

## Curriculum Vita

Sara Tomek

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### **Professional Preparation**

University of Illinois	Quantitative Psychology	Ph.D. 2006
University of Illinois	Psychology	A.M. 2002
University of Illinois	Statistics	M.S. 2002
Millikin University	Experimental Psychology	B. A. 1998

### **Professional Appointments**

Associate Professor, Educational Psychology, Baylor University, August 2019 – present.  
Program Coordinator, Educational Research, University of Alabama, August 2016-August 2019.  
Associate Professor, College of Education, University of Alabama, August 2016- August 2019.  
Director, Research Assistance Center, College of Education, University of Alabama, August 2012- May 2015.  
Assistant Professor, College of Education, University of Alabama, August 2009-August 2016.  
Assistant Research Scientist, Georgia Center for Assessment, University of Georgia, June 2007-July 2009.  
Academic Research Associate, Life Span Institute, University of Kansas, August 2005-May 2007.

### **Peer-Reviewed Journal Articles**

#### *Accepted for Publication*

Matloob, T., Jiang, S., Tomek, S., & Hooper, L. M. (2022). Exploring pre-service teachers' perspectives: Gender and gender representation across human protagonists in picture books. Accepted for Publication in *International Journal of Educational Methodology*.

#### *Advanced Online Publications*

Borchet, J., Tomek, S., Schneider, W. S., Lewandowska-Walter, A., & Hooper, L.M. (2021). Parentification in Polish adolescents: A prevalence study. *Journal of Child and Adolescent Trauma*.

Tomek, S., Bolland, A. C., Porter, M., Gun, E., Hooper, L. M., Church, W. T., & Bolland, J. M. (2021). The longitudinal impact of adolescent alcohol initiation on school absences and school violations. *Youth and Society*.

Jaggers, J. W., Tomek, S., Hooper, L. M., Mitchell-Williams, M. T., & Church, W. T. (2021). What about the parental response? The effect of delinquency and anger on parental monitoring. *The Family Journal*.

Hooper, L. M., Lee, S., Tomek, S., Jaggers, J., Kim, G., & Church, W. (2021). Attachments to peers and school: Longitudinal moderators of the relation between caregiver psychological distress and adolescent hopelessness. *Journal of Youth and Adolescence*.

*Publications in Print*

- Tomek, S., & Robinson, C. D. (2021). Piecewise growth modeling using SAS PROC MIXED. *Measurement: Interdisciplinary Research and Perspective, 19*, 140-151.
- Tomek, S., Moore, H. M., Robinson, C. D., Bolland, A. C., Hooper, L. M., & Bolland, J. M. (2020). A longitudinal study of the impact of school delinquency on self-worth development among Black American adolescents. *Journal of Community Psychology, 48*, 2391-2409.
- Mugoya, G., Witte, T., Bolland, A. C., Hooper, L. M., Tomek, S., & Bolland, J. M. (2020). Depression and intimate partner violence among African American women living in impoverished inner-city neighborhoods. *Journal of Interpersonal Violence, 34*, 899-923.
- Hooper, L. M., Mugoya, G., Burton, S., & Tomek, S. (2020). Psychometric evaluation of the Parentification Inventory – Swahili version in Kenyan adults: Factor structure, reliability, and validity. *Journal of Multicultural Counseling and Human Development, 48*, 58-78.
- McLeod, R., Kim, S., Tomek, S., & McDaniel, S. C. (2019). Effects of a summer school-readiness program on measures of literacy and behavior growth. *Early Childhood Development and Care, 189*, 1284-1291.
- Porter, M., Choi, Y-J., & Tomek, S. (2019). Factor structure of the CES-D in an impoverished African American sample. *International Journal of Assessment Tools in Education, 6*, 592-601.
- Bolland, A. C., Besnoy, K. D., Tomek, S., Bolland, J. M. (2019). The effects of academic giftedness and gender on developmental trajectories of hopelessness among students living in economically disadvantaged neighborhoods. *Gifted Child Quarterly, 63*, 225-242.
- Tomek, S., Bolland, K. A., Bolland, J. M., Hooper, L. M., Church, W. T., & Bolland, A. C. (2019). Age of alcohol initiation matters: Examining gender differences in the recency and frequency of alcohol use across adolescence using a sample of impoverished minority adolescents. *Youth and Society, 51*, 120-145.
- Hooper, L. M., Burton, S., Tomek, S., Cauley, B., Washington, A., & Pospel, P. (2018). The mediating effects of parentification on the relation between parenting behavior and well-being and depressive symptoms in early adolescents. *Journal of Child and Family Studies, 27*, 4044-4059.
- Bolland, A. C., Tomek, S., Besnoy, K. D., Bolland, J. M. (2018). Gifted ‘n the ‘hood: Gender and giftedness as predictors of social risk among low-income students. *Exceptionality, 26*, 190-208.
- Arrellano, B., Mier-Chairez, O., Tomek, S., & Hooper, L. M. (2018). Parentification and language brokering: Similarities and differences in correlates of mental health outcomes. *Journal of Mental Health Counseling, 40*, 353-373.
- McDaniel, S., Lochman, J., Tomek, S., Powell, N., Irwin, A., & Kerr, S. (2018). Reducing risk for emotional and behavioral disorders in late elementary school: A comparison of two targeted interventions. *Journal of Behavioral Disorders, 43*, 370-382.

