

## CURRICULUM VITAE

### **Grant B. Morgan, Ph.D.**

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#### **EDUCATION**

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|-------|------|------------------------------------------------------------------------------------------------------------|
| Ph.D. | 2012 | University of South Carolina<br>Educational Research & Psychology<br><i>Research and Measurement Track</i> |
| M.S.  | 2005 | Western Carolina University<br>Human Resources Management<br><i>Organization Performance Track</i>         |
| B.S.  | 2003 | Clemson University<br>Psychology                                                                           |

#### **PROFESSIONAL EXPERIENCE**

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| 2021 – Present | <b>Associate Dean for Research</b><br>Moody School of Education, Baylor University                                                                                                              |
| 2018 – 2021    | <b>Department Chair</b><br>Department of Educational Psychology, Baylor University                                                                                                              |
| 2017 – 2019    | <b>Director of Graduate Programs</b><br><b>Director of PhD Program</b><br><b>Coordinator of Quantitative Methods Specializations</b><br>Department of Educational Psychology, Baylor University |
| 2022 – Present | <b>Professor</b><br>Department of Educational Psychology, Baylor University                                                                                                                     |
| 2016 – 2022    | <b>Associate Professor</b><br>Department of Educational Psychology, Baylor University                                                                                                           |
| 2012 – 2016    | <b>Assistant Professor</b><br>Department of Educational Psychology, Baylor University                                                                                                           |
| 2011 – 2013    | <b>Psychometrics / Statistics Consultant</b><br>Charlotte-Mecklenburg Schools, Charlotte, NC                                                                                                    |

2007 – 2012      **Research Assistant / Program Evaluator**  
Office of Program Evaluation, University of South Carolina, Columbia, SC

05/2008 – 08/2008    **Executive Intern / Research Methodologist**  
South Carolina Technical College System, Columbia, SC

2005 – 2010      **Research Analyst**  
Praxis Research, Inc., Charlotte, NC

2003 – 2005      **Research Assistant**  
Western Carolina University, Cullowhee, NC

## SCHOLARSHIP

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<sup>1</sup> *Baylor Graduate Student at time of publication*

<sup>2</sup> *Baylor Undergraduate Student at time of publication*

## Books

Padilla, K. L., & **Morgan, G. B.** (2026). *Assessment and measurement in applied behavior analysis*. New York, NY: Guilford Press.

Johnson, R. L., & **Morgan, G. B.** (2016). *Survey scales: A guide to development, analysis, and reporting*. New York, NY: Guilford Press.

## Refereed Publications

Eckert, J. M., Kapitaniuk, H., Singletary, W., **Morgan, G. B.**, Sterrett, W., Frey, M. & Rhames, M. A. (under review). Flourishing through a focus on feedback, engagement, and well-being for each student.

Tores, D. K. <sup>1</sup>, **Morgan, G. B.**, Carmona-Reyes, J. <sup>1</sup>, & Song, J. <sup>1</sup> (under review). Testing for opportunity: CogAT preparation and the pursuit of equitable gifted education programs.

Carter, E., LeShana, J., Chance, M., Reed, A. H., Yancey, G., McMullen, E., Roe da Silva, A., Utama, C., Eshman, S., Davis, C., Chang, J., & **Morgan, G. B.** (in press). Serving youth with disabilities and mental health conditions: A national study of youth ministry leaders. *Review of Religious Research*.

Valtadoros, L. E., Valdez Rendon, D. A., Newton, C. A., **Morgan, G. B.**, Bigalke, J. A., & Carter, J. R. (in press). Continuous blood pressure variability within young, healthy adults: a test-retest study to assess relative and absolute reliability. *Heart and Circulatory Physiology*.

Matsuo, H., **Morgan, G. B.**, Ridder, R. J., & Schnitker, S. A. (2026). The use of multilevel latent growth modeling analyzing clustered data within individuals: An applied study comparing aggregated and multilevel approaches and a simulation study of sample size. *Methods in Psychology*, 100245.

- Tores, D. K.<sup>1</sup>, Lutz, L. A.<sup>1</sup>, Song, J.<sup>1</sup>, Ozkan, F.<sup>1</sup>, Spitsberg, T.<sup>1</sup>, Filippini, T.<sup>1</sup>, Matsuo, H., & **Morgan, G. B.** (in press). Rasch investigation of the CogAT Form 8 verbal, quantitative, and nonverbal domains in grades 3 through 5. *Journal of Psychoeducational Assessment*.
- Matsuo, H.<sup>1</sup>, Greenway, T. S., **Morgan, G. B.**, & Schnitker, S. A. (in press). Assessing Longitudinal Measurement Invariance for the Christian Orthodoxy Scale. *Internal Journal for the Psychology of Religion*.
- Matsuo, H.<sup>1</sup>, Greenway, T. S., **Morgan, G. B.**, & Schnitker, S. A. (in press). Does change in faith maturity reflect maturation? Establishing strict measurement invariance for the faith maturity scale across time. *Psychology of Religion and Spirituality*.
- Elkins, G., Arring, N., **Morgan, G. B.**, Lorenz, T., Muñiz, V.<sup>1</sup>, Lafferty, C., Scheffrahn, K.<sup>1</sup>, Alldredge, C., & Barton, D. (2025). Self-administered hypnosis vs sham hypnosis for hot flashes in post-menopausal women and breast cancer survivors: A single-blind randomized clinical trial. *JAMA Network Open*, 8(11).
- Polson, E. C., Oxhandler, H. K., Ander, G., **Morgan, G. B.**, Fox, J., Pearce, M., Vieten, C., Pargament, K., & Currier, J. (2025). The religious and spiritual beliefs and practices of mental health educators: A national study. *Journal of Spirituality in Mental Health*. <https://doi.org/10.1080/19349637.2025.2470822>
- Oxhandler, H. K., Polson, E. C., **Morgan, G. B.**, Pearce, M. J., Fox, J., Vieten, C., Pargament, K. I., & Currier, J. M. (2025). Revalidating the religious/spiritually integrated practice assessment for educators across four mental health disciplines. *Journal of Spirituality in Mental Health*, 27, 401-417.
- Pearce, M.J., Pargament, K., Wong, S., Hinkel, H., Salcone, S., **Morgan, G. B.**, Kemp, D., Brock, B., Kim, E., Oxhandler, H., Vieten, C., Fox, J., Polson, E., & Currier, J. (2024). Enhancing Training in Spiritual and Religious Competencies in Mental Health Graduate Education: Evaluation of an Integrated Curricular Approach. *PLOS ONE*, 19(9), e0306114.
- Padgett, R. N., **Morgan, G. B.**, & Lomas, T. (2024). Regularizing threshold priors with sparse response patterns in Bayesian factor analysis with categorical indicators. *Psychological Methods*. Advanced online publication.
- Carter, E. W., Lanchak, E. R., & **Morgan, G. B.** (2024). Vocational calling, meaningful work, and job satisfaction among disability services providers. *Inclusion*, 12(3), 186-200.
- Stamatis, A., **Morgan, G. B.**, Spinou, A., & Tsigaridis, K. G. (2023). Mental toughness and osteoarthritis: Postsurgery improvement in knee pain/functionality in older adults. *Rehabilitation Psychology*.
- Stamatis, A., Garcia-Retortillo, S., **Morgan, G. B.**, & Sanchez-Moreno, A. (2023). Case report: Cortico-ocular interaction networks in NBA2K. *Frontiers in Network Physiology*, 3, 1151832.

- Stamatis, A., **Morgan, G. B.**, Cowden, R. G., & Koutakis, P. (2023). Conceptualizing, measuring, and training mental toughness in sport: Perspectives of master strength and conditioning coaches. *Journal for the Study of Sports and Athletes in Education*, 17(1), 1-28.
- Eckert, J. & **Morgan, G. B.** (2023). Collective leadership and STEM practices as catalysts of school improvement. *Education Policy Analysis Archives*. Advance online publication.
- Eckert, J., **Morgan, G. B.**, & Daughtrey, A. (2023). Collective school leadership and collective teacher efficacy through turbulence. *Leadership and Policy in Schools*. Advance online publication.
- Morgan, G.B.**, & Magnusen, M. (2022). Sport Isn't Sacred and Analytics Isn't New: Challenging Common Notions About Sports Analytics. *Journal of Applied Sport Management*, 14(4), 11-15.
- Padilla, K. L., Weston, R. <sup>1</sup>, **Morgan, G. B.**, Lively, P. <sup>1</sup>, & O'Guinn, N. <sup>1</sup> (2023). Validity and Reliability Evidence for Assessments Based in Applied Behavior Analysis: A Systematic Review. *Behavior Modification*, 47(1), 247-288.
- Stamatis, A., **Morgan, G. B.**, Nyamaruze, P., & Koutakis, P. (2022). Mental toughness development via military-style training in the NCAA: a three-phase, mixed-method study of the perspectives of strength and conditioning coaches. *Sports*, 10(6), 92.
- Eckert, J., **Morgan, G. B.**, & Padgett, R. N. <sup>1</sup> (2022). Collective leadership: developing a tool to assess educator readiness and efficacy. *Journal of Psychoeducational Assessment*, 40(4), 533-548.
- Stamatis, A., **Morgan, G. B.**, Flores-Moreno, P. J., Barajas-Pineda, L. T., Andrade Sanchez, A. I., & Torres, S. S. (2022). Invarianza multicultural y validacion del indice de fortaleza mental en deportistas norteamericanos y mexicanos. *Retos*, 43, 643-650.
- Fletcher, E. <sup>1</sup>, Wiggs, M., Greathouse, K. L., **Morgan, G. B.**, & Gordon, P. M. (2022). Impaired Proteostasis in Obese Skeletal Muscle Relates to Altered Immunoproteasome Activity. *Applied Physiology, Nutrition, and Metabolism*. Advanced online publication.
- Stamatis, A., **Morgan, G. B.**, Cowden, R. G., & Koutakis, P. (2021). Conceptualizing, measuring, and training mental toughness in sport: Perspectives of master strength and conditioning coaches. *Journal for the Study of Sports and Athletes in Education*. Advance online publication.
- Renbarger, R. <sup>1</sup>, **Morgan, G. B.**, & Prochnow, T. <sup>1</sup> (2021). Helping students from the McNair scholars program enroll in graduate school: A multilevel modeling examination. *Journal of College Academic Support Programs*, 4(1), 38-46.
- Padgett, R. N. <sup>1</sup>, & **Morgan, G. B.** (2021). Evaluating the relative efficiency among robust estimation methods for multilevel factor analysis with categorical data. *Communications in Statistics*. Advance online publication.

