

# CURRICULUM VITAE

## Grant B. Morgan, Ph.D.

Department of Educational Psychology

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### Education

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

### Professional Experience

2016 – Present	<b>Associate Professor</b> Baylor University, Waco, TX
2012 – 2016	<b>Assistant Professor</b> Baylor University, Waco, TX
2011 – 2013	<b>Psychometrics Contractor</b> Charlotte-Mecklenburg Schools, Charlotte, NC
2009 – 2012	<b>Psychometrics/Statistics Contractor</b> Center for Excellence to Prepare Teachers of Children of Poverty, Francis Marion University, Florence, SC
2007 – 2012	<b>Research Assistant/Program Evaluator</b> Office of Program Evaluation, University of South Carolina, Columbia, SC
5/2008 – 8/2008	<b>Executive Intern/Research Methodologist</b> South Carolina Technical College System, Columbia, SC
2005 – 2010	<b>Research Analyst</b> Praxis Research, Inc., Charlotte, NC
2004 – 2007	<b>Evaluator/Statistics Consultant</b> Pathways for the Future, Inc., Sylva, NC

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

## Teaching

### *Baylor University*

EDP 6360: Experimental Design I (Fall 2012, 2013, 2014)  
 EDP 6337: Psychometric Theory & Test Construction (Spring 2013, 2014, 2015, 2016)  
 EDP 6365: Latent Variable Models in Education (Fall 2014)  
 EDP 6366: Item Response Theory (Fall 2013, 2015)  
 EDP 6340: Practicum in Adult Learning: Classroom-based (Fall 2013)  
 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)  
 EDP 5335: Research in Education (Spring 2014, 2015)  
 EDP 5340: Measurement & Evaluation (Fall 2015)  
 EDP 5393: Cultural Issues with Children and Families (May minimester 2016)

### *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, 2010, 2011)  
 EDRM 710: Educational Statistics I (Teaching Assistant; Spring 2010)  
 EDRM 711: Educational Statistics II (Teaching Assistant; Spring 2012)

## Curriculum and Course Development

### *Baylor University*

EDP 6360: Experimental Design I  
 EDP 6337: Psychometric Theory & Test Construction  
 EDP 6365: Latent Variable Models in Education  
 EDP 6366: Item Response Theory  
 EDP 6340: Practicum in Adult Learning: Classroom-based  
 EDP 6341: Practicum in Adult Learning: Field-based  
 EDP 6335: Research Practicum in Education  
 EDP 6338: Grant Writing  
 EDP 5335: Research in Education  
 EDP 5340: Measurement & Evaluation

### *University of South Carolina*

EDRM 710: Educational Statistics I (Fall 2011)  
 EDRM 700: Introduction to Research in Education (Summer 2012)

## Scholarship

### Books

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

## Refereed Publications

1. **Morgan, G. B.**, Wells, K. E., Andretta, J. R., & McKay, M. T. (in press). Temporal attitudes profile transition among adolescents: A longitudinal examination using mover-stayer latent transition analysis. *Psychological Assessment*.
2. 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>
3. Morgan, G. B., DiStefano, C., & Motl, R. W. (in press). Examining differences in method effects related to negative wording: An example using Rasch mixture modeling. *Journal of Applied Measurement*.
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.
5. Clendenman, 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*.
6. 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*.
7. Gallucci, A. R. , Martin, R. J., & **Morgan, G. B.** (in press) The consumption of energy drinks among a sample of college students and college student athletes. *Journal of Community Health*.
8. **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
9. Walsh, S. M.<sup>1</sup>, Umstattd Meyer, M. R., Stamatis, A.<sup>1</sup>, & **Morgan, G. B.** (in press). Why women sit: Determinants of leisure sitting time for working women. *Women’s Health Issues*.
10. 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
11. 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, Advanced online publication. doi:10.1080/00223891.2014.999338
12. **Morgan, G. B.** (2015). Mixed mode latent class analysis: An examination of fit index performance for classification. *Structural Equation Modeling*, 22, 76–86.
13. **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

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<sup>1</sup>Baylor Graduate Student

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14. **Morgan, G. B.**, & Beaujean, A. A. (2014). An investigation of growth mixture models for studying the Flynn Effect. *Journal of Intelligence*, *2*, 156–179.
15. **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).
16. Umstatted 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*.
17. 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.
18. **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
19. 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.
20. 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.
21. 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*. Advance online publication. doi: 10.1027/1614-2241/a000064
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. DiStefano, C., & **Morgan G. B.** (2011). Examining classification criteria: A comparison of three cut score methods. *Psychological Assessment*, *23*(2), 354-363.