- Mugoya, G., Hooper, L. M., Tomek, S., George-Dalmida, S., Bolland, A., Ufomadu, J., & Bolland, J. (2018). The interrelationships among pain, depressive symptoms, loneliness, and employment status: A moderated mediated study. *Clinical Rehabilitation, 32*, 967-979.
- Lankford, A., & Tomek, S. (2018). Mass killings in the United States from 2006-2013: Social contagion or random clusters? *Suicide and Life-Threatening Behavior, 48*, 459-467.
- Jaggers, J. W., Bolland, A. C., Tomek, S., Bolland, K. A., Hooper, L. M., Church, W. T., & Bolland, J. M. (2018). The longitudinal impact of distal, non-familial relationships on parental monitoring: Implications for delinquent behavior. *Youth and Society, 50*, 160-182.
- Tomek, S., Burton, S., Hooper, L. M., Bolland, A. C., & Bolland, J. M. (2018). Suicidality in Black American youth living in impoverished neighborhoods: Is school connectedness a protective factor? *School Mental Health, 10*, 1-11.
- Jaggers, J. W., Tomek, S., Hooper, L. M., Mitchell-Williams, M. T., & Church, W. T. (2017). Delinquency, anger, & parental warmth: An analysis of minority youth living in extreme poverty. *Child Welfare, 6*, 29-61.
- Hooper, L. M., Tomek, S., Jaggers, J., Idigo, C., Church, W. T., Williams, J., & Bolland, J. (2017). Changes in perceived levels of environmental stress before and after a suicide attempt in Black American adolescents: A 14-year longitudinal study. *Journal of Mental Health Counseling, 39*, 242-262.
- Tomek, S., Bolland, A. C., Hooper, L. M., Hitchcock, S., & Bolland, J. M. (2017). The impact of middle school connectedness on future high school outcomes in a Black American sample. *Middle Grades Research Journal, 11*, 1-12.
- Bolland, A. C., Tomek, S., & Bolland, J. (2017). Does missing data in studies of hard-to-reach populations bias results? Not necessarily. *Open Journal of Statistics, 7*, 264-289.
- Jaggers, J. W., Bolland, A. C., Tomek, S., Church, W. T., Hooper, L. M., Bolland, K. A., & Bolland, J. M. (2017). Does biology matter in parent-child relationships? Examining parental warmth among adolescents from low-income families. *Journal of Family Issues, 38*, 225-247.
- Bolland, K. A., Bolland, A. C., Bolland, J. M., Church, W. T., Hooper, L. M., Jaggers, J. W., & Tomek, S. (2016). Trajectories of school and community connectedness in adolescence by gender and delinquent behavior. *Journal of Community Psychology, 44*, 602-619.
- Bolland, K. A., Bolland, J. M., Tomek, S., Devereaux, R., Mrug, S., & Wimberly, J. C. (2016). Trajectories of adolescent alcohol use by gender and early initiation status. *Youth and Society, 48*, 3-32.
- Hooper, L. M., Tomek, S., Roter, D., Carson, K. A., Mugoya, G., & Cooper, L. A. (2016). Depression, patient characteristics, and attachment style: Correlates and mediators of medication treatment adherence in a racially diverse primary care sample. *Primary Health Care Research and Development, 17*, 184-197.
- Tomek, S., Hooper, L. M., Church, W. T., Bolland, K. A., Bolland, J. M., & Wilcox, K. (2015). Relations among suicidality, recent/frequent alcohol use, and gender in a Black American adolescent sample: An exploratory longitudinal investigation. *Journal of Clinical Psychology, 71*, 544-560.