- Stamatis, A., **Morgan, G. B.**, Papadakis, Z., Mougios, V., Bogdanis, G., & Spinou, A. (2021). Cross-cultural invariance of the Mental Toughness Index among American and Greek athletes. *Current Psychology*, 40(12), 5793-5800.
- Morgan, G. B.**, & Padgett, R. N.<sup>1</sup> (2021). Multilevel latent transition mixture modeling: Variance decomposition and application. *Frontiers in Education*. [Special Issue on Advances in Mixture Modeling]
- Hering, A. S., Durell, L.<sup>1</sup>, & **Morgan, G. B.** (2021). Illustrating randomness in statistics courses with spacial experiments. *The American Statistician*. Advance online publication.
- Morgan, G. B.** (2020). Generating nonnormal distributions via Gaussian mixture models. *Structural Equation Modeling*, 27(6), 964-974. doi: 10.1080/10705511.2020.1718502
- DiStefano, C., Shi, D., & **Morgan, G. B.** (2020). Collapsing categories is often more advantageous than modeling sparse data: Investigations in the CFA framework. *Structural Equation Modeling*. doi: 10.1080/10705511.2020.1803073
- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2020). Multilevel CFA with ordered categorical data: A simulation study comparing fit indices across robust estimation methods. *Structural Equation Modeling*. doi: 10.1080/10705511.2020.1759426
- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2020). Using the eRm Package for Rasch modeling. *Measurement: Interdisciplinary Research and Perspectives*, 18 (3), 163-176.
- Andretta, J. R., **Morgan, G. B.**, Wells, K. E.<sup>1</sup>, & McKay, M. T. (2020). A Latent Transition Analysis of Perceived Parental Security Profiles Across 33 Months of Adolescence. *Family Relations*, 69 (2), 247-261.
- Benson, N. F., Floyd, R. G., Kranzler, J. H., Eckert, T. L., Fefer, S. A., & **Morgan, G. B.** (2020). On the Declining Use of Projective Techniques in School Psychology: A Response to Piotrowski (2019). *SIS Journal of Projective Psychology and Mental Health*, 27, 57-60.
- D'Amico, M. M., **Morgan, G. B.**, Thornton, Z. M., & Bassis, V. (2020). Noncredit Education Enrollment and Outcomes: Exploring the "Black Box" of Noncredit Community College Education. *Career and Technical Education Research*, 45 (2), 17-38.
- Stamatis, A., Grandjean, P., **Morgan, G. B.**, Padgett, R. N.<sup>1</sup>, Cowden, R., & Koutakis, P. (2020). Developing and training mental toughness in sport: a systematic review and meta-analysis of observational studies and pre-test and post-test experiments. *BMJ Open Sport & Exercise Medicine*, 6 (1), e000747.
- Stamatis, A., **Morgan, G. B.**, Papadakis, Z., Mougios, V., Bogdanis, G., & Spinou, A. (2019). Cross-Cultural Invariance of the Mental Toughness Index among American and Greek Athletes. *Current Psychology*.
- Hodge, K. J.<sup>1</sup>, & **Morgan, G. B.** (2019). Proficiency Classification and Violated Local Independence: An Examination of Pass/Fail Decision Accuracy under Competing Rasch Models. *Journal of Applied Testing Technology*, 21 (1), 25-42.

- Dombrowski, S. C., McGill, R. J., & **Morgan, G. B.** (2019). Monte Carlo Modeling of Contemporary Intelligence Test (IQ) Factor Structure: Implications for IQ Assessment, Interpretation, and Theory. *Assessment*.
- McKay, M. T., **Morgan, G. B.**, Wells, K. E.<sup>1</sup>, Worrell, F. C., Cole, J. C., & Andretta, J. R. (2019). The influence of time attitudes on adolescent alcohol use behaviours: a 33-month prospective study in the United Kingdom. *Addiction Research & Theory*, 27 (3), 189-197.
- Andretta, J. R., **Morgan, G. B.**, Cantone, J. A., & Renbarger, R. L.<sup>1</sup> (2019). Applying statistics to the gatekeeping of expert evidence: Introducing the Structured Statistical Judgement (SSJ). *Behavioral Sciences & the Law*, 37 (2), 133-144.
- Benson, N. F., Floyd, R. G., Kranzler, J. H., Eckert, T. L., Fefer, S. A., & **Morgan, G. B.** (2019). Test use and assessment practices of school psychologists in the United States: Findings from the 2017 National Survey. *Journal of School Psychology*, 72, 29-48.
- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2019). An Examination of Sensitivity to Measurement Error in Rasch Residual-based Fit Statistics. *Journal of Applied Measurement*, 20 (4), 354-366.
- Miars, C. W., Stamatis, A.<sup>1</sup>, **Morgan, G. B.**, & Drezner, J. A. (2018). Cardiovascular screening practices and attitudes from the NCAA autonomous "Power" 5 conferences. *Sports Health*, 10 (6), 547-551.
- Couch, T.<sup>2</sup>, Peterson, M., Bowden, R. G., **Morgan, G. B.**, Griggs, J., & Wilson, R. (2018). Risk predictors for hospital readmission in a low socio-economic and underserved population. *Journal of Hospital Administration*, 7 (1), 27-34.
- Stamatis, A.<sup>1</sup>, Robinson, E. L., & **Morgan, G. B.** (2018). Mental toughness in collegiate strength and conditioning: Widely used, widely misunderstood. *International Research in Higher Education*, 3 (2), 35-50.
- Walsh, S.<sup>1</sup>, Umstattd Meyer, M. R., **Morgan, G. B.**, Bowden, R. G., Doyle, E., & Gordon, P. M. (2018). Applying the theory of planned behavior to sedentariness and stress. *Health Behavior Research*, 1 (3).
- Maridal, J. H., Palich, L., **Morgan, G. B.**, Gardner, S., & McKinney, J. (2018). A comprehensive inventory of standards and review of worldwide wellbeing indices. *Ecological Economics*, 149 (C), 1-11.
- Hodge, K. J.<sup>1</sup>, & **Morgan, G. B.** (2017). Stability of INFIT and OUTFIT compared to simulated estimates in applied settings. *Journal of Applied Measurement*, 18 (4).
- Wells, K. E.<sup>1</sup>, McKay, M. T., **Morgan, G. B.**, & Worrell, F. (2018). Time attitudes predict changes in adolescent self-efficacy: A 24-month latent transition mover-stayer analysis. *Journal of Adolescence*, 62, 27-37.
- Morgan, G. B.**, & Renbarger, R. L.<sup>1</sup> (2018). Nonexperimental designs. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation* (B. Frey, Ed.). Thousand Oaks, CA: Sage.

- Morgan, G. B.**, & Renbarger, R. L.<sup>1</sup> (2018). Posttest only control group design. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation* (B. Frey, Ed.). Thousand Oaks, CA: Sage.
- Renbarger, R. L.<sup>1</sup>, & **Morgan, G. B.** (2018). Norming. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation* (B. Frey, Ed.). Thousand Oaks, CA: Sage.
- Tipton, R. J.<sup>1</sup>, & **Morgan, G. B.** (2018). Post-hoc analysis. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation* (B. Frey, Ed.). Thousand Oaks, CA: Sage.
- Wells, K. E.<sup>1</sup>, **Morgan, G. B.**, Worrell, F. C., Sumnall, H. R., & McKay, M. T. (2018). The influence of time attitudes on alcohol-related attitudes, behaviors and subjective life expectancy in early adolescence: A longitudinal examination using mover-stayer latent transition analysis. *International Journal of Behavioral Development*, 42 (1), 93-105.
- Morgan, G. B.**, Moore, C. A.<sup>1</sup>, & Floyd, H. S.<sup>1</sup> (2017). On using simulations to inform decision making during instrument development. *Journal of Psychoeducational Assessment*, 36 (1), 82-94.
- Morgan, G. B.**, Wells, K. E.<sup>1</sup>, Andretta, J. R., & McKay, M. T. (2017). Temporal attitudes profile transition among adolescents: A longitudinal examination using mover-stayer latent transition analysis. *Psychological Assessment*, 29 (7), 890-901.
- D'Amico, M. M., **Morgan, G. B.**, Katsinas, S. G., Adair, J. L., & Miller, M. T. (2017). A national analysis of noncredit community college education: Enrollment, funding, accountability, and contextual issues. *Community College Journal of Research and Practice*, 41 (4-5), 288-302.
- Tinsley, G. M.<sup>1</sup>, Forsse, J. S.<sup>1</sup>, Butler, N. K., Paoli, A., Bane, A. A.<sup>1</sup>, La Bounty, P. M., **Morgan, G. B.**, & Grandjean, P. W. (2017). Time-restricted feeding in young men performing resistance training: A randomized controlled trial. *European Journal of Sport Science*, 17 (2), 200-207.
- Hartlep, N. D., Ball, D., Theodosopolos, K., Wells, K. E.<sup>1</sup>, & **Morgan, G. B.** (2016). A national analysis of endowed chairs and distinguished professors in the field of education. *Educational Studies*, 52 (2), 119-138.
- Beaujean, A. A., & **Morgan, G. B.** (2016). Tutorial on using regression models with count outcomes for school psychologists. *Practical Assessment, Evaluation, and Research*, 21 (2). Available online: <http://pareonline.net/getvn.asp?v=21&n=2>
- Morgan, G. B.**, DiStefano, C., & Motl, R. W. (2016). Examining differences in method effects related to negative wording: An example using Rasch mixture modeling. *Journal of Applied Measurement*, 17 (4).
- Morgan, G. B.**, Hodge, K. J.<sup>1</sup>, & Baggett, A. R.<sup>1</sup> (2016). Latent profile analysis with nonnormal mixtures: A Monte Carlo examination of model selection accuracy. *Computational Statistics & Data Analysis*, 93, 146-161.

- Gallucci, A. R., Martin, R. J.<sup>1</sup>, & **Morgan, G. B.** (2016) The consumption of energy drinks among a sample of college students and college student athletes. *Journal of Community Health*, 41(1), 109-118.
- Clendennen, S. L.<sup>1</sup>, Bowden, R. G., Griggs, J. O., **Morgan, G. B.**, & Umstattd Meyer, M. R. (2015). Risk factors of hospital readmission in an underserved low socio-economic population. *Hospital Practice*, 43(5), 284-289.
- D'Amico, M. M., & **Morgan, G. B.** (2015). Turning data into information: Helping community colleges use existing data to advance student success. *Journal of Applied Educational and Policy Research*, 1 (2), 77-81. Originally published as a part of the CEME Forum.
- Morgan, G. B.**, Hodge, K. J.<sup>1</sup>, Wells, K. E.<sup>1</sup>, & Watkins, M. W. (2015). Are fit indices biased in favor of bi-factor models in cognitive ability research?: A comparison of fit in correlated factors, higher-order, and bi-factor models via Monte Carlo simulations. *Journal of Intelligence*, 3, 2-20. doi:10.3390/jintelligence3010002
- Walsh, S. M.<sup>1</sup>, Umstattd Meyer, M. R., Stamatis, A.<sup>1</sup>, & **Morgan, G. B.** (2015). Why women sit: Determinants of leisure sitting time for working women. *Women's Health Issues*, 25(6), 673-679.
- D'Amico, M. M., **Morgan, G. B.**, Katsinas, S. G., & Friedel, J. N. (2015). State director views on community college workforce development. *Career and Technical Education Research*, 39, 191-211. doi:10.5328/cter39.3.191
- McKay, M. T., **Morgan, G. B.**, van Exel, N. J., & Worrell, F. C. (2015). Back to "the future": Evidence of a bifactor solution for the Consideration of Future Consequences Scale. *Journal of Personality Assessment*, 29, 1-8. doi:10.1080/00223891.2014.999338
- Morgan, G. B.** (2015). Mixed mode latent class analysis: An examination of fit index performance for classification. *Structural Equation Modeling*, 22, 76-86.
- Morgan, G. B.**, D'Amico, M. M., & Hodge, K. J.<sup>1</sup> (2015). Major differences: Modeling profiles of community college persisters in career clusters. *Quality & Quantity*, 49 (1), 1-20. doi: 10.1007/s11135-013-9970-x
- Morgan, G. B.**, & Beaujean, A. A. (2014). An investigation of growth mixture models for studying the Flynn Effect. *Journal of Intelligence*, 2, 156-179.
- Morgan, G. B.**, Hodge, K. J.<sup>1</sup>, Trepinski, T. M.<sup>1</sup>, & Anderson, L. W. (2014). The stability of teacher performance and effectiveness: Examining some fundamental assumptions of teacher evaluation systems. *Educational Policy & Analysis Archives*, 22 (95).
- Umstattd Meyer, M. R., Walsh, S. M.<sup>1</sup>, Sharkey, J. R., **Morgan, G. B.**, & Nalty, C. C. (2014). Physical and social environmental characteristics of physical activity for Mexican origin children: Examining differences between school year and summer perceptions. *BMC Public Health*, 14.
- D'Amico, M. M., **Morgan, G. B.**, Robertson, S., & Houchins, C. (2014). Enrollment patterns in noncredit education: Exploring a critical workforce development function in the community college. *Journal of Continuing Higher Education*, 62, 152-162.

