

REFEREED PRESENTATIONS:

- Kalaian, S. A., & Kasim, R. M. (2015, April). Effectiveness of Small-Group Learning in STEM College Classrooms: An International Meta-Analytic Review. Poster will be presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago.
- Kasim, R. M., & Kalaian, S. A. (2015, April). Small-Group Learning versus Lecture-Based Instruction in Engineering, Technology, and Computer Science College Classrooms. Poster will be presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago.
- Kasim, R. M., & Kalaian, S. A. (2013, April). Effectiveness of Small-Group Learning in Science College Classrooms: A Meta-Analytic Study. Paper presented at the Annual Meeting of the American Educational Research Association (AERA). San Francisco, California.
- Kasim, R. M., & Kalaian, S. A. (2012, April). *Small-Group Learning Versus Lecture-Based Instruction in Mathematics College Classrooms: A Meta-Analysis*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Vancouver, Canada.
- Kalaian, S. A., & Kasim, R. M. (2011, October). *A Meta-Analysis of the Effectiveness of Small- Group Instruction Compared to Lecture-Based Instruction in Science, Technology, Engineering, and Mathematics (STEM) College Classes*. Poster presented at the Principal Investigator's (PI) meeting of the National Science Foundation's (NSF) REESE program. Washington, D.C.
- Kalaian, S. A., & Kasim, R. M. (2011, October). *Effectiveness of Small-Group Learning in Statistics and Research Methods College Classes: A Multilevel Meta-Analysis Approach*. A paper presented at the Annual Meeting of the Mid-Western Educational Research Association in Saint Louis, Missouri.
- Kasim, R. M., & Kalaian, S. A. (2011, October). *A Meta-Analytic Study to Examine the Effectiveness of Cooperative Learning in Science College Classes*. A paper presented at the Annual Meeting of the Mid-Western Educational Research Association in Saint Louis, Missouri.
- Kalaian, S. A., & Kasim, R. M. (2011, April). *The Effectiveness of Small Group Learning in Health Science College Classrooms*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA) in April 2011. New Orleans, Louisiana.
- Kalaian, S. A., & Kasim, R. M. (2010, October). *A Multilevel Meta-Analysis of the*

Effectiveness of Collaborative Learning in Undergraduate STEM Labs. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.

- Kasim, R. M., & Kalaian, S. A. (2010, October). *Multilevel Meta-Analysis Study of the Effectiveness of Active Small-Group Learning in College Science Classes.* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A., & Kasim, R. M. (2010, October). *A Global Perspective on the Effectiveness of Small-Group Learning in STEM College Classrooms.* Paper presented at the Midwest Regional Comparative and International Education Society 2010 Conference. Ypsilanti, Michigan.
- Kasim, R. M., Kalaian, S. A., & Kasim, N. R. (2010, October). *A Comparative Study to Examine the Effectiveness of Cooperative Learning across Science Disciplines.* Paper presented at the Midwest Regional Comparative and International Education Society 2010 Conference. Ypsilanti, Michigan.
- Kalaian, S. A., & Kasim, R. M. (2010, May). *Effectiveness of Cooperative Learning Compared to Lecture-Based Learning in College STEM Classes.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA) in May 2010. Denver, Colorado.
- Kalaian, S. A., & Kasim, R. M. (2010, April). *Effectiveness of Response Rates of Online Surveys: A Meta-Analytic Review.* Paper presented at the Annual Meeting of the Midwest Decision Science Institute (MWDSI). Toledo, Ohio.
- Kasim, R. M., & Kalaian, S. A. (2010, April). *Measuring Mean-Change in Organizational Research.* Paper presented at the Annual Meeting of the Midwest Decision Science Institute (MWDSI). Toledo, Ohio.
- Kasim, R. M., & Kalaian, S. A. (2010, March). Preliminary Results of the Effectiveness of small-group learning in the Mathematics and Statistics College Courses: A Meta-Analysis. Poster presented at the Principal Investigator (PI) meeting of the National Science Foundation's (NSF) REESE program. Washington, D.C.
- Kasim, R. M., & Kalaian, S. A. (2009, October). *Multilevel Modeling of the Effectiveness of Small-Group Learning in the Mathematics and Statistics College Courses: A Meta-Analysis.* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. St. Louis, Missouri.
- Kalaian, S. A., & Kasim, R. M. (2009, October). *Synthesizing the Effectiveness of small-group learning in STEM Classes Using Multilevel Meta-Analysis Methods.* Paper

presented at the Annual Meeting of the Mid-Western Educational Research Association. St. Louis, Missouri.