- Celen-Demirtas, S., Konstam, V., & Tomek, S. (2015). Leisure activities in unemployed emerging adults: Links to career adaptability and subjective well-being. *The Career Development Quarterly*, 63, 209-222.
- Church, W. T., Jagers, J., Tomek, S., Bolland, A. C., Bolland, K. A., Hooper, L. M., & Bolland, J. M. (2015). Does permissive parenting relate to levels of delinquency?: An examination of family management practices in low-income Black American families. *Journal of Juvenile Justice*, 4, 95-110.
- Hooper, L. M., Tomek, S., Bolland, K. A., Church, W. T., Wilcox, K., & Bolland, J. M. (2015). The impact of previous suicide ideations, traumatic stress, and gender on future suicide ideation trajectories among Black American adolescents: A longitudinal investigation. *Journal of Loss and Trauma: International Perspectives on Stress and Coping*, 20, 354-373.
- Hooper, L. M., Tomek, S., Bond, J., & Reif, M. (2015). Race/ethnicity, gender, parentification, and psychological functioning: Comparisons among a nationwide university sample. *The Family Journal*, 23, 33-48.
- Jagers, J., Church, W. T., Tomek, S., Hooper, L. M., Bolland, K. A., & Bolland, J. M. (2015). Adolescent development as a determinant of family cohesion: A longitudinal analysis of adolescents in the Mobile Youth Survey. *Journal of Child and Family Studies*, 24, 1625-1637.
- Konstam, V., Celen-Demirtas, S., Tomek, S., & Sweeney, K. (2015). Career adaptability and subjective well-being in unemployed emerging adults: A promising AND cautionary tale. *Journal of Career Development*, 42, 463-477.
- Konstam, V., Cook, A. L., Tomek, S., Mahdavi, E., Gracia, R., & Bayne, A. H. (2015). What factors sustain professional growth among school counselors? *Journal of School Counseling*, 13, 1-40.
- Konstam, V., Cook, A. L., Tomek, S., Mahdavi, E., Gracia, R., & Bayne, A. H. (2015). Evidence-based practice, work engagement, and professional expertise of counselors. *The Professional Counselor*, 5, 67-80.
- Konstam, V., Tomek, S., Celen-Demirtas, S., & Sweeney, K. (2015). Volunteering and reemployment status in unemployed emerging adults: A time-worthy investment? *Journal of Career Assessment*, 23, 152-165.
- Umlauf, M. G., Bolland, A. C., Bolland, K. A., Tomek, S., & Bolland, J. M. (2015). The effects of age, gender, hopelessness, and exposure to violence on sleep disorder symptoms and daytime sleepiness among adolescents in impoverished neighborhoods. *Journal of Youth and Adolescence*, 44, 518-542.
- Jagers, J., Tomek, S., Bolland, K.A., Church, W.T., Hooper, L.M., & Bolland, J.M. (2014). Personal and anticipated strain among youth: A longitudinal analysis of delinquency. *Journal of Juvenile Justice*, 3, 38-54.
- Shaffer, V. A., Tomek, S. & Hulsey, L. (2014). The effect of narrative information in a publicly available patient decision aid for early stage breast cancer. *Journal of Health Communication*, 29, 64-73.
- Williams, J.D., Bolland, K.A., Hooper, L.M., Church II, W. T., Tomek, S., & Bolland, J.M. (2014). Say it loud: The Obama effect and racial/ethnic identification of adolescents. *Journal of Human Behavior in the Social Environment*, 24, 858-868.