- Morgan, G. B.**, Zhu, M., Johnson, R. L., & Hodge, K. J.<sup>1</sup> (2014). Interrater reliability indices commonly used in scoring student essays: A Monte Carlo investigation of index accuracy. *Language Assessment Quarterly*, 11 (3), 302-324. doi: 10.1080/15434303.2014.937486
- DiStefano, C., & **Morgan, G. B.** (2014). A comparison of diagonal weighted least squares robust estimation techniques for ordinal data. *Structural Equation Modeling*, 21 (3), 424-438.
- Hartlep, N. D., & **Morgan, G. B.** (2013). An exploratory study of the restricted-use ELS:2002 dataset: Using finite mixture modeling as a way to problematize the "model minority stereotype". *International Journal of Research in Education Methodology*, 3, 295-304.
- Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Kromrey, J. D., Ferron, J. M., & Loudermilk, B. L. (2013). How low can you go?: An investigation of the influence of sample size and model complexity on point and interval estimates in two-level linear models. *Methodology*, 10(1), 1-11. doi: 10.1027/1614-2241/a000064
- D'Amico, M. M., **Morgan, G. B.**, Robertson, T., & Rivers, H. E. (2013). The persistence of dually enrolled students continuing at technical/community colleges. *Community College Journal of Research and Practice*, 37, 769-779.
- Kettler, R. J., Dickenson, T. S., Bennett, H. L., **Morgan, G. B.**, Gilmore, J. A., Beddow, P. A., . . . Palmer, P. W. (2012). Enhancing the accessibility of high school science tests: A multi-state experiment. *Exceptional Children*, 79 (1), 91-106.
- Valerio, W., Reynolds, A., **Morgan, G. B.**, & McNair, A. (2012). Construct validity of the parent-completed children's Music-Related Behavior Questionnaire. *Journal of Research in Music Education*, 60 (2), 186-200.
- DiStefano, C., **Morgan, G. B.**, & Motl, R. W. (2012). An examination of personality characteristics related to acquiescence. *Journal of Applied Measurement*, 13 (1), 41-56.
- D'Amico, M. M., **Morgan, G. B.**, & Rutherford, G. (2011). The timing of pre-enrollment activities and predicting technical/community college student success. *Journal of Applied Research in Community Colleges*, 19(1), 35-41.
- DiStefano, C., & **Morgan G. B.** (2011). Examining classification criteria: A comparison of three cut score methods. *Psychological Assessment*, 23 (2), 354-363.
- D'Amico, M. M., **Morgan, G. B.**, & Robertson, T. (2011). Student achievement in identified workforce clusters: Understanding factors that influence student success and retention. Community College. *Journal of Research and Practice*, 35, 773-790.
- Bell, B. A., DiStefano, C., & **Morgan, G. B.** (2010). A primer on disseminating applied quantitative research. *Journal of Early Intervention*, 32 (5), 370-383.
- DiStefano, C., & **Morgan, G. B.** (2010). Evaluation of the BESS TRS-CA using the Rasch Rating Scale Model. *School Psychology Quarterly*, 25 (4), 202-212.
- Morgan, G. B.**, Sherlock, J. J., & Ritchie, W. J. (2010). Job satisfaction in the home health care context: Validating a customized instrument for application. *Journal of Healthcare Management*, 55 (1), 11-21.

- Morgan, G. B.**, Anderson, C. K., & Tobolowsky, B. F. (2010). Using short stories in higher education courses. *Academic Exchange Quarterly*, 14 (1).
- Sherlock, J. J., & **Morgan, G. B.** (2009). Using provocative statement assignments to foster critical thinking in the management classroom. *Journal of Leadership Education*, 8 (2), 188-205.
- Yelton, B. T., Plonski, P, & **Morgan G. B.** (2006). What makes you think you're so great?: Creating an organizational model for CTP success. *Connections*, 15(6).
- Sherlock, J. J., & **Morgan, G. B.** (2005). The book critique assignment: A powerful tool for management education. *Academic Exchange Quarterly*, 9 (4), 161-166.

### **Book Chapters**

- Padilla, K.L., & **Morgan, G. B.** (in press). Introduction to statistics. In L. Toby & E. Ranade (Eds.), *Psychology essentials for behavior analysts*. Routledge.
- Morgan, G. B.**, Padgett, R. N.<sup>1</sup>, & Wells, K. E.<sup>1</sup> (2021). Detecting and interpreting response bias and method effects. In Eds. U. Luhanga & A. G. Harbaugh (Eds.), *Basic elements of survey research in education: Addressing the problems your advisor never told you about*. Charlotte, NC: Information Age.
- Beaujean, A. A., & **Morgan, G. B.** (2016). Latent variable models. In M. Kaptein & J. Robertson (Eds.). *Modern statistical methods for human-computer interaction*. New York, NY: Springer.
- Johnson, R. L., & **Morgan, G. B.** (2016). Item types, response formats and consequences for statistical investigations. In K. Schweizer & C. DiStefano (Eds.). *Test construction: Standards and recent advancements*. Boston, MA: European Association of Psychological Assessment and Hofgreffe Publishing.
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- Morgan, G. B.**, Stamatis, A., Moreno, P. J. F., Pineda, L. T. B., & Sanchez, A. I. A. (2019, June). Cross-cultural Invariance Of The Mental Toughness Index Among American And Mexican Athletes. *Medicine and Science in Sports and Exercise* (p. 736).
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- Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Loudermilk, B. L., Kromrey, J. D., & Ferron, J. M. (2010). Dancing the sample size limbo with mixed models: How low can you go? *Proceedings of the SAS® Global Forum 2010 Conference*. Cary, NC: SAS Institute Inc.

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- Technical Reports and Other, Non-refereed Publications**
- Morgan, G. B.**, & Moore, C. A.<sup>1</sup> (2016). *Review of Applied Psychometrics Using SAS. Teachers College Record*. Retrieved from <http://www.tcrecord.org/Content.asp?ContentID=21721>
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- D'Amico, L. K., & **Morgan, G. B.** (2010). *An evaluation of teacher quality research (TQR) investment, implementation, and long-term student achievement effects*. Columbia, SC: Office of Program Evaluation.
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- Morgan, G. B.**, & Yelton, B. T. (2007). *North Carolina College Tech Prep data summary: Longitudinal, regional, and consortium size comparisons*. Charlotte, NC: Praxis Research, Inc.
- Yelton, B. T., Plonski, P., **Morgan, G. B.**, & Gilbert M. B., (2007). *The long road of longitudinal studies: Learning what to do and not to do along the way*. Charlotte, NC: Praxis Research, Inc.
- Sherlock, J. J., & **Morgan, G. B.** (2007). Employee recognition programs benefit DSPs and their employers. *Frontline Initiatives*, 7 (3), 1-3.
- Morgan, G. B.**, & Yelton, B. T. (2006). *North Carolina College Tech Prep: 2000 – 2004 Data summary*. Charlotte, NC: Praxis Research, Inc.
- Yelton, B. T., **Morgan, G. B.**, Karvonen, M., & Blackburn, B. (2006). *Duplin County STAR/Civic Profile Report*. Charlotte, NC: Praxis Research, Inc.
- Yelton, B. T., Plonski, P., & **Morgan, G. B.** (2006). *What makes you think you're so great? Creating an organizational model for CTP success using a mixed methodologies research approach*. Charlotte, NC: Praxis Research, Inc.
- Sherlock, J. J., & **Morgan, G. B.** (2004). Association CEOs and their board: Influence matters. *Association Forum*, 8 (10), 22-25.

### **Invited Addresses**

- Morgan, G. B. (2023, November). Examining the relationships between AI and exercise science. Presentation given for American College of Sports Medicine – Greater New York Chapter, New York, New York.
- Morgan, G. B. (2017, November). Regression with count outcomes. Colloquium given for the Graduate Association for Psychological Science, University of Texas at San Antonio, San Antonio, TX.
- Morgan, G. B. (2016, December). Model selection with non-Gaussian mixture models. Colloquium given for the Department of Statistical Sciences, Baylor University, Waco, TX.
- Morgan, G. B. (2015, October). Model selection with non-Gaussian mixture models. Colloquium given for the Quantitative Methods Division, University of Pennsylvania, Philadelphia, PA.
- Morgan, G. B. (2014, November). On the benefits and approaches to classification & clustering. Presentation given at the Inaugural Meeting of The Advances in Research Designs Symposium, University of North Texas, Denton, TX.
- Morgan, G. B. (2013, March). Finite mixture modeling with nonnormal or categorical indicators: A Monte Carlo examination of fit indices for model selection. Lecture given at the Quantitative Methods Colloquium, The Meadows Center for Preventing Educational Risk

and the Quantitative Methods Program in the Department of Educational Psychology, Austin, TX.

## Conference Presentations

### *National/International*

Eckert, J. & **Morgan, G. B.** (2025, April). *Gritty Optimism: Leading for Joy in Just Schools*. Paper presented at the 2025 Annual Conference of the American Educational Research Association, Denver, CO.

Eckert, J. & **Morgan, G. B.** (2023, April). *Collective leadership and STEM: Catalysts for school improvement*. Paper presented at the 2025 Annual Conference of the American Educational Research Association, Chicago, IL.

Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2023, April). *Regularizing threshold priors with sparse response patterns in Bayesian factor analysis with categorical indicators*. Paper presented at the 2023 Annual Conference of the American Educational Research Association, Chicago, IL.

Matsuo, H.<sup>1</sup> & **Morgan, G. B.** (2023, April). *Single- and double-cross validation for mode selection using fit indexes in latent profile analysis*. Paper presented at the 2023 Annual Conference of the American Educational Research Association, Chicago, IL.

Eckert, J. & **Morgan, G. B.** (2023, April). *Developing collective leadership for school improvement: The importance of partnerships and networks*. Paper presented at the 2023 Annual Conference of the American Educational Research Association, Chicago, IL.

Eckert, J., & **Morgan, G. B.** (2022, November 18). *Collective leadership and collective teacher efficacy in times of turbulence*. Paper presented at the University Council for Educational Administration Annual Conference, Seattle, WA.

Eckert, J. Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2022, April). Measuring collective leadership for readiness, implementation, and school improvement. Paper presented at the 2022 Annual Conference of the American Educational Research Association, San Diego, CA.

Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2021, April). Bias and efficiency of estimation in multilevel confirmatory factor models. Paper presented at the 2022 Annual Conference of the American Educational Research Association, Virtual.

Padgett, R. N.<sup>1</sup> & **Morgan, G. B.** (2020, Apr 17 - 21) Performance of Common Fit Indices Across Robust Estimation Methods for Multilevel Confirmatory Factor Analysis With Ordered Categorical Data [Paper Session]. AERA Annual Meeting San Francisco, CA (Conference Canceled).

Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2019, April). An examination of sensitivity to measurement error of Rasch residual-based fit statistics. Paper presented at the 2019 Annual Conference of the American Educational Research Association, Toronto, Ontario, Canada.

Moore, C. A.<sup>1</sup>, & **Morgan, G. B.** (2018, April). An Examination of Parameter Recovery in Latent Transition Models With Distal Outcomes Using the Three-Step Approach. Poster

- presented at the 2018 Annual Conference of the American Educational Research Association, New York, NY.
- Stamatis, A., Grandjean, P. W., & **Morgan, G. B.** (2018, May). Training Mental Toughness In Sport: A Review And Metaanalysis. Poster presented at the 2018 Annual Conference of American College of Sports Medicine, Minneapolis, MN.
- Morgan, G. B.**, Stamatis, A., Papadakis, Z., Mougios, V., Bogdanis, G., & Spinou, A. (2018, May). Cross-cultural Invariance Of The Mental Toughness Inventory Among American And Greek Athletes. Poster presented at the 2018 Annual Conference of American College of Sports Medicine, Minneapolis, MN.
- Morgan, G.B.**, Slobogin, C., & Andretta, J.R. (2018, March). A brief refresher on the most commonly reported statistics in the APA psychology and law journals & helpful statistical resources. Special Session presented at the 2018 Annual Meeting of the American Psychology-Law Society, Memphis, TN.
- Andretta, J.R., Sellbom, M., Fraley, E. M., & **Morgan, G. B.** (2017, March). The application of statistics in determining what empirical research to proffer in framework evidence testimony. Paper presented at the 2017 Annual Meeting of the American Psychology-Law Society, Atlanta, GA.
- Sulak, T. N., **Morgan, G. B.**, Padilla-Mainor, K. <sup>1</sup>, & Floyd, H. <sup>1</sup> (2017, April). The Effect of Attention Deficit Hyperactivity Disorder Diagnosis on Social Factors: A Causal Model Using Propensity Score Analysis. Roundtable presented to the 2017 Annual Conference of the American Educational Research Association, San Antonio, TX.
- Renbarger, R. <sup>1</sup>, **Morgan, G. B.**, & Sulak T. N. (2017, April). The importance of teacher credentials for early achievement: A replication study. Paper submitted to the 2017 Annual Conference of the American Educational Research Association, San Antonio, TX.
- D'Amico, M. M., Katsinas, S. G., & **Morgan, G. B.** (2016, April). Noncredit education: The national landscape. Paper presented the 2016 Annual Meeting of the Council for the Study of Community Colleges, Dallas, TX.
- Morgan, G. B.**, Wells, K. E. <sup>1</sup>, & McDermott, P. A. (2016, April). Examination of Socioemotional adjustment trajectories in early childhood: Application of multilevel latent transition mixture modeling. Paper presented at the 2016 Annual Conference of the American Educational Research Association, Washington, D.C.
- Hodge, K. J. <sup>1</sup>, & **Morgan, G. B.** (2016, April). Testlet effects on pass/fail decisions under competing Rasch models. Paper presented at the 2016 Annual Conference of the American Educational Research Association, Washington, D.C.
- D'Amico, M. M., **Morgan, G. B.**, & Katsinas, S. G. (2016, April). Noncredit community college education: A national analysis of funding policy, accountability, enrollment, and contextual issues. Paper presented at the 2016 Annual Conference of the American Educational Research Association, Washington, D.C.

- DiStefano, C. **Morgan, G. B.**, & Sherlock, P. (2015, July). Examining fit in covariance modeling with ordinal data. Paper presented at the 13th European Conference on Psychological Assessment, Zurich, Switzerland.
- Styck, K. M., & **Morgan, G. B.** (2015, April). Behavioral outcomes of early exposure to violence. Paper presented at the 2015 Annual Conference of the American Educational Research Association [Distinguished Paper Session], Chicago, IL.
- Morgan, G. B.**, & Johnson, R. L., & Hodge, K. J. <sup>1</sup> (2015, April). Estimating inter-rater reliability using latent variable modeling and incomplete data. Paper presented for the 2015 Annual Conference of the American Educational Research Association, Chicago, IL.
- Morgan, G. B.**, DiStefano, C., & Leighton, E. (2015, April). Multiple scales, multiple categories: Investigating potential bias with robust estimation. Paper presented at the 2015 Annual Conference of the American Educational Research Association, Chicago, IL.
- Hodge, K. J. <sup>1</sup>, Wells, K. E. <sup>1</sup>, & **Morgan, G. B.** (2015, April). Are fit indices biased in favor of bi-factor models?: A comparison of fit in correlated factors, higher-order, and bi-factor models via Monte Carlo simulations. Paper presented at the 2015 Annual Conference of the National Council on Measurement in Education, Chicago, IL.
- Wells, K. E. <sup>1</sup>, Hodge, K. J. <sup>1</sup>, & **Morgan, G. B.** (2015, April). A comparison of modeling strategies for latent class analysis with mixed-metric indicators. Paper presented at the 2015 Annual Conference of the American Educational Research Association, Chicago, IL.
- Farah, Y. N. <sup>1</sup>, Scalzo, R. <sup>1</sup>, & **Morgan, G. B.** (2015, April). Effect of type of questions on the number of responses from gifted students in cluster classes. Roundtable paper presented the 2015 Annual Conference of the American Educational Research Association, Chicago, IL.
- DiStefano, C., **Morgan, G. B.**, & Leighton, E. A. (2014, July). How does robust estimation handle ordinal data arising from multiple scales? Paper presented at the 2014 Annual Conference of the Psychometric Society, Madison, WI.
- Morgan, G. B.**, Hodge, K. J. <sup>1</sup>, & Trepinski, T. M. <sup>1</sup> (2014, April). Examining some fundamental assumptions of teacher evaluation systems: An investigation of teacher performance and effectiveness. Poster presented at the 2014 Annual Conference of the American Educational Research Association, Philadelphia, PA.
- Hodge, K. J. <sup>1</sup>, & **Morgan, G. B.** (2014, April). Psychometric investigation of a professional licensure clinical exam. Paper presented at the 2014 Annual Conference of the American Educational Research Association, Philadelphia, PA.
- Reynolds, A. M., Valerio, W. H., & **Morgan, G. B.** (2014, April). Investigating discriminant functions of the Children's Music Behavior Inventory. Roundtable accepted for presentation at the 2014 Annual Conference of the American Educational Research Association, Philadelphia, PA.

- Umstattd-Meyer, R., Walsh, S. <sup>1</sup>, & **Morgan, G. B.** (2014, March). Why women sit: Determinants of discretionary sitting time in a female worksite population. Poster presented at the 2013 Annual Conference of the American Academy of Health Behavior, Charleston, SC.
- Baggett, A. R. <sup>1</sup>, & **Morgan, G. B.** (2013, August). An examination of the effects of NCAA aluminum bat restrictions on offensive team performance, 2010-2011. Paper presented at the 2013 Annual Conference of the Joint Statistical Meetings, Montreal, Quebec, Canada.
- Morgan, G. B.**, & Baggett, A. R. <sup>1</sup> (2013, April). Finite Mixture Modeling with Non-normal Indicators: A Monte Carlo Examination of Fit Indices for Model Selection. Paper presented at the 2013 Annual Conference of the American Educational Research Association, San Francisco, CA.
- Karkee, T. B., Santonato, F. M., & **Morgan, G. B.** (2013, April). Assessing Validity Evidence of Benchmark Assessments. Paper presented at the 2013 Annual Conference of the American Educational Research Association, San Francisco, CA.
- Dickenson, T. D., Lotter, C. R., & **Morgan, G. B.** (2013, April). The Impact of Professional Development in Inquiry-Based Instruction on Self-Efficacy for Middle-Level Science Teachers. Paper presented at the 2013 Annual Conference of the American Educational Research Association, San Francisco, CA.
- Dickenson, T. S., Monrad, D. M., **Morgan, G. B.**, Ishikawa, T., Bennett, H. L., Ene, M., ..., & Wills, P. (2013, April). Analysis of the Effectiveness of Summer Reading to Mitigate Learning Loss. Paper presented at the 2013 Annual Conference of the American Educational Research Association, San Francisco, CA.
- Morgan, G. B.** (2012, April). Examining the effects of design factors on fit indices used with mixed mode finite mixture models. Paper presented at the 2012 Annual Conference of the American Educational Research Association, Vancouver, BC.
- Morgan, G. B.**, Dickenson, T. D., & Young, J. E., (2012, April). Investigation of reading intervention effectiveness using propensity score matching. Paper presented at the 2011 Annual Conference of the American Educational Research Association, Vancouver, BC.
- DiStefano, C., & **Morgan, G. B.** (2012, April). Examining alternative strategies to accommodate categorical data. Paper presented at the 2012 Annual Conference of the American Educational Research Association, Vancouver, BC.
- Bell, B. A., Schoeneberger, J. A., **Morgan, G. B.**, Zhu, M., Kromrey, J. D., & Ferron, J. M. (2012, April). Sample size and model complexity: Impact and implications for variance estimates in two-level models. Paper presented at the 2012 Annual Conference of the American Educational Research Association, Vancouver, BC.
- Dickenson, T. S., Monrad, D. M., **Morgan, G. B.**, Bennett, H. L., Doswell, B., & Wills, P. (2012, April). Evaluation of a summer reading project's effectiveness to mitigate learning loss. Poster presented at the 2012 Annual Conference of the American Educational Research Association, Vancouver, BC.