- Kalaian, S. A., & Kasim, R. M. (2009, April). *Should We Use the Mixed-or-Fixed-Effects Meta-Analysis Approaches for Analyzing STEM Effectiveness Data?* Paper presented at the Annual Meeting of the American Educational Research Association (AERA). San Diego.
- Kalaian, S. A., & Kasim, R. M. (2009, February). *Effectiveness of Active Small-Group Instruction Compared to Lecture-Based Instruction in Science, Technology, Engineering, and Mathematics (STEM) College Classes.* Poster presented at the Principal Investigator (PI) meeting of the National Science Foundation's (NSF) REESE program. Washington, D.C.
- Kalaian, S. A., & Kasim, R. M. (2008, October). *Why Multivariate Meta-Analysis Methods for Studies with Multivariate Outcomes?* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A., & Kasim, R. M. (2007, October). *Fixed-Effects vs. Mixed-Effects Approaches to Meta-Analysis.* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. St. Louis, Missouri.
- Kalaian, S. A., & Kasim, R. M. (2007, October). *Multilevel Model for Meta-Analytic Data with Categorical Outcomes.* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. St. Louis, Missouri.
- Kalaian, S. A., & Kasim, R. M. (2007, April). *Applications of Multilevel Models for Meta-Analysis.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago, Illinois.
- Kalaian, S. A., & Kasim, R. M. (2007, April). *Comparing Univariate and Multivariate Multilevel Meta-Analysis Methods.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago, Illinois.
- Kalaian, S. A. (2007, March). *Technology Students' Perceptions of Assessment Strategies in a Qualitative Research Design Course.* Poster presented at the Faculty Development Showcase. Eastern Michigan University. Ypsilanti, Michigan.
- Shah, H. & Kalaian, S. (2006, November). *Parametric Statistical Methods to Obtain Reliability in Delphi Technique.* Paper presented at the 37th Annual Meeting of the Decision Science Institute (DSI). San Antonio, Texas.
- Kalaian, S. A. (2006, October). *Pitfalls of Research Process.* Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.

- Kalaian, S. A., & Shah, H. (2006, October). *Overview of Parametric and Non-parametric Statistical Methods for Analyzing Delphi Data*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A., & Kasim, R. M. (2006, March). *Comparing Univariate and Multivariate Multilevel Meta-Analysis Methods*. Paper presented at the Annual Meeting of the Midwest Decision Science Institute. Indianapolis, Indiana.
- Kang, Z., Stone, G., & Kalaian, S. A. (2006, October). *Rasch Model Evaluation of Instrument Performance: Reliability and Reliability*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A., & Kasim, R. M. (2005, October). *Correlates of Response Rates in Survey Research: A Meta-Analytic Review*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kang, Z., & Kalaian, S. A. (2005, October). *College Teachers? Performances and College Students Motivation to Learn: a Quantitative Comparison of Graduates and Undergraduates*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A., Shah, H., & Anderson, D. (2005, October). *Delphi Methodology: A Systematic Decision-Making Framework for Educational Research*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kernsmith, R., Wilzak, A., & Kalaian, S. A. (2005, October). *Gender Differences in Stalking Victimization*. Paper presented at the 41st annual meeting of the American Society of Criminology (ASC) in Ontario, Canada.
- Shah, H., & Kalaian, S. A. (2005, October). *Comparison of Different Parametric Procedures to Examine Reliability in Sequential Delphi*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kasim, R. M., & Kalaian, S. A. (2005, April). *Rasch Modeling via Multilevel Models*. Paper presented at the Annual Meeting of the Education Research Exchange (ERE). Cleveland, Ohio.
- Kasim, R. M., Telzrow, C. F., & Kalaian, S. A. (2005, April). *Meta-Analysis of Single-Case Intervention Designs for Children with Autism: Hierarchical Linear Model Perspective*. Paper presented at the Annual Meeting of the Education Research Exchange (ERE). Cleveland, Ohio.
- Kalaian, S. A., Kernsmith, R., & Wilzak, A. (2005, October). *Exploring Risk Factors for*

Stalking Victimization. Poster presented at the 41st annual meeting of the American Society of Criminology (ASC) in Ontario, Canada.