- Jaggers, J., Church, W. T., Tomek, S., Bolland, K. A., Hooper, L. M., & Bolland, J. M. (2013). Predictors of gang involvement: A longitudinal analysis of data from the Mobile Youth Survey. *Journal of the Society for Social Work and Research, 4*, 277-291.
- Robinson, C. D., Tomek, S., & Schumacker, R. E. (2013). Tests of moderation effects: Difference in simple slopes versus the interaction term. *Multiple Linear Regression Viewpoints, 39*, 16-24.
- Church, W. T., Tomek, S., Bolland, K. A., Hooper, L. M., Jaggers, J., & Bolland, J. M. (2012). A longitudinal examination of predictors of delinquency: An analysis of data from the Mobile Youth Survey. *Children and Youth Services Review, 34*, 2400-2408.
- Hooper, L. M., Doehler, K., Jankowski, P., & Tomek, S. (2012). Patterns of self-reported alcohol use, body mass index, and depressive symptoms in a rural family sample: The buffering effects of parentification. *The Family Journal: Counseling and Therapy for Couples and Families, 20*, 164-178.
- Hooper, L. M., Tomek, S. & Newman, C. R. (2012). Using attachment theory in medical settings: Implications for primary care physicians. *Journal of Mental Health, 21*, 23-37.
- Sharp, R. L., Larson, L. R., Green, G. T., & Tomek, S. (2012). Comparing interpretive methods targeting invasive species management at Cumberland Island National Seashore. *Journal of Interpretation Research, 17*, 23-46.
- Templin, J., Henson, R., Templin (Tomek), S., & Roussos, L. (2008). Robustness of unidimensional hierarchical modeling of discrete attribute association in cognitive diagnosis models. *Applied Psychological Measurement, 32*, 559-574.
- Publications Currently Under Review*
- Borchet, J., Hooper, L. M., Tomek, S., Schneider, W. S., & Debski, M. (Under Review). Intersection of family structure and parentification in Polish adolescents: A prevalence study. Under editorial review by *Journal of Clinical Child and Adolescent Psychology*.
- Borchet, J., Schneider, W. S., Lewandowska-Walter, A., Tomek, S., & Hooper, L. M. (Under Review). Psychometric evaluation of the Parentification Inventory in a Polish adolescent sample. Under editorial review by *Child and Youth Care Forum*.
- Elliott, A.P., Gallucci, A.R., Oglesby, L.W., Funderburk, L.L., Lanning, B.A., & Tomek, S. (Under Review). Adverse outcomes associated with burnout in athletic training students. Under editorial review by *Athletic Training Education Journal*.
- Elliott, A.P., Gallucci, A.R., Oglesby, L.W., Funderburk, L.L., Lanning, B.A., & Tomek, S. (Under Review). Potential alleviators of burnout in athletic training students. Under editorial review by *Athletic Training Education Journal*.
- Jean-Marie, G., Johnson, D. D., Pinkston, C., Carpenter, B. W., Spikes, D. D., Bowers, A., Tomek, S., & Hooper, L. M. (Under Review). Associations among instructional capacity, learning conditions, cultural validation, parent capacity, and academic achievement: Implications for school administrators. Under editorial review by *Journal of Educational Administration*.

- Jiang, S., Guo, L., & Tomek, S. (Revise and Resubmit). Patterns of teacher-student relationships and classroom management practices: How it relates to work stress and classroom climate. Under editorial review by *Teaching and Teacher Education*.
- McDaniel, S. C., Albritton, K., Freedman, A., Shi, Q., & Tomek, S. (Under Review). Mitigating risk through summer programming for social emotional learning. Under editorial review by *Infants and Young Children*.
- McDaniel, S. C., Nese, R., Jiang, S., Tomek, S. (Revise and Resubmit). District-wide outcomes from bullying prevention programming embedded within schoolwide PBIS. Under editorial review by *Journal of School Health*.
- McDaniel, S. C., Tomek, S., Jiang, S., & Hooper, L. M. (Revise and Resubmit). Investigating middle school student-staff perceptions of climate, discipline, and diversity following changes in demography and school-wide PBIS. Under editorial review by *Journal of Applied Social Psychology*.
- Porter, M., Tomek, S., Wind, S. (Under Review). The relationships between language and music aptitude: A multivariate regression approach. Under editorial review by *Language*.
- Schneider, W. S., Hampton, M., Tomek, S., & Hooper, L. M. (Under review). Trends in adolescent suicide behaviors in the state of Iowa. Under editorial review by *JAMA Pediatrics*.

