: A multilevel structural analysis of the daily appraisal, coping, and affect process*. Poster presentation, the annual meeting of the Association for Behavioral and Cognitive Therapies, National Harbor, MD.

*Timmons, A., & **Preacher, K. J.** (May, 2012). *Temporal design considerations for nonlinear data*. Poster presentation, the annual meeting of the Association for Psychological Science, Chicago, IL.

*Pornprasertmanit, S., *Lee, J., & **Preacher, K. J.** (August, 2011). *The effects of item intraclass correlation on multilevel confirmatory factor analysis: Is ignoring multilevel structure ever justified?* Poster presentation, the annual meeting of the American Psychological Association, Washington, DC.

*Geldhof, G. J., & **Preacher, K. J.** (August, 2011). *Multilevel reliability estimation within a multilevel confirmatory factor analysis framework*. Poster presentation, the annual meeting of the American Psychological Association, Washington, DC.

*Lee, J., *Pornprasertmanit, S., & **Preacher, K. J.** (August, 2011). *Type I error and power for multilevel confirmatory factor analysis in detecting lack of cross-level measurement and structural noninvariance*. Poster presentation, the annual meeting of the American Psychological Association, Washington, DC.

*Lee, I., **Preacher, K. J.**, Dunkley, D. M., & Zuroff, D. C. (May, 2011). *Evaluating complex mediation effects using multilevel structural equation modeling*. Poster presentation, the annual meeting of the Association for Psychological Science, Washington, DC.

*Schoemann, A. M., *Rhemtulla, M., & **Preacher, K. J.** (January, 2011). *Investigating correlations for exchangeable dyads using multilevel structural equation modeling*. Poster presentation, the New Methods Preconference of the 12th annual Meeting of the Society for Personality & Social Psychology, San Antonio, TX.

*Schoemann, A. M., Branscombe, N. R., & **Preacher, K. J.** (January, 2010). *Older adults perceptions of anti-aging actions*. Poster presentation, the annual conference of the Society for Personality & Social Psychology, Las Vegas, NV.

Ratliff, J. M., Hawley, P. H., & **Preacher, K. J.** (November, 2009). *Coerciveness and instrumentality within close friendships: An evolutionary perspective*. Poster presentation, 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 presentation, 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 presentation, 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 presentation, the annual conference of the Society for Industrial & 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 presentation, 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 presentation, 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 presentation, the 17th annual National Women's Health Congress, Williamsburg, VA. [abstract in *Journal of Women's Health*, *18*, 758]

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 presentation, 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 presentation, 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 presentation, 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 presentation, 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 presentation, the 11th International Conference on Alzheimer's Disease & Related Disorders, Chicago, IL. [abstract in *Alzheimer's & Dementia*, *4*, T682-T683]

*Gallagher, M. W., Lopez, S. J., & **Preacher, K. J.** (May, 2008). *The hierarchical structure of well-being*. Poster presentation, 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 presentation, 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 presentation, the annual meeting of the Society for Personality & 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.

Hawkley, 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 & Social Psychology, Memphis, TN.

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 & Social Psychology, Palm Springs, CA.

Hawkley, 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 & 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 & 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.

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 & Organizational Psychology, Chicago, IL.

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 & 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 & Social Psychology, Los Angeles, CA.

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 & 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 & 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

National and International

On-call faculty evaluator (psychometrics). American Council on Education (2025 – present).

Chair, *Structural equation modeling: Foundations, recent developments, and applications* (Invited Paper Session). Joint Statistical Meetings, Nashville, TN (August 6, 2025).

Panelist, CARMA Topic Interest Group – Ask the Experts, Session II: Moderation and Mediation Analysis (October 28, 2022)

Online statistical support: Statistical calculators (2001 – present). Field ongoing statistical questions regarding a number of statistical calculator websites that I designed to serve the research community: http://quantpsy.org

Online statistical support: Statistics Q&A Forum Co-Leader, (2008 – 2011). Co-hosted a discussion forum (with Andrew Hayes) for researchers using mediation and moderation analysis. This involved answering thousands of research questions at no cost to users.