- Shah, H., & Kalaian, S. A. (March, 2005). *Comparison of Different Parametric Procedures to Examine Reliability in Sequential Delphi Surveys*. Paper Presented at the Eastern Michigan Graduate Research Fair. Ypsilanti, Michigan.
- Clark, J. R., & Kalaian, S. A. (March, 2005). *Distance Education Accommodation for Students with Disabilities*. Paper presented at the Eastern Michigan Graduate Research Fair. Ypsilanti, Michigan.
- Kalaian, S. A., Kernsmith, R., & Wilzak, A. (April, 2005). *Exploring Risk Factors for Stalking Victimization*. Poster presented at the Eastern Michigan University Faculty Development Showcase. Ypsilanti, Michigan.
- Telzrow, C. F., Kasim, R., Richardson, S., & Kalaian, S. (March, 2005). *Meta-Analysis of Single-Case Studies in Autism Using Hierarchical Linear Models*. Paper presented at the Annual Meeting of the National Association of School Psychologists (NASP). New Orleans, Louisiana.
- Kalaian, S. A., & Kasim, R. M. (Oct. 2004). *Graduate Students' Attitudes Toward Research*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio .
- Kasim, R. M., & Kalaian, S. A. (Oct. 2004). *Meta-Analysis of Single-Case Intervention Designs for Children with Autism: Hierarchical Linear Model Perspective*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kasim, R. M., & Kalaian, S. A. (Oct. 2004). *Rasch Modeling via Multilevel Models*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio .
- Kang, Z., & Kalaian, S. A. (Oct. 2004). *Teachers' Performance and Students' Motivation to Learn*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Bailey, A. A., & Kalaian, S. (Aug. 2004). *Consumer Skepticism toward Celebrity Endorsements Scale*. Paper presented at the AMA Summer Marketing Educator's Conference. Washington, D.C.
- Kalaian, S. A. (April, 2004). *Comparison between Multivariate Fixed-Effects and Mixed-Effects Meta-Analysis*. Paper presented at the Annual Meeting of American Educational Research Association (AERA). San Diego.

- Okuda, I., Kalaian, S. A., Armstrong, C., & Yoshiike, H. (September, 2003) *Weight Transfer Patterns Depending on Golf Skill Level*. Paper presented at the annual meeting of the American Society of Biomechanics (ASB). Toledo, Ohio.
- Kalaian, S. A. (Nov. 2003). *Application of Multivariate Hierarchical Linear Model (HLM) to Multi-site Evaluation Studies: A Meta-Analysis Approach*. Paper presented at the American Evaluation Association (AEA). Reno, Nevada.
- Jipaiboon, T., & Kalaian, S. A. (Nov., 2003). *Using Hierarchical Linear Modeling to Examine Moderator Effects: IS Organization-by-Industrial Sector Interactions*. Paper presented at the Annual Meeting of the Decision Science Institute (DSI). Washington, D.C.
- Kasim, R. M., & Kalaian, S. A. (Oct. 2003). *The Use of Propensity Scores for Treatment Selection and attrition bias adjustment: An Application to Multi-Sites Analysis using High Risk Youth (HRY) Data*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Carroll, F. G., & Kalaian, S. A. (Oct. 2003). *The Morehouse College Glee Club: A Century of Brothers in Song*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Waronska, A. K., Hong, P. C., & Kalaian, S. A. (Nov. 2003). *Determinants of project success: From Knowledge integration perspective*. Paper presented at the Annual Meeting of the Decision Science Institute (DSI). Washington, D.C.
- Bailey, A. A., & Kalaian, S. (Nov. 2003). *Consumer Skepticism toward Celebrity Endorsement Scale*. Paper presented at the Annual Meeting of the Decision Science Institute (DSI). Washington, D.C.
- Skillings, J. L., & Kalaian, S. A. (Oct. 2003). *Like Fog in a Telescope: Hidden Subjectivity Across Methods of Factor Analysis*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Speck, P. S., & Kalaian, S. A. (Oct. 2003). *The assessment and intervention of language developmental delays in kindergarten children*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Burck, A. M., & Kalaian, S. A. (Oct. 2003). *The Use of HLM in Understanding Student's Self-Concept*. Paper presented at the Annual Meeting of the Mid-Western Educational Research Association. Columbus, Ohio.
- Kalaian, S. A. (April, 2003). *Multivariate Hierarchical Mixed-Effects Methods for proportions: A Meta-Analytic Approach*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago.