- D'Amico, M. M., **Morgan, G. B.**, Robertson, S., & Houchins, C. (2012, April). Exploring noncredit enrollment patterns in community colleges. Poster presented at the 2011 Annual Conference of the Association for the Study of Higher Education, Charlotte, NC.
- Bell, B. A., Schoeneberger, J. A., **Morgan, G. B.**, Zhu, M., Ferron, J. M., & Kromrey, J. D. (2011, May). Hierarchical vs. contextual models: Sample size, model complexity, and the 30:30 rule. Paper presented to the 2011 Annual Conference of Modern Modeling Methods.
- Bell, B. A., **Morgan, G. B.**, Zhu, M., & Schoeneberger, J. A. (2011, April). Statistical power and multiple-baseline data: A Monte Carlo examination of alternative multilevel modeling approaches. Paper presented to the 2011 Annual Conference of the American Educational Research Association.
- Dickenson, T. S., Bennet, H. L., Beddow, P. A., Kettler, R. J., **Morgan, G. B.**, & Gilmore, J. A. (2011, April). Enhancing the accessibility of high school science tests: A multi-state experiment on AA-MAS validity. Paper presented to the 2011 Annual Conference of the National Council on Measurement in Education.
- Johnson, R. L., **Morgan G. B.**, & Zhu, M. (2010, November). Estimating rater consistency: Which method is appropriate? Demonstration given at the 2010 Annual Conference of the American Evaluation Association, San Antonio, TX.
- D'Amico, L., **Morgan, G. B.**, Pawloski, T., & McWayne, J. (2010, November). Methods for developing a mastery assessment. Paper presented at the 2010 Annual Conference of the American Evaluation Association, San Antonio, TX.
- Bennett, H. L., Gilmore, J. A., & **Morgan, G. B.** (2010, November). Coding open-ended survey items: A discussion of codebook development and coding procedures. Paper presented at the 2010 Annual Conference of the American Evaluation Association, San Antonio, TX.
- Bell, B. A., **Morgan, G. B.**, Kromrey, J. D., & Ferron, J. M. (2010, August). The impact of small cluster size on multilevel models: A Monte Carlo examination of two-level models with binary and continuous predictors. Poster presented at the 2010 Annual Joint Statistical Meetings, Vancouver, British Columbia.
- DiStefano, C., & **Morgan, G. B.** (2010, July). A mixed Rasch modeling investigation of the Rosenberg Self-Esteem Scale. Paper presented at the IV European Congress on Methodology, Potsdam, Germany.
- Morgan, G. B.** (2010, May). Using a care provider instrument to better understand validation methods. Paper presented at the 2010 Annual Conference of the American Educational Research Association, Denver, CO.
- Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Ferron, J. M., & Kromrey, J. D. (2010, May).  $N \leq 30$ : Impact of small level-1 and level-2 sample sizes on estimates in two-level models. Paper presented at the 2010 Annual Conference of the American Educational Research Association, Denver, CO.
- Karvonen, M., Rao, V., **Morgan, G. B.**, & Payne, J. R. (2010, May). Relationships between curricular priorities, instructional practices, and statewide assessment scores for students eligible for AA-MAS. Roundtable session presented at the 2010 Annual Conference of the American Educational Research Association, Denver, CO.

- DiStefano, C., & **Morgan, G. B.** (2010, May). Evaluation of a children's mental health screening instrument using Rasch rating scale methods. Paper presented at the 2010 Annual Conference of the American Educational Research Association, Denver, CO.
- Bell, B. A., Schoeneberger, J. A., **Morgan, G. B.**, Ferron, J. M., & Kromrey, J. D. (2010, April).  $N \leq 30$ : Impact of small level-1 and level-2 sample sizes on estimates in two-level models. Poster presented at the 2010 Annual Conference of SAS Global Forum.
- Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Ferron, J. M., & Kromrey, J. D. (2010, April). Fundamental diagnostics for two-level mixed models: The SAS macro MIXED DX. Poster presented at the 2010 Annual Conference of SAS Global Forum.
- D'Amico, L., **Morgan, G. B.**, & Yap, C. C. (2009, November). Best practices in professional development: Understanding the impacts of teacher investment and implementation. Paper presented at the 2009 Annual Conference of American Evaluation Association, Orlando, FL.
- Morgan, G. B.**, & D'Amico, M. M. (2009, November). Can't see the forest for the trees: Looking beyond established career education evaluation measures toward the context for program and policy change. Paper presented at the 2009 Annual Conference of American Evaluation Association, Orlando, FL.
- Morgan, G. B.** (2009, November). Understanding arts infusion efforts using the AIC-Measuring Tool. Paper presented at the 2009 Annual Conference of American Evaluation Association, Orlando, FL.
- Rao, V., **Morgan, G. B.**, Payne, J. R., & Yap, C. C. (2009, November). Using a multifaceted approach to investigate innovative assessments for students with special needs. Paper presented at the 2009 Annual Conference of American Evaluation Association, Orlando, FL.
- Morgan, G. B.**, Moshman, S., Hammond, L., & Yap, C. C. (2008, November). State legislative action to improve student health: South Carolina establishes state-wide health education program assessment. Paper presented at the 2008 Annual Conference of the American School Health Association, Tampa, FL.
- D'Amico, M. M., **Morgan, G. B.**, & Robertson, T. (2008, November). Students from start to finish: Identifying success factors within workforce clusters. Paper presented at the 2008 Annual Conference on Students in Transition, Columbia, SC.
- Morgan, G. B.**, Rao, V., Yap, C. C., & Beyer, C. (2008, November). Bridging the gap between policy and practice: Health education program evaluation in South Carolina. Paper presented at the 2008 Annual Conference of the American Evaluation Association, Denver, CO.
- Yelton, B. T., Plonski, P., **Morgan, G. B.**, & Gilbert, M. B. (2007, November). The long road of longitudinal studies: Learning what to do and not to do along the way. Paper presented at the 2007 Annual Conference of the American Evaluation Association, Baltimore, MD.
- Yelton, B. T., **Morgan, G. B.**, & Plonski, P. (2007, November). Using longitudinal data at the statewide level: North Carolina's experience. Paper presented at the 2007 Annual Conference of the National Career Pathways Network, Louisville, KY.

- Sherlock, J. J., **Morgan, G. B.**, & Shows, L. (2007, June). Using provocative statements in management education: An exercise to develop effective introspection, communication, and critical thinking. Paper presented at the 2007 Annual Conference of the Organization Behavioral Teachers Society, Malibu, CA.
- Sherlock, J. J. & **Morgan, G. B.** (2007, March). Training and development of low-income workers: A case study of a holistic approach. Paper presented at the 2006 international conference of the Academy of Human Resources Development, Indianapolis, IN.
- Sherlock, J. J. & **Morgan, G. B.** (2007, August) Using provocative statement assignment to foster critical thinking in the management classroom. Paper presented at the 2007 Annual Meeting of the Academy of Management, Philadelphia, PA.
- Morgan, G. B.** & Sherlock, J. J. (2006, November). Evaluation challenges in organizational field research. Poster presented at the 2006 Annual Conference of the American Evaluation Association, Portland, OR.
- Morgan, G. B.** & Yelton, B. T. (2006, November). Using social network analysis to understand how professional development transfers to the classroom. Poster presented at the 2006 Annual Conference of the American Evaluation Association, Portland, OR.
- Sherlock, J. J., **Morgan, G. B.**, & Karvonen, M. (2006, February). Addressing a national turnover problem from an HRD perspective: A field study of direct care workers. Paper presented at the 2006 international conference of the Academy of Human Resources Development Research, Columbus, OH.
- Sherlock, J. J. & **Morgan, G. B.** (2005, June). Book review assignment: A tool to help students think critically and write persuasively. Paper presented at the 2005 Annual Conference of the Organizational Behavior Teaching Society, Scranton, PA.

### ***Regional/State***

- Ozkan, F. & **Morgan, G. B.** (2025, February). Studying the impact of parental influence on PIRLS 2021 results in Turkey using lasso regression. Paper presented at the 2025 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.** (2025, February). Developing and demonstrating your research agenda for getting a job and getting promoted. Paid Workshop given at the 2025 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.**, & Matsuo, H.<sup>1</sup> (2024, February). Putting Statistical Assumptions Back in their Place: A Guide to Nonparametric Statistics and Your Power to Make Whatever Assumptions You Want. Paid Workshop given at the 2024 Annual Meeting of the Southwest Educational Research Association, Arlington, TX.
- Morgan, G. B.**, Matsuo, H.<sup>1</sup>, & Ozkan, F. (2024, February). Comparing Relative Efficiency of Nonparametric to Parametric Methods using Monte Carlo Simulation in Two-Group Designs. Paper presented at the 2024 Annual Meeting of the Southwest Educational Research Association, Arlington, TX.
- Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2024, February). The Use of the Many Facets Rasch Model with Rater Effects. Paper presented at the 2024 Annual Meeting of the Southwest Educational Research Association, Arlington, TX.

- Morgan, G. B.**, Yager, C., Bollani, A., & Stamatis, A. (2023, September). AI-Driven Analysis of Diagnostic Profiles in COVID-19 Patients: Implications for Healthcare Interventions. Poster presented at the 2023 Annual Center for Artificial Intelligence in Radiological Sciences (CAIRS) Symposium, Louisville, KY.
- Hutchins, S., & **Morgan, G. B.** (2023, February). How to Collaborate with a Methodologist Workshop presented at the 2023 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2023, February). Class Enumeration Accuracy of Double Cross-Validated Fit Indices in Latent Profile Analysis. Paper presented at the 2023 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.**, & Matsuo, H.<sup>1</sup> (2023, February). On the Use of Normal Replacement Scores when Normality Assumption is Violated. Workshop presented at the 2023 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2023, February). Mixture Item Response Theory in Different Response Styles. Paper presented at the 2023 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2022, February). How to collaborate with a methodologist. Workshop presented at the 2022 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2022, February). Class enumeration accuracy of cross-validated fit indices in latent profile analysis. Paper presented at the 2022 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2022, February). Introduction to Bayesian methods: On Making inferences when conducting confirmatory factor analysis. Workshop presented at the 2022 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Morgan, G. B.**, & Padgett, R. N.<sup>1</sup> (2021, February). How to use Simulation Methods to Conduct Power Analysis. Workshop presented at the 2021 Annual Meeting of the Southwest Educational Research Association, Virtual.
- Padgett, R. N.<sup>1</sup>, Shero, L.<sup>1</sup>, Jiang, S.<sup>1</sup>, Matsuo, H.<sup>1</sup>, Tomek, S., & **Morgan, G. B.** (2021, February). Studying Developmental Growth with Multilevel Models for Linear and Categorical Change. Paper presented at the 2021 Annual Meeting of the Southwest Educational Research Association, Virtual.
- Shero, L.<sup>1</sup>, Padgett, R. N.<sup>1</sup>, Matsuo, H.<sup>1</sup>, & **Morgan, G. B.** (2021, February). Comparing Relative Efficiency of Nonparametric to Parametric Methods using Monte Carlo Simulation. Paper presented at the 2021 Annual Meeting of the Southwest Educational Research Association, Virtual.

- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2021, February). Using Rmarkdown for Reproducible Research and Class Notes Organization. Workshop presented at the 2021 Annual Meeting of the Southwest Educational Research Association, Virtual.
- Padgett, R. N.<sup>1</sup>, & **Morgan, G. B.** (2020, February). Using R for Rasch Modeling: A Tutorial using the Extended Rasch Modeling (eRm) Package. Workshop presented at the 2020 Annual Meeting of the Southwest Educational Research Association, Arlington, TX.
- Padgett, R. N.<sup>1</sup>, **Morgan, G. B.**, Jiang, S., & Shero, L. (2019, February). Multilevel Factor Models: Model Specification and Fit Guidance. Paper presented at the 2019 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Renbarger, R. L.<sup>1</sup>, **Morgan, G. B.**, & Jiang, S. (2019, February). Helping Underrepresented Students Enroll in Graduate School: A Multilevel Modeling Examination. Paper presented at the 2019 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.**, & Padgett, R. N.<sup>1</sup> (2019, February). Mixture Models: Introduction & Applications. Workshop presented at the 2019 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Mull, M., Renbarger, R. L.<sup>1</sup>, Matteson, S. M., **Morgan, G. B.**, & Nimon, K. (2019, February). Teaching Research Methods: Innovation in the Pedagogy of Quantitative and Qualitative Courses. Workshop presented at the 2019 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.**, Wells, K. E.<sup>1</sup>, & Padgett, R. N.<sup>1</sup> (2018, February). Multilevel latent transition mixture modeling for organizational models: A simulation. Paper presented at the 2018 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Renbarger, R.<sup>1</sup>, **Morgan, G. B.**, & Sulak, T. N. (2017, February). Resilience in Costa Rica: Validation of the Child and Youth Resilience Measure (CYRM). Paper presented at the 2017 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Tipton, R.<sup>1</sup>, & **Morgan, G. B.** (2017, February). Using Receiver Operating Characteristic Curves and Simulation for Instrument Development. Paper presented at the 2017 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Morgan, G. B.**, & Renbarger, R.<sup>1</sup> (2017, February). Help! My Data Aren't Normal and I Don't Know What To Do: An Introduction to Nonparametric Statistics. Workshop presented at the 2017 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.
- Renbarger, R.<sup>1</sup>, **Morgan, G. B.**, & Sulak, T. N. (2017, February). Cultural differences: An investigation on resilience in Costa Rica Paper presented at the 2017 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.