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

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

Chair, Workshop Grant Committee, Society of Multivariate Experimental Psychology (2010 – 2020)

Member, Presidential Citations Committee, American Psychological Association (2013 – 2014)

Member, Innovation Committee, Society of Multivariate Experimental Psychology (2008 – 2010)

Member, Planning Committee, Society of Multivariate Experimental Psychology conference (2011 – 2014)

Panelist, Mentorship Roundtable, American Psychological Association Convention (2011)

Reviewer, IES Social and Behavioral review panel (2016)

Reviewer, NIMH RFA "Pediatric Suicide Prevention in Emergency Departments" (2014)
Reviewer, NIMH RFA "Innovative Approaches to Personalizing Treatment of Depression" (2008)
Reviewer, Evaluation, Measurement, & Statistics, American Psychological Association (2008, 2013)
Reviewer, Developmental Methodology Panel, Society for Research on Adolescence (2007, 2009)

College and University

Affiliated Faculty, Data Science Institute, Vanderbilt (2018 – present)
Panelist, Faculty Insights Panel, Vanderbilt (2017)
Member, Dept. of Biostatistics chair search committee, Vanderbilt (2016 – 2017)
Member, Faculty/Student Task Force for Course Evaluation Completion (TFCEC), Vanderbilt (2016)
Member, University Graduate Fellowship Committee, Vanderbilt (2015)
Delegate, Graduate Faculty Delegate Assembly, Vanderbilt (2012 – 2013)
Invited Lecturer, Kennedy Center Statistics and Methodology Core training series, Vanderbilt (2013)
Invited Lecturer, Center for Health Services Research monthly seminar, Vanderbilt (2013)
Member, Psychological Sciences Distinguished Alumnus Lecture Committee, Vanderbilt (2012)
Coordinator, Graduate Quantitative Methods Minor, Vanderbilt (2012 – 2025)
Coordinator, Undergraduate Quantitative Methods minor, Vanderbilt (2012 – 2025)
Member, Randolph Blake Earlier Career Award Committee, Vanderbilt (2012 – 2014)
Panelist, Professional Development Panel, Peabody College, Vanderbilt (2011)
Member, Committee on Research, Peabody College, Vanderbilt Univ. (2011 – 2012)
Leader/Founder, Multilevel Structural Equation Modeling Workgroup, Univ. of Kansas (2010 – 2011)
Member, Academic misconduct panel, Univ. of Kansas (2008 – 2011)
Associate, Center for Research Methods & Data Analysis, Univ. of Kansas (2009 – 2011)
Co-coordinator, Methods Discussion Group; Schiefelbusch Life Span Inst., Univ. of Kansas (2007 – 2011)

Department

Chair, Child Studies Group & Registry Task Force, Psychology & Human Development, Vanderbilt (2024 – 2025)
Organizer, Teaching assistant assignment, Psychology & Human Development, Vanderbilt (2022 – present)
Chair, Chair Recommendation Committee, Psychology & Human Development, Vanderbilt (2022)
Member, Search committee for 3 tenure-track asst. prof. positions in Diversity, Equity, and Inclusion cluster hire, Vanderbilt (2021 – 2022)
Member, Psychological Sciences Awards Committee (2019)
Member, Faculty Review Committee, Psychology & Human Development, Vanderbilt (2019)
Chair, Faculty Review Committee, Psychology & Human Development, Vanderbilt (2016 – 2017)
Member, Hiring committee for Administrative Assistant I position (2016)
Member, Search committee for tenure-track asst./assoc. prof. in Quantitative Methods, Vanderbilt (2015 – 2017)
Associate Chair, Department of Psychology & Human Development, Vanderbilt (2014 – present)

Member, Executive Committee, Department of Psychology & Human Development, Vanderbilt (2014 – present)

Member, Space Committee, Department of Psychology & Human Development, Vanderbilt (2014 – 2018; co-chair 2024 – present)

Member, Graduate Student Awards Committee, Psychology & Human Development, Vanderbilt (2014)

Invited Speaker, Developmental Lunch Bunch, Psychology & Human Development, Vanderbilt (2013)

Member, Chair Recommendation Committee, Psychology & Human Development, Vanderbilt (2013)