28. 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.
29. Bell, B. A., DiStefano, C., & **Morgan, G. B.** (2010). A primer on disseminating applied quantitative research. *Journal of Early Intervention*, 32(5), 370-383.
30. 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.
31. **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.
32. **Morgan, G. B.**, Anderson, C. K., & Tobolowsky, B. F. (2010). Using short stories in higher education courses. *Academic Exchange Quarterly*, 14(1).
33. 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.
34. 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).
35. 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

1. 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.
2. 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.
3. **Morgan, G. B.**, & Hodge, K. J.<sup>1</sup> (2015). A primer on research validity for conducting quantitative studies of the model minority stereotype. In B. Portfilio & N. D. Hartlep (Eds.). *Killing the model minority stereotype: Asian American counter-stories and complicity*. Charlotte, NC: Information Age.
4. **Morgan, G. B.**, & Hodge, K. J.<sup>1</sup> (2015). Statistical procedures for addressing research fallacies such as model minority stereotype. In B. Portfilio & N. D. Hartlep (Eds.). *Killing the model minority stereotype: Asian American counter-stories and complicity*. Charlotte, NC: Information Age.
5. Hartlep, N. D., **Morgan, G. B.**, & Hodge, K. J.<sup>1</sup> (2015). An Asian American subgroup analysis of the restricted-use ELS:2002 dataset: Mixture modeling as a way to problematize the Asian American "model minority" stereotype. *Killing the model minority stereotype: Asian American counter-stories and complicity*. Killing the model minority stereotype: Asian American counter-stories and complicity. Charlotte, NC: Information Age.

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<sup>1</sup>Baylor Graduate Student

6. Hartlep, N. D., **Morgan, G. B.**, & Hodge, K. J.<sup>1</sup> (2014). Vietnamese youth and the model minority stereotype: An examination of the National Asian American Survey of 2008. In N. D. Hartlep (Ed.). *The model minority stereotype reader: Critical and challenging readings for the 21st century*. San Diego, CA: Cognella.
7. Hartlep, N. D., McCubbins, S., & **Morgan, G. B.** (2014). Revealing the myth of the “fully qualified” bright young teacher: Using the Haberman Star Teacher pre-screener to teach and assess professional dispositions and core beliefs in education. In J. A. Gorlewski, B. Porfilio, D. A. Gorlewski, & J. Hopkins (Eds.). *Effective or wise: Teaching and assessing professional dispositions in education*. New York, NY: Peter Lang.
8. DiStefano, C., **Morgan, G. B.**, & Motl, R. W. (2012). Detecting acquiescence underlying Rosenberg’s Self Esteem scale using the Rasch Partial Credit model. In S. De Wals, & K. Meszaros (Eds.) *Handbook on psychology of self-esteem*. Hauppauge, NY: Nova Science Publishers.
9. Sherlock, J. J., & **Morgan, G. B.** (2005). Learning journals: An underutilized tool in leadership education. In N. S. Huber & M. C. Walker (Eds.) *Emergent Models of Global Leadership* (pp.136–145). College Park, MD: University of Maryland.