- Kalaian, S. A., & Kasim, R. M. (April, 2003). *Synthesizing Treatment Effects in Multisite Evaluation studies: A Meta-Analytic Perspective*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA). Chicago.
- Jipaiboon, T., & Kalaian, S. A. (March, 2003). *Structural Linear Modeling for Information Systems Strategic Grid*. Paper presented at the Annual Meeting of the Midwest Business Administration Association (MBAA). Chicago.
- Skillings, J. L., & Kalaian, S. A. (April, 2003). *Like a Box of Chocolates: Ambiguity in the Identification of Latent Constructs*. Poster presented at the Tenth Annual Symposium on Research in Psychiatry, Psychology and Behavioral Science. Toledo, Ohio.
- Kalaian, S. A., & Kasim, R. M. (Nov., 2002). *Modeling Variability in Multi-Site Evaluation Studies Using Hierarchical Linear Modeling (HLM): Meta-Analytic Perspective*. Paper presented at the American Evaluation Association (AEA). Washington, D.C.
- Kalaian, S. A., & Kasim, R. M. (April, 2002). *Multivariate Hierarchical Linear Modeling of Nested Sub-samples: Meta-Analytic Perspective*. Paper presented at the annual meeting of the American Educational Research Association (AERA) New Orleans.
- Kalaian, H. A. (April, 1999). *Multivariate Mixed-Effects Modeling of Within-Studies in Meta-Analysis*. Paper presented at the annual meeting of the American Educational Research Association (AERA). Montreal, Canada.
- Kalaian, H. A. (April, 1998). *Multivariate Modeling of Dispersion-Change Effect Sizes*. Paper presented at the annual meeting of the American Educational Research Association (AERA), San Diego.
- Kalaian, H. A., Mullan, P. B., & Kasim, R. M. (April, 1997). *Modeling the Effects of PBL and Traditional Curriculum on NBME I and II Performance: A Hierarchical Linear Model Meta-Analytic Perspective*. Paper presented at the annual meeting of the American Educational Research Association (AERA). Chicago.
- Kalaian, H. A., & Becker, B. J. (April, 1996). *Modeling Differences in Variability*. Paper presented at the annual meeting of the American Educational Research Association (AERA). New York.
- Bridgham, R. G., & Kalaian, H. A. (1995, November). *Consistency of Ratings of Clerks with Their Performance Evaluation as Residents*. Poster presented at the annual meeting of the Research in Medical Education (RIME). Washington D. C.
- Kalaian, H. A., Mullan, P. B., & Kasim, R. M. (1994, October). *Modeling the Effects of PBL as Discerned by Medical Students NBME I and II Performance: HLM Approach for*

Meta- Analysis. Paper presented at the annual meeting of the American Association of Medical Colleges (AAMC). Boston.

- Kalaian, H. A., & Mullan, P. B. (1994, October). *The Dimensionality of Problem-Based Learning.* Paper presented at the annual meeting of the Mid-Western Educational Research Association (MWERA). Chicago.
- Kalaian, H. A., & Raudenbush, S. W. (1994, April). *Scholastic Aptitude Test Coaching Effectiveness: A Multivariate Hierarchical Linear Model Meta-Analysis Approach.* Paper presented at the annual meeting of the American Educational Research Association (AERA). New Orleans.
- Kalaian, H. A., & Freeman, D. J. (1990, April). *Is Self-Confidence in Teaching a Multidimensional or Unidimensional Trait?* Paper presented at the annual meeting of the American Educational Research Association (AERA). Boston.
- Kalaian, H. A., & Freeman, D. J. (1989, April). *Differences in Self-Confidence and Educational Beliefs of Male and Female Teacher Candidates.* Paper presented at the Annual meeting of the American Educational Research Association (AERA). San-Francisco.
- Kalaian, H. A., & Freeman, D. J. (1988, November). *Gender Differences in Self-Confidence and Educational Beliefs among Secondary Teacher Candidates.* Paper presented at the annual meeting of the American Evaluation Association (AEA). New Orleans, Louisiana.
- Kalaian, H. A., & Freeman, D. J. (1987, April). *Relations between Teacher Candidates' Self-Confidence and Orientations to Teaching.* Paper presented at the annual meeting of the American Educational Research Association (AERA). Washington, D. C.
- Kalaian, H. A., & Becker, J. B. (1986, April). *The Effects of Coaching on Scholastic Aptitude Tests (SAT) Performance: A Multivariate Meta-Analysis Approach.* Paper presented at the annual meeting of the American Educational Research Association (AERA). San Francisco.
- Freeman, D. J., & Kalaian, H. A. (1985, April). *Do Traditional Teacher Education Programs Alter Educational Beliefs?* Paper presented at the annual meeting of the American Educational Research Association (AERA). Chicago.