Invited Speaker, QM Colloquium Series, Psychology & Human Development, Vanderbilt (2012 – 2019)

Committee Chair, Graduate Admissions, Quantitative Psychology, Univ. of Kansas (2010 – 2011)

Committee Chair, Web & Technology, Dept. of Psychology, Univ. of Kansas (2009 – 2011)

Member, Website Committee, Quantitative Psychology, Univ. of Kansas. (2006 – 2011)

Member, Social & Behavioral Sciences Methodology Minor committee, Univ. of Kansas (2006 – 2011)

Member, Merit Evaluation Committee, Dept. of Psychology, Univ. of Kansas (2007 – 2009)

Member, Graduate Admissions Committee, Quantitative Psychology, Univ. of Kansas (2007 – 2009)

Member, Search committee for visiting asst. prof. in Quantitative Psychology, Univ. of Kansas (2007)

Member, Search committee for tenure-track asst. prof. in Quantitative Psychology, Univ. of Kansas (2007)

Website designer/maintainer, Quantitative Psychology / Thurstone Lab., UNC Chapel Hill (2003 – 2006)

Website designer/maintainer, Quantitative Psychology, Ohio State Univ. (1998 – 2003)

Editorial Boards / Consulting Editorships

Psychological Methods (Consulting Editor, 2009 – 2017; Associate Editor, 2018 – 2021)

Journal of Educational and Behavioral Statistics (Editorial Board, 2015 – present)

Communication Methods & Measures (Editorial Board, 2006 – present)

Behavior Research Methods (Editorial Board, 2017 – 2024)

Multivariate Behavioral Research (Consulting Editor, 2011 – 2021; Ed. Advisory Board, 2010 – 2013)

Organizational Research Methods (Editorial Board, 2022 – present)

Journal of Counseling Psychology (Editorial Board, 2006 – 2012)

Social & Personality Psychology Compass (Editorial Board, 2006 – 2008)

Basic & Applied Social Psychology (Editorial Board, 2004 – 2008)

Ad hoc Reviewer

Advances in Methods & Practices in Psychological Science, *American Educational Research Journal: Teaching, Learning, and Human Development*, *American Journal of Industrial Medicine*, *American Psychologist*, *Annals of Behavioral Medicine*, *Annals of Nutrition & Metabolism*, *Applied Psychological Measurement*, *Archives of Scientific Psychology*, *Basic & Applied Social Psychology*, *Behavior Research Methods*, *BMC Geriatrics*, *British Journal of Mathematical & Statistical Psychology*, *Child Development*, *Cognition*, *Communication Methods & Measures*, *Communications in Statistics – Simulation and Computation*, *Computational Statistics & Data Analysis*, *Developmental Psychology*, *Educational & Psychological Measurement*, *European Journal of Social Psychology*, *Evaluation & Program Planning*, *Frontiers in Quantitative Psychology & Measurement*, *Health Psychology*, *Human Communication Research*, *International Journal of Behavioral Development*, *International Journal of Social Research Methodology*, *International Journal of Sports Psychology*, *Journal of Abnormal Psychology*, *Journal of Adolescence*, *Journal*