## Proceedings

1. Bell, B. A., **Morgan, G. B.**, Kromrey, J. D., & Ferron, J. M. (2010). The impact of small cluster size on multilevel models: A Monte Carlo examination of two-level models with binary and continuous predictors. *Proceedings of the 2010 Joint Statistical Meetings*, Vancouver, British Columbia.
2. Bell, B. A., **Morgan, G. B.**, Schoeneberger, J. A., Loudermilk, B. L., Kromery, 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.
3. Bell, B. A., Schoeneberger, J. A., **Morgan, G. B.**, Kromrey, J. D., & Ferron, J. M. (2010). Fundamental diagnostics for two-level mixed models: The SAS® macro MIXED\_DX. *Proceedings of the SAS® Global Forum 2010 Conference*. Cary, NC: SAS Institute Inc.
4. Sherlock, J. J. & **Morgan, G. B.** (2007). Training and development of low-income workers: A case study of a holistic approach. *Proceedings of the Academy for Human Resource Development (AHRD) 2007 International Research Conference*, Indianapolis, IN.
5. Sherlock, J. J., **Morgan, G. B.**, & Karvonen, M. (2006). Addressing a national turnover problem from an HRD perspective: A field research study of direct care workers. *Proceedings of the Academy for Human Resource Development (AHRD) 2006 International Research Conference*, Columbia, OH.
6. Sherlock, J. J., & **Morgan, G. B.** (2004). Linking the theoretical roots of organization development to best practices today. *Proceedings of the Twenty-Fifth Annual Organization Development Network Conference*, San Juan, Puerto Rico.

## Technical Reports and Other, Non-refereed Publications

1. Hartlep, N. D., McCubbins, S. A., Hansen, C. M., Banicki, G. J., & **Morgan, G. B.** (2015). *What makes a STAR teacher: Examining the dispositions of PK-12 Urban Teachers in Chicago*. Normal, IL: Illinois State University.

2. Hartlep, N. D., **Morgan, G. B.**, Theodosopoulos, K., & Schmalz, R. (in press). A national look at endowed professors in education. *INSIGHT into Diversity*.
3. D'Amico, M. M., & **Morgan, G. B.** (2010). *Turning data into information: Helping community colleges use existing data to advance student success*. (CEME Forum Report No. CEMEF-2010-01). Charlotte, NC: Center for Educational Measurement and Evaluation, UNC Charlotte.
4. Dickenson, T. S., Bennett, H. L., **Morgan, G. B.**, & Rao, V. (2010) *End-of-year evaluation report for Targeting Research to Investigate Alternate Assessment Development (TRIAAD)*. Columbia, SC: Office of Program Evaluation.
5. 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.
6. Yap, C. C., **Morgan, G. B.**, Pearsall, T., & Zhu, M. (2009). *Arts in education research project: Year 2008-2009*. Columbia, SC: Office of Program Evaluation.
7. **Morgan, G. B.**, Green, S., & Johnson, R. L. (2009). *Test bank for Assessment is Essential*. New York: McGraw-Hill.
8. Yap, C. C., **Morgan, G. B.**, Rao, V., & Mayhew, C. (2008). *Technical documentation for the Health Education Program Assessment*. Columbia, SC: Office of Program Evaluation.
9. D'Amico, L. K., Hardee, S., **Morgan, G. B.**, Yap, C. C., & Ishikawa, T. (2008). *An evaluation of teacher quality research (TQR) investment, implementation, and long-term student achievement effects*. Columbia, SC: Office of Program Evaluation
10. Yap, C. C., Pearsall, T., **Morgan, G. B.**, Wu, M., Maganda, F., & Gilmore, J. A. (2007). *Evaluation of a professional development program in classroom assessment: 2006-07*. Columbia, SC: Office of Program Evaluation
11. **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.
12. 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.
13. Sherlock, J. J., & **Morgan, G. B.** (2007). Employee recognition programs benefit DSPs and their employers. *Frontline Initiatives*, 7(3), 1-3.
14. **Morgan, G. B.**, & Yelton, B. T. (2006). *North Carolina College Tech Prep: 2000 - 2004 Data summary*. Charlotte, NC: Praxis Research, Inc.
15. Yelton, B. T., **Morgan, G. B.**, Karvonen, M., & Blackburn, B. (2006). *Duplin County STAR/Civic Profile Report*. Charlotte, NC: Praxis Research, Inc.
16. 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.
17. Sherlock, J. J., & **Morgan, G. B.** (2004). Association CEOs and their board: Influence matters. *Association Forum*, 8(10), 22-25.