- Morgan, G. B., & Wells, K. E.**<sup>1</sup> (2016, February). An introduction to a unified approach to longitudinal analysis. Workshop presented at the 2016 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Morgan, G. B., Wells, K. E.**<sup>1</sup>, & Floyd, H.<sup>1</sup> (2016, February). When do fit indices become useful for finite mixture model selection?: A Monte Carlo examination of class separation. Paper presented at the 2016 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
- Styck, K. M., & **Morgan, G. B.** (2015, February). Behavioral outcomes of early exposure to violence. Paper presented at the 2015 Annual Conference of the Southwest Educational Research Association, San Antonio, TX.
- Hodge, K. J.<sup>1</sup>, **Morgan, G. B.**, & Trepinski, T. M.<sup>1</sup> (2013, October). Examining some fundamental assumptions of teacher evaluation systems: An investigation of teacher performance and effectiveness. Paper presented at the 2013 Annual Conference of Texas Education Intervention Research Collaborative, Lubbock, TX.
- Morgan, G. B.**, & Hodge, K. J.<sup>1</sup> (2013, March). Finite Mixture Modeling with Normal Score Corrected-Indicators: A Monte Carlo Examination of Fit Indices for Model Selection. Presentation given at the 2013 Texas Universities' Educational Statistics and Psychometrics Meeting, Austin, TX.
- Morgan, G. B.**, & Baggett, A. R.<sup>1</sup> (2013, February) Finite Mixture Modeling with Nonnormal Indicators: A Monte Carlo Examination of Fit Indices for Model Selection. Paper accepted for presentation at the 2013 Annual Conference of the Southwest Educational Research Association, San Antonio, TX.
- Baggett, A. R.<sup>1</sup> & **Morgan, G. B.** (2013, January). Re-conceptualizing the Major League Baseball strike zone: Exploring objective and subjective differences in Major League umpires' ball/strike decisions. Winter Meeting: Austin Chapter of the Society of American Baseball Research, San Marcos, TX.
- Morgan, G. B.**, Dickenson, T. S., & Young, J. E. (2012, February). Determining the effectiveness of a reading intervention program with nonrandomized groups. Paper presented to the 2012 Annual Conference of South Carolina Educators for the Practical Use of Research, Columbia, SC.
- Morgan, G. B.**, Zhu, M., & Johnson, R. L. (2012, February). The examination of interrater reliability using Monte Carlo methods. Paper presented to the 2012 Annual Conference of South Carolina Educators for the Practical Use of Research, Columbia, SC.
- Dickenson, T. S., & **Morgan, G. B.** (2012, February). An introduction to quasi-experimental designs for educational settings. Workshop delivered to the 2012 Annual Conference of South Carolina Educators for the Practical Use of Research, Columbia, SC.
- D'Amico, M. M., **Morgan, G. B.**, & Rutherford, G. F. (2011, February). Using the time of pre-enrollment activities to predict student success: One technical/community college's approach to addressing student outcomes. Paper presented to the 2011 Annual Conference of the North Carolina Association of Research in Education, Charlotte, NC.

- Dickenson, T. S., **Morgan, G. B.**, Bennett, H. L., & Gilmore, J. A. (2011, February). A multi-state experiment on AA-MAS validity targeting high school science. Paper presented to the 2011 Annual Conference of South Carolina Educators for the Practical Use of Research, Columbia, SC.
- Miller, K. M., Bennett, H. L., & **Morgan, G. B.** (2011, February). Implementation matters: An introduction for tools for measuring implementation. Paper presented to the 2011 Annual Conference of South Carolina Educators for the Practical Use of Research, Columbia, SC.
- Schoeneberger, J. A., **Morgan, G. B.**, & Bell, B. A. (2010, September). SBSBOXPLOT: A SAS macro for generating side-by-side boxplots. Paper presented at the 2010 Annual Conference of the Southeastern SAS User's Group, Savannah, GA.
- Morgan, G. B.** (2010, April). Evaluation of a children's mental health screening instrument using Rasch Rating Scale Methods. Presentation delivered at 2010 Annual Graduate Student Day, Columbia, SC.
- Morgan, G. B.**, & Lewis, A. A. (2010, February). Mixing it up: Incorporating quantitative and qualitative approaches to investigate arts integration efforts. Paper presented at the 2010 Annual Conference of the South Carolina Educators for the Practical Use of Research Conference, Columbia, SC.
- D'Amico, M. M., **Morgan, G. B.**, & Rivers, H. E. (2010, February). The influence of dual enrollment policy and practice on college student persistence. Paper presented at the 2010 Annual Conference of the South Carolina Educators for the Practical Use of Research Conference, Columbia, SC.
- Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Ferron, J. M., & Kromrey, J. D. (2009, October). MIXED DX: A SAS macro for two-level linear model diagnostics. Poster presented at the 2009 Annual Conference of Southeast SAS Users Group, Birmingham, AL.
- Morgan, G. B.**, & Robertson, T. (2009, April). Students from start to finish: Identifying success factors within workforce clusters. Presentation delivered at 2009 Annual Graduate Student Day, Columbia, SC.
- Morgan, G. B.**, D'Amico, L., Hardee, S., & Yap, C. C. (2009, April) Improving teacher assessment knowledge and practices: Understanding the forces for and against educational change. Paper presented at the 2009 Annual Conference of the American Educational Research Association, San Diego, CA.
- Morgan, G. B.**, D'Amico, L., & Hardee, S. (2009, February). Evaluating professional development: Developing and understanding an investment and implementation instrument. Paper presented at the 2009 Annual Conference of the South Carolina Educators for the Practical Use of Research Conference, Columbia, SC.
- Morgan, G. B. (2008, September) Health education program assessment: An overview. Presentation delivered for SC health educators at the 2008 Annual Conference of the South Carolina Alliance for Health, Physical Education, Recreation, and Dance, Myrtle Beach, SC.

**Morgan, G. B.**, Rao, V., Yap, C. C., Johnson, R. L., Wu, M., & Mayhew, C. (2008, February). Understanding health and safety education in South Carolina: Pilot study. Poster presented at the 2008 Annual Conference of the South Carolina Educators for Practical Use of Research, Columbia, SC.

Yelton, B. T., & **Morgan, G. B.** (2007, March). Levels of collaboration: Understanding how community agencies work together to improve the lives of children. Poster presented at the 2007 Annual Conference of the North Carolina Association for Research in Education, Greensboro, NC.

Yelton, B. T., **Morgan, G. B.**, & Plonski, P. (2007, March). North Carolina College Tech Prep data summary: 2001-2006. Paper presented at the 2007 Annual Conference of North Carolina College Tech Prep, Greensboro, NC.

Yelton, B.T., Plonski, P., & **Morgan, G. B.** (2006, March). Case studies of exemplary college tech prep programs in North Carolina: What makes you think you're so great. Paper presented at the 2006 Annual Conference of North Carolina College Tech Prep, Greensboro, NC.

### ***Local***

Ancha, N.<sup>2</sup>, Ancha, A.<sup>2</sup>, **Morgan, G. B.**, Armstrong, J., Ali, S., & Borowski, A. (2017, April). CT Guided Biopsy: A Risk to Benefit Review. Poster presented at the 4<sup>th</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Ikram, B.<sup>2</sup>, Burke, K.<sup>2</sup>, **Morgan, G. B.**, Armstrong, J., Maler, K., Ali, S., & Skeen, S. (2017, April). Gout Flare Association with Acute Myocardial Infarction. Poster presented at the 4<sup>th</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Wu, V.<sup>2</sup>, McConathy, M.<sup>2</sup>, Ali, M.-T.<sup>2</sup>, Wesson, W.<sup>2</sup>, **Morgan, G. B.**, Armstrong, J., Ali, S., & Bawduniak, J. (2017, April). A Retrospective Study on Small Bowel Obstruction: Are We Over-Diagnosing Small Bowel Obstruction? Poster presented at the 4<sup>th</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Sahibzada, O.<sup>2</sup>, Sivess, B.<sup>2</sup>, **Morgan, G. B.**, Armstrong, J., & Ali, S. (2017, April). Postoperative Outcomes in Transfused Versus Non-Transfused Patients Undergoing CABG Surgery. Poster presented at the 4<sup>th</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Pitts, W., **Morgan, G. B.**, Benitez, S.<sup>2</sup>, & Ikram, A.<sup>2</sup> (2016, April). In post-operative CABG patients, is length of stay affected by post-operative atrial fibrillation? Poster presented at the 3<sup>rd</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Parker, D., Martin, M.<sup>2</sup>, **Morgan, G. B.**, Mathes, L.<sup>2</sup>, Gershberg<sup>2</sup>, & Moffett, D.<sup>2</sup> (2016, April). Identifying the social needs of Providence CHF clinic patients. Poster presented at the 3<sup>rd</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Murillo, B., **Morgan, G. B.**, Moffett, D.<sup>2</sup>, & Munroe, R.<sup>2</sup> (2016, April). The rate of false negative rapid cytology interpretations (ROSE) in the pulmonary lab at Providence

Hospital in 2014. Poster presented at the 3rd Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Turney, W., **Morgan, G. B.**, Fechner, S.<sup>2</sup>, & Boese, R.<sup>22</sup> (2016, April). A comparative analysis and economic evaluation of open, laparoscopic and robotic-assisted inguinal hernia repair surgeries performed at Providence Health Center in 2014. Poster presented at the 3rd Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Borowski, A., Mathes, L.<sup>2</sup> & **Morgan, G. B.** (2016, April). Comparing the utility and cost of CT scans versus CTAs for acute stroke treatment. Poster presented at the 3rd Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Skeen, S., **Morgan, G. B.**, Boese, R.<sup>2</sup>, Gershberg<sup>2</sup>, & Munroe, R.<sup>2</sup> (2016, April). CHESTS 3: Predictive scoring model and cath outcomes of critically ill post-operative patients suspected of having acute coronary syndrome. Poster presented at the 3<sup>rd</sup> Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

Borowski, A., **Morgan, G. B.**, Bouchard, P.<sup>2</sup>, & Fechner, S.<sup>2</sup> (2016, April). Evaluation of the utility of SI Injections in treating LBP/leg pain at Providence Hospital. Poster presented at the 3rd Annual Waco Family Health Center Community Health Research Forum, Waco, TX.

**Morgan, G. B.** (2011, February). Item Writing Guidelines Workshop: Multiple-Choice. Workshop facilitated for Charlotte-Mecklenburg Schools, Charlotte, NC.