of Applied Psychology, *Journal of Applied Social Psychology*, *Journal of Applied Statistics*, *Journal of Behavioral Medicine*, *Journal of Career Development*, *Journal of Clinical Child & Adolescent Psychology*, *Journal of Clinical Epidemiology*, *Journal of Consulting & Clinical Psychology*, *Journal of Counseling Psychology*, *Journal of Early Adolescence*, *Journal of Educational & Behavioral Statistics*, *Journal of Educational Psychology*, *Journal of Eperimental Psychology: General*, *Journal of Experimental Social Psychology*, *Journal of Gerontology: Psychological Sciences*, *Journal of Pediatric Neuropsychology*, *Journal of Pediatric Psychology*, *Journal of Personality*, *Journal of Personality & Social Psychology*, *Journal of Policy Analysis and Management*, *Journal of Positive Psychology*, *Journal of Research on Educational Effectiveness*, *Journal of Speech, Language, & Hearing Research*, *Journal of Studies on Alcohol & Drugs*, *Journal of the Academy of Nutrition and Dietetics*, *Journal of the Association for Information Systems*, *Journal of the Royal Statistical Society*, *Medicine & Science in Sports & Exercise*, *Methodology: European Journal of Research Methods in the Behavioural & Social Sciences*, *MIS Quarterly*, *Multivariate Behavioral Research*, *Nature Climate Change*, *Nature Human Behaviour*, *Organizational Research Methods*, *Personality & Social Psychology Bulletin*, *PLOS One*, *Prevention Science*, *Psychological Assessment*, *Psychological Bulletin*, *Psychological Medicine*, *Psychological Methods*, *Psychological Science*, *Psychology & Aging*, *Psychometrika*, *Social & Personality Psychology Compass*, *Social Cognition*, *Social Development*, *Social Forces*, *Social Psychological & Personality Science*, *Social Science & Medicine*, *Social Science Research*, *Socio-Economic Planning Sciences*, *Sociological Methodology*, *Statistical Methodology*, *Statistics in Medicine*, *Structural Equation Modeling*, *The American Statistician*

Professional Affiliations

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

Association for Psychological Science (2002 – present)

AERA Division D: Measurement & Research Methodologies (SIGs #118, #140) (2014 – present)

Psychometric Society (1999 – present)

Society of Multivariate Experimental Psychology (2008 – present)

Society for Personality & Social Psychology (2001 – 2021)

TEACHING

Student Advising

Dissertation committee chair: Vincent Staggs (2009), Emily Fall (2011), Mark Lachowicz (2018), Haley Yaremych (2024)

Dissertation committee co-chair: Jaehoon Lee (2009), James P. Selig (2009), John Michael Clark III (2010); Alexander M. Schoemann (2011)

Masters thesis committee chair: Emily Fall (2009), Aaron Boulton (2011), Mark Lachowicz (2015), Anne-Charlotte Belloeil (2025)

Honors thesis committee chair: Adela Timmons (2010 – 2011).

Dissertation committee member: Yasuko Yamamoto (2007), Amyn Hirani (2007), Gita Sawxalani (2008), Chantal Young (2009), Brenda Sampat (2009), Angela Banitt (2010), Stephanie Wallio (2009), Eric Benson (2008), Matthew Gallagher (2009), Kenneth Lehman (2009), Mark Ferguson (2008), Danyale McCurdy (2010), Hongwook Suh (2010), Ihno Lee (2011), Natalie Stevens (2011), Andrey Koval (2013 – 2014), Corinne Perkins (2014), Ben Tyndall (2015 – 2016), Lexa Murphy (2016), Samantha Viano (2016 – 2018), Woo-yeol Lee (2016 – 2018), Alexandria Hadd (2016 – 2019), Jason Rights (2017 – 2019), S. Mason Garrison (2017 – 2020), Erica Harbatkin (2018 – 2020), Charrise

Phillips Hollingsworth (2018 – 2021), Patrick O'Keefe (2019 – 2020), Westley Youngren (2020 – 2021), Marianne Casilio (2022 – 2024), Hee Jung Jeong (2023 – 2024), Yun Kim (2024 – present), Yunzhen (Amy) Liang (2025 – present), Abigail Snow (2026 – present), Jeongwon Choi (2026 – present), Yinru Long (2026 – present)

Major area paper (MAP) committee member: Charrise Phillips Hollingsworth (2018 – 2019), Sally Fluhler (2021)

Masters thesis committee member: Melinda Gaddy (2009), Natalie Stevens (2008), Scott Drotar (2011), Kelsey Laird (2013), Jason Rights (2015), S. Mason Garrison (2015 – 2016), Woo-yeol Lee (2015 – 2016), Alexandria Hadd (2016), Patrick O'Keefe (2018), Matthew Naveiras (2020)

Comprehensive exams committee chair: Mark Lachowicz (2016), Haley Yaremych (2022), Anne-Charlotte Belloeil (2025 – 2026)