## Works Submitted

1. Sulak, T. N., **Morgan, G. B.**, Padilla-Mainor, K.L.<sup>1</sup>, & Floyd, H. S.<sup>1</sup> (submitted). The effect of ADHD diagnosis on social factors: A causal model using propensity score analysis.
2. **Morgan, G. B.**, McKay, M. T, Andretta, J. R., & Wells, K. E. (submitted). A latent transition analysis on the stability and effect of perceived parental security profiles between early and middle adolescence.
3. Hodge, K. J., & **Morgan, G. B.** (submitted). Proficiency classification and violated local independence: An examination of pass/fail decision accuracy under competing Rasch models
4. Wells, K. E., **Morgan, G. B.**, Worrel, F. C., Sunnall, H. R., & McKay, M. T. (submitted). 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.
5. Farah, Y. N.<sup>1</sup>, Scalzo, R. A.<sup>1</sup>, & **Morgan, G. B.**, & Schoeneberger, J. A. (submitted). Questioning practices in gifted education: Relationships between question type and number of student responses.
6. Hodge, K. J.<sup>1</sup>, & **Morgan, G. B.** (submitted). Psychometric Investigation of Video Clips in a Professional Certification Clinical Exam.

## Planned Submissions (Titles subject to change)

1. **Morgan, G. B.** (Spring 2016 submission). A new method for simulating nonnormal distributions for latent variable models using Gaussian mixture models.
2. **Morgan, G. B.**, Johnson, R. J., & Hodge, K. J. (Spring 2016 submission). Estimating inter-rater reliability using latent variable modeling and incomplete data.
3. Baggett, A. R., Beaujean, A. A., & **Morgan, G. B.** (Spring 2016 submission). Perceptual-cognitive skills and domain-specific expertise among professional baseball umpires: A quantitative analysis of ball/strike judgment and decision making.
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4. **Morgan, G. B.**, Schoeneberger, J. A., & Seaman, M. A. (Fall 2016 submission). A Monte Carlo investigation for determining the number of replications needed for controlling Type I error in multilevel model simulations.
5. Seaman, M. A., & **Morgan, G. B.** (Fall 2016 submission). An examination of the local relative efficiency of nonparametric procedures for one- an two-sample procedures.
6. **Morgan, G. B.**, Moore, C.<sup>2</sup>, & Bowden, R. G. (Spring 2016 submission). Latent class analysis of indicators of hospital readmission.
7. **Morgan, G. B.**, McKay, M. T., Wells, K. E., & Andretta, J. (Fall 2015 submission). An examination the relationship between changes in time perspectives and self-efficacy among adolescents.

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<sup>1</sup>Baylor Graduate Student

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<sup>2</sup>Baylor Undergraduate Student



8. **Morgan, G. B.**, Wells, K. E., & McDermott, P. A. (Spring 2016 submission). Methodological examination of multilevel transition models with distal outcomes with sparse classes.
9. **Morgan, G. B.** (Fall 2015 submission). Finite mixture modeling for classification: An examination of fit indices with poorly separated components and mixed mode indicators.
10. **Morgan, G. B.** (Fall 2015 submission). Mixture separation and model selection via fit indices: A study of class enumeration identification with increasing degrees of separation between classes.
11. **Morgan, G. B.**, DiStefano, C., & Leighton, E. (Fall 2015 submission). Examining alternative strategies to accommodate categorical data.
12. **Morgan, G. B.**, & Styck, K. (Fall 2016 submission). A systematic review of latent class clustering methods.
13. **Morgan, G. B.**, Hodge, K. J.<sup>1</sup>, & Wells, K.<sup>1</sup> (Summer 2016 submission). A comparison of modeling strategies for latent class analysis with mixed-metric indicators.

### Invited Addresses

1. **Morgan, G. B.** (2015, October). *Model selection with non-Gaussian mixture models*. Colloquium given for the Quantitative Methods Division, University of Pennsylvania, Philadelphia, PA.
2. **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.
3. **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.

### Guest Lectures

1. **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.
2. **Morgan, G. B.** (2011, September). *Introduction to hierarchical linear modeling*. Workshop for Department of Instruction and Teacher Education, University of South Carolina, Columbia, SC.
3. **Morgan, G. B.** (2011, March). *Descriptive statistics*. Lecture delivered at University of South Carolina Department of Educational Studies Research Methods doctoral course, Columbia, SC.
4. **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.
5. **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.