**Morgan, G. B.** (2012, March). Item Writing Guidelines Workshop: Constructed-Response & Performance Assessments. Workshop facilitated for Charlotte-Mecklenburg Schools, Charlotte, NC.

**Morgan, G. B.** (2007, March). Summit workforce development e-polling session. Presentation and electronic data collection session conducted for the 2007 Mitchell Workforce Development Summit, Mooresville, NC.

### **Funded Projects**

Padilla, K. L. [PI], Mire, S. [Co-PI], & **Morgan, G. B.** [Co-I]. Identifying and distinguishing early indicators of autism in Latino children: Project IDEAL. Subaward from University of Texas. **Funded:** \$1,458,735. Primary sponsor: National Institutes of Health. Total award: \$3,390,017.

Eckert, J. [PI], Morgan, G. B. [Co-PI], & Sterrett, W. [Co-PI] (2024-2025). *Thriving learning communities: Enhancing protective factors and reducing risk factors for substance abuse in Mississippi schools*. Subaward from University of Mississippi for the U.S. Department of Health and Human Services Substance Abuse and Mental Health Services Administration sponsored *Mississippi Horizons Project* (Center for Innovation and Discovery). **Funded:** \$760,632.

Nugent, R. [PI], Clark, N. [Co-PI], Schuckers, M. [Co-PI], Pelechrinis, K. [Co-PI], Sturdivant, R. [Co-PI], & **Morgan, G. B.** [Lead Evaluator]. Building a sustainable national network for developing and disseminating Sports Content for Outreach, Research, and Education in data science (2022 – 2026). National Science Foundation, **Funded:** \$1,100,000.

Currier, J. [PI], Fox, J. [Co-PI], Oxhandler, H. [Co-PI], Kenneth Pargament, K. [Co-PI], Pearce, M. [Co-PI], Polson, E. [Co-PI], Cassandra Vieten, C. [Co-PI], & **Morgan, G. B.** [Lead Statistician]. Catalyzing a Cultural Shift toward Integrating Religious and Spiritual Competencies in Mental Health Care Through Training and Systems-Level Change. John Templeton Foundation, **Funded:** \$5,188,796.

Elkins, G. [PI], Barton, D. [Co-PI], & **Morgan, G. B.** [Investigator & Biostatistician]. Self-administered hypnosis treatment for the management of hot flashes in women: A randomized clinical trial. National Institutes of Health, **Funded:** \$3,646,382.

Hering, A. [PI], Nychka, D. [Co-PI], Hamerly, G. [Co-PI], Cath, T. [Co-PI], Poor, M. [Co-PI], & **Morgan, G. B.** [Lead Evaluator] HDR DSC: Collaborative Research: Modernizing Water and Wastewater Treatment through Data Science Education & Research. National Science Foundation, **Funded:** \$1,197,931.

Reynolds, A. [PI], Valerio, W. [Co-PI], **Morgan, G. B.** [Consultant] (2010). Study of construct validity of the Children's Music-Related Behavior Questionnaire. Boyer College of Music and Dance Dean's Research Grant, Temple University, **Funded:** \$9,992.

D'Amico, M. M. [PI], & **Morgan, G. B.** [Subrecipient Investigator]. (2009). Influence of pre-enrollment activities on first-year college student success. UNC Charlotte Faculty Research Grant, **Funded:** \$5,969 [Subrecipient Amount: \$500].

Kendall-Fields, L. [PI], Davis, B. [Co-PI], Sherlock, J. J. [Evaluator], & **Morgan, G. B.** [Evaluator]. (2004 – 2007) Caregivers are Professionals, Too! Centers for Medicare and Medicaid Services, **Funded:** \$1,400,000.

#### **Advisory Board Member for Funded Projects**

Dingman, S., Teuscher, D., May-Sondergeld, T., Koskey, K., Roth-McDuffie, A., & Bostic, J. Collaborative Research: Quantifying Curricular Reasoning as a Critical Practice in Teaching Mathematics. National Science Foundation, **Funded:** \$3,004,612.

Irvin, M. [PI], Liu, J. [Co-PI], & Distefano, C. [Co-PI] Institute for Measurement Methods in Rural STEM Education. National Science Foundation, **Funded:** \$954,469.

#### **External Consulting & Evaluation**

Eckert, J. M., & Morgan, G. B. (2024-2026). CarolinaCAP Evaluation. University of South Carolina, Columbia, SC.

Eckert, J. M., & Morgan, G. B. (2020-2024). Collective Leadership Initiative in South Carolina Schools. Mira Education.

Beaujean, A.A., & Morgan, G. B. (2013-2015). Waco Counseling Project. Waco Independent School District, Waco, TX.

#### **Internal Funding**

Morgan, G. B. [PI]. (2015). Estimating Inter-rater Reliability using Latent Variable Modeling and Incomplete Data. Baylor University School of Education Sabbatical/Scholarship, **Funded:** \$13,434.

Morgan, G. B. [Fellow] (2014). Summer Faculty Institute 2014. The Academy for Teaching and Learning, Baylor University, **Funded:** \$10,000.

- Morgan, G. B. [PI]. (2013). Mixture separation and model selection via fit indices: A study of class enumeration identification with increasing degrees of separation between classes. Baylor University School of Education Sabbatical/Scholarship, **Funded:** \$12,800.
- Morgan, G. B. [PI]. (2011). Identifying underlying classes in finite mixture models using mixed mode data: An examination of fit index performance. University of South Carolina Department of Education Studies Dissertation Grant, **Funded:** \$300.

### **Programming Languages**

LaTeX, Mplus, R, SAS, SPSS (Expert)

LISREL, BILOG-MG, PARSCALE, IRTPRO, HLM, MSP5 (Proficient)

### **TEACHING**

#### *Baylor University*

- EDP 6360: Experimental Design I (Fall 2012, 2013, 2014)
- EDP 6337: Psychometric Theory & Test Construction (Spring 2013-18, 2020-23, 25)
- EDP 6362: Multiple Regression & Correlation Analysis in Education (Sp2018-2019)
- EDP 6365: Latent Variable Models in Education (Even Fall 2014-2024)
- EDP 6366: Item Response Theory (Odd Fall 2013-s2025)
- EDP 6340: Practicum in Adult Learning: Classroom-based (Fall 2013, 2015, 2017-2019)
- EDP 6341: Practicum in Adult Learning: Field-based (Spring, 2014)
- EDP 6335: Research Practicum in Education (Fall, 2014)
- EDP 6338: Grant Writing (Summer I 2016, 2017)
- EDP 5335: Research in Education (Spring 2014, 2015)
- EDP 5340: Measurement & Evaluation (Fall 2015, 2016, 2020)
- EDP 5393: Cultural Issues with Children and Families (May minimester 2015, 2016)
- EDP 5V95: Special Topics in Education (Rasch Models; Nonparametric Statistics; Bayesian Psychometric Models; Philosophy and Practice of Science in Education Research)

#### *University of South Carolina*

- EDRM 710: Educational Statistics I (Instructor; Fall 2011)
- EDRM 700: Introduction to Research in Education (Instructor; Summer 2012)
- EDRM 711: Educational Statistics II (Co-Instructor; Fall 2009)
- EDRM 720: Introduction to Educational Measurement (Co-Instructor; Spring 2009)
- EDRM 700: Introduction to Research in Education (Teaching Assistant; Summer 2009-2011)
- EDRM 710: Educational Statistics I (Teaching Assistant; Spring 2010)
- EDRM 711: Educational Statistics II (Teaching Assistant; Spring 2012)

### **Guest Lectures**

- Morgan, G. B. (2012, January). Estimation methods in hierarchical linear modeling. Lecture delivered for Department of Educational Studies Hierarchical Linear Models doctoral course, University of South Carolina, Columbia, SC.
- Morgan, G. B. (2011, September). Introduction to hierarchical linear modeling. Workshop for Department of Instruction and Teacher Education, University of South Carolina, Columbia, SC.

Morgan, G. B. (2011, March). Descriptive statistics. Lecture delivered at University of South Carolina Department of Educational Studies Research Methods doctoral course, Columbia, SC.

Morgan, G. B. (2010, February). Reliability and validity. Lecture delivered at University of South Carolina Department of Educational Studies Research Methods doctoral course, Columbia, SC.

Morgan, G. B. (2008, April). Leadership in higher education. Lecture delivered at University of South Carolina Department of Educational Leadership Research Leadership doctoral course, Columbia, SC.

## **SERVICE**

### **Profession**

Principal Member, United States Department of Education - Institute of Education Sciences Scientific Review Panel, 2019-2024.

Panelist, United States Department of Education - Institute of Education Sciences, 2019

Panelist, National Science Foundation, 2015-2024.

Editorial Board, *Journal of Psychoeducational Assessment*, *International Journal of Clinical and Experimental Hypnosis*.

Ad hoc reviewer, National Science Foundation – Social, Behavioral, & Economic Sciences Directorate.

Ad hoc Manuscript reviewer, *Methodology*, *Journal of Adolescence*, *Structural Equation Modeling*, *Psychometrika*, *International Journal of Behavior Development*, *Multivariate Behavioral Research*, *Educational Researcher*, *Journal of Intelligence*, *Research in the Schools*, 2011-2013.

Proposal reviewer, South Carolina Educators for the Practical Use of Research Conference, 2009-2011.

Proposal reviewer, Southeastern Association for Educational Studies Conference, 2008.

### **Professional Leadership Positions**

Treasurer, (appointed), Southwest Educational Research Association, 2024-Present.

Past President, Southwest Educational Research Association 2021.

President (elected), Southwest Educational Research Association 2020.

President Elect / Program Chair (elected), Southwest Educational Research Association 2019.

Chair (elected), Structural Equation Modeling SIG, American Educational Research Association 2018-2021.

Deputy Treasurer (appointed), Southwest Educational Research Association, 2018-2023.

Board member (elected), Southwest Educational Research Association, 2016-2018.

Division D Mentoring Committee, American Educational Research Association, 2012-2014.

Senior Representative to the Graduate Student Committee, American Educational Research Association Division D (Research Methodology and Measurement), 2010-2012.

Board member, South Carolina Educators for the Practical Use of Research, 2008-2013.

Treasurer, South Carolina Educators for the Practical Use of Research, 2008-2011.

Student Ambassador, SAS Institute, 2010.

Student Ambassador, American Evaluation Association, 2010.

### **University or School**

Member, Artificial Intelligence Task Force, School of Education

Chair, Quantitative Methods Faculty Search Committee, Department of Educational Psychology, 2024.

Chair, School of Educational Research Leave Selection Committee, 2024-Present.

Chair, Professor & Department Chair Search Committee, Department of Curriculum & Instruction, 2024.

Chair, Quantitative Methods Faculty Search Committee, Department of Educational Psychology, 2018.

Chair, Quantitative Methods Faculty Search Committee, Department of Educational Psychology, 2017

Member, School of Education International Global Engagement Programs (SOE-IGE) Review Ad Hoc Committee, 2017.

Co-Director, Baylor Ed Psych in Costa Rica Study Abroad Program, 2015-2017

Undergraduate Research Advisor/Statistics Consultant, Providence Hospital Research Department - Providence Research Associate Program with Baylor Medical Humanities, 2015-2018.

Member, School of Education Summer Sabbatical & Research Leave Task Force, Baylor University School of Education, 2013, 2015, 2017, 2018.

Member, Transfer Year Experience Advisory Board, Baylor University, 2014-2015.