Comprehensive exams committee member: Hongwook Suh (2007), Pui Chi (Lorraine) Chiu (2008), Alex Schoemann (2010), Waylon Howard (2011), Janet Super (2011), Chunmei Zhen (2011), Zairul Nor Deana Md Desa (2011), Andrey Koval (2013), Woo-yeol Lee (2016 – 2017), Alexandria Hadd (2016 – 2017), Jason Rights (2017), S. Mason Garrison (2017 – 2018), Patrick O'Keefe (2018 – 2019), Brian Bernstein (2020), Marianne Casilio (2022), Jeongwon Choi (2024 – 2025), Yunzhen (Amy) Liang (2025), Abigail Snow (2026 – present)

Masters examination committee member: Yudong Cao (2017)

Curriculum committee member: Hannah Krimm (2014)

Honors thesis committee member: Katherine Harr (2009), Richard Dyer (2012), Grace Carter (2018)

Undergraduate departmental advising: Around 7-10 students per year (2012 – present)

Primary Advisees:

Vincent Staggs (2007 – 2009)
Current Position: Director, Children's Mercy Research Institute Biostatistics & Epidemiology Core (BEC), Children's Mercy Kansas City; Associate Professor, School of Medicine, University of Missouri – Kansas City

James P. Selig (with Todd Little; 2007 – 2009)
Current Position: Associate Professor, Biostatistics, Univ. of Arkansas for Medical Sciences

Emily (Fall) Cramer (2007 – 2011)
Current Position: Research Associate Professor, University of Kansas Medical Center

Mark Lachowicz (2013 – 2018)
Current Position: Quantitative Researcher, American Institutes for Research

Haley Yaremych (2019 – 2024)
Current Position: Research Statistician Software Tester, JMP/SAS

Anne-Charlotte Belloeil (2022 – present)

Secondary Advisees:

Jaehoon Lee (Primary Advisor: Todd Little; 2007 – 2009)
Current Position: Associate Professor, Texas Tech University

John Michael Clark III (Primary Advisor: Todd Little; 2007 – 2010)
Current Position: Senior Analytical Consultant, SAS Institute

Alexander M. Schoemann (Primary Advisor: Nyla Branscombe; 2010 – 2011)
Current Position: Associate Professor, Psychology, East Carolina University

Jason Rights (Primary Advisor: Sonya Sterba; 2014 – 2019)
Current Position: Assistant Professor, University of British Columbia

Graduate Course Instructor (F = fall, S = spring, Su = summer)

Advanced Structural Equation Modeling. University of Kansas (S.2007, S.2008)
Advanced Structural Equation Modeling. Vanderbilt University (S.2018, S.2024, S.2026)
Applied Nonparametric Statistical Methods. University of Kansas (F.2007, F.2009, F.2010)
Applied Nonparametric Statistics. Vanderbilt University (S.2017, S.2023, F.2025)
Factor Analysis. University of Kansas (S.2007, S.2008, S.2010)
Factor Analysis. Vanderbilt University (S.2012, S.2016, S.2022, F.2023, F.2024)
Hierarchical Linear Modeling in Educational Research. Vanderbilt University (F.2012)
Multilevel Modeling. University of Kansas (F.2006, F.2007, S.2009, S.2010, S.2011)
Multilevel Modeling. Vanderbilt University (F.2013, S.2014, F.2014, S.2015, F.2015, F.2016, F.2017, S.2018, F.2018, S.2020, F.2020, F.2021, S.2023, S.2024, F.2024, F.2025, S.2026)
Independent Study. University of Kansas (9 students; 2007 – 2011)
Independent Study. Vanderbilt University (1 student; 2015)
Quantitative Psychology Proseminar. University of Kansas (F.2006)
Statistical Consulting. Vanderbilt University (S.2019, F.2019, F.2022, F.2023)

Undergraduate Course Instructor (F = fall, S = spring, Su = summer)

Statistical Analysis. Vanderbilt University (S.2025)
Intro. to Statistical Analysis. Vanderbilt University (F.2011, S.2012, F.2012, S.2013, F.2013, F.2014)
Independent Study. University of Kansas (6 students; 2007 – 2011)
Independent Study. Vanderbilt University (1 student; 2015)
Introductory Statistics. University of North Carolina at Chapel Hill (S.2004, Su.2004, 2×F.2004, Su.2005)