## Conference Presentations

### National/International

1. Renbarger, R., Sulak T. N. & **Morgan, G. B.** (submitted). Resilience in Costa Rica: Validation of the Child and Youth Resilience Measure (CYRM). Paper submitted to the 2017 Annual Conference of the American Educational Research Association, San Antonio, TX.
2. Renbarger, R., **Morgan, G. B.**, & Sulak T. N. (submitted). 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.
3. 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.
4. **Morgan, G. B.**, Wells, K. E., & 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.
5. Hodge, K. J., & **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.
6. 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.
7. DiStefano, C. **Morgan, G. B.**, & Sherlock, P. (2015, July). Examining fit in covariance modeling with ordinal data. Paper presented at the 13<sup>th</sup> European Conference on Psychological Assessment, Zurich, Switzerland.
8. 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.
9. **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.
10. **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.
11. 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.
12. 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.

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<sup>1</sup>Baylor Graduate Student

13. 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 at the 2015 Annual Conference of the American Educational Research Association, Chicago, IL.
14. 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.
15. **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.
16. 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.
17. 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.
18. 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.
19. 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.
20. **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.
21. 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.
22. 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.
23. 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.
24. **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.

25. **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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.

37. 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.
38. **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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. **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.
47. 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.
48. **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.
49. 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.

50. **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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. **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.
57. **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.
58. 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.
59. 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/Local

1. **Morgan, G. B.**, & Wells, K. E. (accepted). An introduction to a unified approach to longitudinal analysis. Workshop accepted for the 2016 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.
2. **Morgan, G. B.**, Wells, K. E., & Floyd, H. (accepted). When do fit indices become useful for finite mixture model selection?: A Monte Carlo examination of class separation. Paper accepted for the 2016 Annual Meeting of the Southwest Educational Research Association, New Orleans, LA.

3. 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.
4. 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.
5. **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.
6. **Morgan, G. B.**, & Baggett, A. R.<sup>1</sup> (2013, February) *Finite Mixture Modeling with Non-normal 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.
7. 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.
8. **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.
9. **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.
10. 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.
11. 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.
12. 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.
13. 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.
14. **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.

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<sup>1</sup>Baylor Graduate Student

15. 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.
16. 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.
17. 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.
18. **Morgan, G. B.**, & Roberston, T. (2009, April). *Students from start to finish: Identifying success factors within workforce clusters*. Presentation delivered at 2009 Annual Graduate Student Day, Columbia, SC.
19. **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.
20. **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.
21. **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.
22. 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.
23. 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.
24. 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.

## Funded Projects

1. **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.
2. **Morgan, G. B.** [Fellow] (2014). Summer Faculty Institute 2014. The Academy for Teaching and Learning, Baylor University, Funded: \$10,000.



3. **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.
4. **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.
5. 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.
6. 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].

### Pending Grant Applications

1. **Morgan, G. B.** [PI], & Beaujean, A. A. [Co-PI] (2016). Proposal for Evaluation of the IDD Assessment Project. Texas Department of Aging and Disability Services, Submitted: \$65,000.
2. Stamatis, A.<sup>1</sup> [PI] & **Morgan, G. B.** [Co-PI] (2016). The impact of mental toughness in student-athletes' psychosocial well-being and mental health: Development and initial validation of the Stronger Than Average Mentality (S.T.A.M.). National Collegiate Athletic Association Graduate Student Research Grant Competition, Submitted: \$7,000.
3. Elkins, G. [PI], Benge, J. [Co-PI], Kececs, Z. [Co-PI], Sliwinski, J. [Co-PI], & **Morgan, G. B.** [Consultant]. (2016) Hypnosis Relaxation Intervention to Improve QoL in Parkinson's Disease. Collaborative Faculty Research Investment Program (CFRIP), Baylor University, Submitted: \$50,000.
4. Hartlep, N. D. [PI], Hansen, C. M. [Co-PI], Horn, B. R. [Co-PI], & **Morgan, G. B.** [Co-PI] (2016-2019). Predicting and defining teacher effectiveness: An exploratory study of Florida public K-12 teachers' value added measure data. Institute of Education Sciences, Submitted: \$1,598,413.