Member, Graduate Faculty Council, Baylor University School of Education, 2015-2018.

Member, International Studies and Experiences Committee, Baylor University School of Education, 2014.

Member, School Psychology Faculty Search Committee, Department of Educational Psychology, Baylor University, 2014.

### **Graduate Degree Committees**

2012 Aaron R. Baggett - Preliminary Examination, Educational Psychology

2013 Sonya L. Parker - Preliminary Examination, Educational Psychology

- 2014 Kari J. Hodge - Preliminary Examination, Educational Psychology  
 LaNette Thompson - Preliminary Examination, Educational Psychology  
 Yara N. Farah - Preliminary Examination, Educational Psychology  
 Shanna P. Attai - Preliminary Examination, Educational Psychology  
 Shana M. Walsh - Preliminary Examination, Health & Human Performance
- 2015 Kim Hardin - Preliminary Examination, Educational Psychology  
 Kevin Wells - Preliminary Examination, Educational Psychology  
 Alicia Kobylecky - Preliminary Examination, Educational Psychology  
 Andreas Stamatis - Preliminary Examination, Educational Psychology
- 2017 Robin Wilson - Preliminary Examination, Educational Psychology  
 Kristina Amrani - Preliminary Examination, Health & Human Performance
- 2018 Megan McClendon - Preliminary Examination, Health & Human Performance  
 Regan Weston - Preliminary Examination, Educational Psychology  
 Brenda Davis - Preliminary Examination, Educational Psychology
- 2020 Anna Payne - Preliminary Examination, Educational Psychology
- 2021 Noah Padgett - Preliminary Examination, Educational Psychology  
 Suzy Avery - Preliminary Examination, Educational Psychology  
 Provident Lively - Preliminary Examination, Educational Psychology
- 2022 Mackenzie Wicker - Preliminary Examination, Educational Psychology  
 Laura Shero - Preliminary Examination, Educational Psychology
- 2023 Hiroki Matsuo - Preliminary Examination, Educational Psychology  
 Celeste Sodergren - Preliminary Examination, Educational Psychology
- 2024 Ben Meister – Comprehensive Examination, Health, Human Performance and Recreation  
 Kailah Hall - Preliminary Examination, Educational Psychology  
 Renming Liu - Preliminary Examination, Educational Psychology  
 Jaden Saterlee - Comprehensive Examination, Health, Human Performance and Recreation  
 Tim Spitsberg – Preliminary Examination, Educational Psychology  
 Liesel Lutz – Preliminary Examination, Educational Psychology  
 Donna Hulsey – Preliminary Examination, Educational Psychology  
 Hannah Davis – Preliminary Examination, Educational Psychology
- 202 Matt Segovia – Comprehensive Examination, Health, Human Performance and Recreation

### **Dissertations & Theses**

*Doctoral Dissertation, Chair/Co-Chair (n = 9)*

- Song, J. (in progress). [Title TBD – Focus: Bayesian Rasch estimation]. (Baylor University, Department of Educational Psychology).
- Ozkan, F. (in progress). [Title TBD – Focus: Dimensionality assessment using a penalized weighted topological overlap from network psychometrics.] (Baylor University, Department of Educational Psychology).
- Matsuo, H. (2024). Longitudinal measurement invariance of Christian scales. (Baylor University, Department of Educational Psychology).
- Shero, L. (2023). Examining Potential Changes in Emotional Intelligence Among U.S. Adults Before and After the Onset of the COVID-19 Pandemic. (Baylor University, Department of Educational Psychology).
- Padgett, R. N. (2022). Misclassification errors informed by response time in item factor analysis. (Baylor University, Department of Educational Psychology).
- Wilson, R. D. (2018). A college readiness intervention program's impact on college-going self-efficacy and college knowledge. (Baylor University, Department of Educational Psychology).
- Wells, K. E. (2017). Detecting sigmoidal trajectories in structured latent curve models: A fit measure performance and parameter recovery simulation study. (Baylor University, Department of Educational Psychology).
- Stamatis, A. (2016). Mental toughness in sport: Perspectives of master strength and conditioning coaches. (Baylor University, Department of Educational Psychology).
- Hodge, K. J. (2015). Testlet effects on pass/fail decisions under competing Rasch models. (Baylor University, Department of Educational Psychology).

*Doctoral Dissertation, Committee Member (n = 17)*

- Segovia, M. D. (in progress). Compounding Effects of Repeated Whole-Body Fatigue and Cold Stress on Skeletal Muscle Hemodynamics and Neuromuscular Response. (Baylor University, Department of Health, Human Performance and Recreation).
- Bounds, E. (2025). “I’m a good person! I’m not good enough!”: Contingent self-worth across time in U.S. college students. (Baylor University, Department of Psychology and Neuroscience).
- Billeiter, K. (2023). Nonverbal assessment of intelligence in autistic children: A psychometric investigation using classical test theory (Baylor University, Department of Educational Psychology).
- Parker, B. (2023). Development and Validation of the Expanded School Psychology Multicultural Competency Scale. (Baylor University, Department of Educational Psychology).
- Fletcher, E. (2021). Obesity-induced alterations to the immunoproteasome: A potential link to impaired proteostasis in skeletal muscle. (Baylor University, Department of Health, Human Performance and Recreation).

- Beretich, K. (2020). Stages of Change in Dietetics Practice. (Baylor University, Robbins College of Health and Human Sciences).
- Andercheck, B. (2019). Individualized religious styles: A latent class analysis of religion and its implications for political attitudes and family formation outcomes. (Baylor University, Department of Sociology).
- Martin, S. (2018). Exploring implicit anti-Arab prejudice and sociopolitical correlates through a minimal paradigm. (Baylor University, Department of Psychology & Neuroscience).
- Kang, L. (2017). Religious fundamentalism and attitudes toward immigrants and Syrian refugees. (Baylor University, Department of Psychology & Neuroscience).
- Tinsley, G. (2016). Effects of Acute Dietary Changes on Estimates of Body Composition. (Baylor University, Department of Health, Human Performance, & Recreation).
- Tamburello, J. (2016). Changing patterns in marijuana use among high school seniors: Latent modeling of time-series cross-sections (1976-2013). (Baylor University, Department of Sociology).
- Walsh, S. (2016). Objectively measured physical activity and sedentary behaviors, stress, and the theory of planned behavior. (Baylor University, Department of Health, Human Performance, & Recreation).
- Attai, S. A. (2015). The relationship between perceived parenting styles and feelings of entitlement in college students. (Baylor University, Department of Educational Psychology).
- Sliwinski, J. (2015). Examining the Role of Expectancies during a Mind-Body Intervention for Hot Flash Reduction in Postmenopausal Women: Is the Relationship between Treatment Condition and Symptom Improvement Mediated by Response Expectancy? (Baylor University, Department of Psychology & Neuroscience).
- Thompson, L. (2015). Perceptions of teaching nonliterate adults in oral cultures: A modified Delphi study. (Baylor University, Department of Educational Psychology).
- Trepinski, T. M. (2014). Functional Behavior Assessment: Increasing Pre-Service General Education Teachers' Self-Efficacy in Managing Classroom Behavior. (Baylor University, Department of Educational Psychology).
- Baggett, A. R. (2014). Perceptual-cognitive skills and domain-specific expertise among professional baseball umpires: A quantitative analysis of ball/strike judgment and decision making. (Baylor University, Department of Educational Psychology).

*Master's Thesis, Chair (n = 2)*

- Padgett, R. N. (2019). Factor analysis in educational settings: A simulation study comparing fit statistics across robust estimators. (Baylor University, Department of Educational Psychology.)
- Moore, C. A. (2017). Estimation of distal outcome effects in latent transition models. (Baylor University, Department of Educational Psychology).

*Master's Thesis, Committee Member (n = 8)*

Harris, K. (2026). [Title Coming] (Baylor University, Department of Psychology and Neuroscience).

Collamore, K. (2025). Methodological variations in measuring sex-based associations between childhood trauma and substance use: A systematic review. (Baylor University, Department of Psychology and Neuroscience).

Muñiz, V. (2024). Reliability and validity of the Brief Remote Elkins Alldredge Test of Hypnotizability (BREATH). (Baylor University, Department of Psychology and Neuroscience).

Cherpe de Souza, L. (2020). The Impact of Dietary Acculturation and Food Availability in the Body Composition of Division I Female International Student-Athletes. (Baylor University, Department of Family and Consumer Sciences).

Liu, S.-N. (2016). The effectiveness of team-based learning: A meta-analysis. (Baylor University, Department of Educational Psychology).

Farmer, A. A. (2015). From their eyes: A deeper analysis of career and technical education during secondary school. (Baylor University, Department of Educational Psychology).

Faulk, M. (2015). Effects of postural restoration therapy compared to traditional therapy on internal rotation in collegiate overhead athletes. (Baylor University, Department of Health, Human Performance & Recreation).

Clendennen, S. L. (2014). Socio-ecological risk factors of hospital readmission in an underserved population. (Baylor University, Department of Health, Human Performance & Recreation).

Gutierrez, E. E. (2014). Estimated effects of breakfast in the classroom on academic performance and human capital outcomes. (Baylor University, Department of Economics).

*Honors Thesis, Committee Member (n = 2)*

Hardin, L. (2024). Education as Intervention: A Critical Examination of Drug Prevention Programs in U.S. Schools. (Baylor University, Honors College).

Couch, T. (2015). Predictors of 30-, 60-, and 90-day All-Cause Hospital Readmission in a Socioeconomically Disadvantaged Population: A Retrospective Secondary Data Analysis (Baylor University, Department of Health, Human Performance & Recreation).

**Honors & Awards**

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| 2016 – 2021 | AERA Invited Distinguished Discussant for Distinguished Paper Session              |
| 2016        | AERA Division D Early Career Award in Quantitative Research Methodology, Nominee   |
| 2015        | Bruce Thompson Outstanding Paper Award, Southwest Educational Research Association |
| 2014        | The Cornelia Marschall Smith Professor of the Year Award, Nominee                  |
| 2013        | Bruce Thompson Outstanding Paper Award, Southwest Educational Research Association |

- 2013 Distinguished Paper Award, State and Regional Educational Research Associations Special Interest Groups, American Educational Research Association
- 2011 Outstanding Doctoral Student Award 2010-2011, Department of Educational Studies, University of South Carolina
- 2010 Distinguished Paper Award, South Carolina Educators for the Practical Use of Research
- 2010 Distinguished Paper Award, State and Regional Educational Research Associations Special Interest Groups, American Educational Research Association
- 2010 SAS Student Ambassador Finalist, SAS Global Forum 2010
- 2010 Graduate Student Day Student Research Competition Award (1st Prize), University of South Carolina Graduate School
- 2009 Graduate Student Day Student Research Competition Award (3rd Prize), University of South Carolina Graduate School

### **Professional Organization Membership**

American Educational Research Association, 2008 – Present  
 National Council on Measurement in Education, 2009 – 2013  
 Structural Equation Modeling Special Interest Group (AERA), 2010 – Present  
 Multilevel Modeling Special Interest Group (AERA), 2011 – Present  
 Southwest Educational Research Association, 2012 – Present  
 South Carolina SAS User's Group, 2009 – 2013  
 South Carolina Educators for the Practical Use of Research, 2008 – 2012  
 American Evaluation Association, 2006 – 2012  
 North Carolina Association for Research in Education, 2007 – 2012