### **Book Chapters**

- Patrick, S. M., Rucinski, D. A., & Tomek, S. (2016). Meta analyses of research on use of professional learning communities and their effects on student and teacher learning. D. A. Rucinski (Ed.). In *Real World Professional Learning Communities: Their Uses and Effects*. Boston, MA: Rowman and Littlefield.
- Budescu, D. V. & Templin (Tomek), S. (2008). Valuation of vague prospects with mixed outcomes. T. Connolly, T. Kugler, C. Smith, and Y. J. Son (Eds.). In *Decision Modeling and Behavior in Uncertain and Complex Environments*. New York, NY: Springer.

### **Encyclopedia Entries**

- Tomek, S. (2018). Categorical data analysis. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*. Thousand Oaks, CA: SAGE.
- Tomek, S. (2018). Decision consistency. In *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*. Thousand Oaks, CA: SAGE.

### **Textbooks**

- Schumacker, R. & Tomek, S. (2013). *Understanding statistics using R: Simulation and theory*. New York, NY: Springer.
- Tomek, S. & Schumacker, R. (Under Contract). *Beginning statistics using R*. Charlotte, NC: Information Age Publishing.

**Technical Reports**

Hooper, L. M., Jean-Marie, G., Johnson, D. D., Tomek, S., Carpenter, B. W., Spikes, D. D., Bowers, A., & Pinkston, C. (2018, July). Equity responsive climate research report—Year 2 quantitative findings [Yearly Report]. Funded by the Jefferson County Public Schools: Diversity, Equality, and Poverty Programs Division.

Templin, J., Roussos, L., Templin (Tomek), S., & Henson, R. (2005). Comparison of latent attribute joint distribution estimation methods. Educational Testing Service External Diagnostic Research Group Technical Report.

Templin, J., Henson, R., Templin (Tomek), S., & Roussos, L. (2004). Robustness of hierarchical modeling of Attribute correlation in cognitive diagnosis models. Educational Testing Service External Diagnostic Research Group Technical Report.

Templin (Tomek), S., Templin, J., & Henson, R. (2004). Fast Calibration. Educational Testing Service External Diagnostic Research Group Technical Report.

**Conference Presentations***Papers Presented at International Conferences*

Budescu, D. V. & Templin (Tomek), S. (2004, November). Valuation of vague prospects with mixed outcomes. Paper presented at the 2004 International Conference on the Foundations and Applications of Utility, Risk and Decision Theory in Paris, France.

*Papers Presented at National Conferences*

Jiang, S., Tomek, S., & Guo, L. (2020, April). Exploring teacher social-emotional style: How it relates to classroom climate and work stress. Paper presented at the 2020 annual meeting of the American Educational Research Association hosted virtually.

Lee, S., Tomek, S., Jagers, J., Church, W., Kim, G., & Hooper, L. M. (2020, January). Peer and school attachments: Moderators of caregiver psychological distress and adolescent hopelessness. Paper presented at the 2020 annual meeting for the Society for Social Work and Research in Washington, D.C.

Porter, M., Zhang, S., Tomek, S., & Choi, Y. (2018, April). Investigating the factor structure of the Center for Epidemiologic Studies – Depression Scale (CES-D) in parents of impoverished minority students. Poster presented at the 2018 annual meeting of the American Educational Research Association in New York, NY.

Tomek, S., Bolland, A. C., Hooper, L. M., & Bolland, J. M. (2017, April). School connectedness and suicidality: Is school connectedness a protective factor? Paper presented at the 2017 annual meeting of the American Educational Research Association in San Antonio, TX.