### Grant Applications - Not Funded

1. Styck, K. [PI], & **Morgan, G. B.** [Co-PI]. (2015-2016). Estimating the Effects of Early Exposure to Violence on Internalizing and Externalizing Behaviors. American Educational Research Association, Not Funded: \$35,000.
2. **Morgan, G. B.** [PI], Saxon, T. F. [Co-PI], & Bowden, R. G. [Consultant]. (2014-2015). Examining cognitive and behavioral change in aging adults: Applications of growth mixture modeling using the Seattle Longitudinal Survey. National Institute on Aging, Not Funded: \$74,478.
3. **Morgan, G. B.** [PI] (2013-2014). Examining teacher change during the school year: A latent transition investigation using Measures of Effective Teaching data. Measures of Effective Teaching (MET) Early Career Research Grants competition, National Academy of Education & University of Michigan's Institute for Social Research, Not funded: \$25,000.

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<sup>1</sup>Baylor Graduate Student

4. Valerio, W. [PI], Luchok, K. [Co-PI], Reynolds, R. [Co-PI], & **Morgan, G. B.** [Consultant]. (2014-2016). Children's Music Behavior Inventory with minority, low-resourced parents. Grammy Foundation, Not funded: \$19,996.
5. **Morgan, G. B.** [PI] (2014). Causal Analysis Using International Data Training Program. AERA Institute on Statistical Analysis for Education Policy, Not funded: Registration & Travel expenses.

## Programming Languages

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

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

## Service

### Profession

1. Panelist, National Science Foundation - Educational & Human Resources Directorate review panel.
2. Editorial Board, Journal of Psychoeducational Assessment.
3. Ad hoc reviewer, National Science Foundation - Methodology, Measurement, & Statistics program.
4. Ad hoc Manuscript reviewer, *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*.
5. Ad hoc Manuscript reviewer, *Structural Equation Modeling*.
6. Ad hoc Manuscript reviewer, *Multivariate Behavioral Research*.
7. Ad hoc Manuscript reviewer, *Journal of Intelligence*.
8. Manuscript reviewer, *Research in the Schools*, 2011–2013.
9. Proposal reviewer, South Carolina Educators for the Practical Use of Research Conference, 2009–2011.
10. Proposal reviewer, Southeastern Association for Educational Studies Conference, 2008.

### Professional Leadership Positions

1. Program chair, Structural Equation Modeling Special Interest Group (AERA), Nominee.
2. Board member (elected), Southwest Educational Research Association, 2016-2018.
3. Division D Mentoring Committee, American Educational Research Association, 2012–2014.
4. Senior Representative to the Graduate Student Committee, American Educational Research Association Division D (Research Methodology and Measurement), 2010–2012.
5. Board member, South Carolina Educators for the Practical Use of Research, 2008–2013.
6. Treasurer, South Carolina Educators for the Practical Use of Research, 2008–2011.

7. Student Ambassador, SAS Institute, 2010.
8. Student Ambassador, American Evaluation Association, 2010.

### University or School

1. Co-Director, Baylor Ed Psych in Costa Rica Study Abroad Program
2. Coordinator, Quantitative Methods Specialization (M.A. & Ph.D.), Department of Educational Psychology, School of Education, Baylor University
3. Member, School of Education Summer Sabbatical & Research Leave Task Force, Baylor University School of Education, 2015.
4. Member, Transfer Year Experience Advisory Board, Baylor University
5. Member, Graduate Faculty Council, Baylor University School of Education
6. Member, International Studies and Experiences Committee, Baylor University School of Education
7. Member, Center for Astrophysics, Space Physics, and Engineering Research (CASPER), Baylor University
8. Member, School Psychology Faculty Search Committee, Department of Educational Psychology, Baylor University, 2014.
9. Member, School of Education Summer Sabbatical & Research Leave Task Force, Baylor University School of Education, 2013.

### Community & Practitioners

1. Undergraduate Research Advisor/Statistics Consultant, Providence Hospital Research Department, 2015–present.
  - Pitts, W., **Morgan, G. B.**, Benitez, S., & Ikram, A. (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 Student Research Day, Waco, TX.
  - Parker, D., Martin, M., **Morgan, G. B.**, Mathes, L., Gershberg, & Moffett, D. (2016, April). *Identifying the social needs of Providence CHF clinic patients.* Poster presented at the 3<sup>rd</sup> Annual Student Research Day, Waco, TX.
  - Murillo, B., **Morgan, G. B.**, Moffett, D. & Munroe, R. (2016, April). *The rate of false negative rapid cytology interpretations (ROSE) in the pulmonary lab at Providence Hospital in 2014.* Poster presented at the 3<sup>rd</sup> Annual Student Research Day, Waco, TX.
  - Turney, W., **Morgan, G. B.**, Fechner, S., & Boese, R. (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 3<sup>rd</sup> Annual Student Research Day, Waco, TX.
  - Borowski, A., Mathes, L. & **Morgan, G. B.** (2016, April). *Comparing the utility and cost of CT scans versus CTAs for acute stroke treatment.* Poster presented at the 3<sup>rd</sup> Annual Student Research Day, Waco, TX.

- Skeen, S., **Morgan, G. B.**, Boese, R., Gershberg, & Munroe, R. (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 Student Research Day, Waco, TX.
  - Borowski, A., **Morgan, G. B.**, Bouchard, P., & Fechner, S. (2016, April). *Evaluation of the utility of SI Injections in treating LBP/leg pain at Providence Hospital*. Poster presented at the 3<sup>rd</sup> Annual Student Research Day, Waco, TX.
2. **Morgan, G. B.** (2011, February). *Item Writing Guidelines Workshop: Multiple-Choice*. Workshop facilitated for Charlotte-Mecklenburg Schools, Charlotte, NC.
  3. 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.
  4. **Morgan, G. B.** (2012, March). *Item Writing Guidelines Workshop: Constructed-Response & Performance Assessments*. Workshop facilitated for Charlotte-Mecklenburg Schools, Charlotte, NC.
  5. **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.
  6. **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.

### 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

### Dissertations & Theses

#### Doctoral Dissertation, Chair

1. Wells, K. E. (in progress). Working title: *An examination of fit index ability to detect nonlinear latent growth curve models*. (Baylor University, Department of Educational Psychology).
2. Stamatis, A. (2016). *Mental toughness in sport: Perspectives of master strength and conditioning coaches*. (Baylor University, Department of Educational Psychology).

3. Hodge, K. J. (2015). *Testlet effects on pass/fail decisions under competing Rasch models*. (Baylor University, Department of Educational Psychology).

Doctoral Dissertation, Committee Member

1. Tinsley, G. (2016). *Effects of Acute Dietary Changes on Estimates of Body Composition*. (Baylor University, Department of Health, Human Performance, & Recreation).
2. 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).
3. 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).
4. Attai, S. A. (2015). *The relationship between perceived parenting styles and feelings of entitlement in college students*. (Baylor University, Department of Educational Psychology).
5. 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).
6. Thompson, L. (2015). *Perceptions of teaching nonliterate adults in oral cultures: A modified Delphi study*. (Baylor University, Department of Educational Psychology).
7. 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).
8. 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, Committee Member

1. Farmer, A. A. (2015). *From their eyes: A deeper analysis of career and technical education during secondary school*. (Baylor University, Department of Educational Psychology).
2. 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).
3. Clendennen, S. L. (2014). *Socio-ecological risk factors of hospital readmission in an underserved population*. (Baylor University, Department of Health, Human Performance & Recreation).
4. 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

1. 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

- 2015 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

1. American Educational Research Association, 2008–Present
2. National Council on Measurement in Education, 2009–2013
3. Structural Equation Modeling Special Interest Group (AERA), 2010–Present
4. Multilevel Modeling Special Interest Group (AERA), 2011–Present
5. Southwest Educational Research Association, 2012–Present
6. South Carolina SAS User’s Group, 2009–2013
7. South Carolina Educators for the Practical Use of Research, 2008–2012
8. American Evaluation Association, 2006–2012
9. North Carolina Association for Research in Education, 2007–2012