Bolland, A. C., Tomek, S. E., Besnoy, K. D., & Bolland, J. M. (2017, April). Gifted ‘n the ‘hood: Gender and giftedness as predictors of social risk among low-income students. Paper presented at the 2017 annual meeting of the American Educational Research Association in San Antonio, TX.

- Tomek, S., Bolland, A. C., Hooper, L. M., Hitchcock, S., Bolland, J. M. (2016, April). The impact of middle school connectedness on high school outcomes in a Black American sample. Paper presented at the 2016 annual meeting of the American Educational Research Association in Washington, D. C.
- Tomek, S., Bolland, A. C., Bolland, J. M., & Hitchcock, S. (2015, April). The effects of students' sense of belonging at school on low-income youths' school attendance and behavioral conduct. Paper presented at the 2015 annual meeting of the American Educational Research Association in Chicago, Illinois.
- Tomek, S., Bolland, A. C., Bolland, K. A., Bolland, J. M., Hooper, L. M., & Church, W. T. (2015, April). The effect of alcohol initiation on school attendance and school discipline. Poster presented at the 2015 annual meeting of the American Educational Research Association in Chicago, Illinois.
- Bolland, K. A., Tomek, S., Bolland, A. C., Jagers, J. W., Church, W. T., Hooper, L. M., & Bolland, J. M. (2015, April). Trajectories of school connectedness in adolescence by gender and delinquent behavior. Poster presented at the 2015 annual meeting of the American Educational Research Association in Chicago, Illinois.
- Tomek, S. & Robinson, C. (2014, April). Utilizing developmental period in longitudinal analysis. Paper presented at the 2014 annual meeting of the American Educational Research Association in Philadelphia, Pennsylvania.
- Tomek, S., Moore, H. M., Jagers, J., & Church, W. T. (2014, April). The impact of school delinquency on self-worth development among minority adolescents. Paper presented at the 2014 annual meeting of the American Educational Research Association in Philadelphia, Pennsylvania.
- Ostreko, A., Ryland, A., & Tomek, S. (2014, April). Predictors of graduate STEM degree production for women at U. S. master's institutions. Poster presented at the 2014 annual meeting of the American Educational Research Association in Philadelphia, Pennsylvania.
- Bolland, K., Williams, J., Bolland, J. M., Tomek, S., & Bolland, A. (2014, March). Effects of the Obama nomination, presidency, and message of hope on impoverished Black American adolescents. Paper presented at the 2014 Biennial meeting of the Society for Research on Adolescence in Austin, TX.
- Robinson, C., Tomek, S., Sheffield, A., Poole, T., Carter, C., & Davis, S. (2014, March). Examination of a revised measure of hope with cognitive and social dimensions. Paper presented at the 2014 Biennial meeting of the Society for Research on Adolescence in Austin, TX.
- Bolland, A., Bolland, J. M., & Tomek, S. (2013, August). Can hard-to-reach populations be studied without bias? Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Bolland, A., Bolland, J. M., Tomek, S., & Moore, H. (2013, August). Examining response categories: Does minimizing response burden maintain the instrument? Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Bolland, J. M., Bolland, A., Hitchcock, S., Bolland, K., & Tomek, S. (2013, August). Psychological responses to violence exposure in high-poverty African American youth. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Bolland, J. M., Tomek, S., Bolland, K., Bolland, A., Drummond, H., & Devereaux, R. (2013, August). Psychological sense of community revisited: The moderating effects of gang membership. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.



- Hitchcock, S., Bolland, J. M., & Tomek, S. (2013, August). Neighborhood and school contextual effects in high poverty African American population. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Hooper, L. M., Tomek, S., Church, W. T., Bolland, K., & Bolland, J. M. (2013, August). Suicidality, alcohol use, and gender in Black American adolescents: A longitudinal investigation. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Moore, H., Tomek, S., & Bolland, J.M. (2013, August). The impact of delinquency on self-worth development among minority adolescents. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Moore, H., Tomek, S., Bolland, J. M. (2013, August). Using evaluation to guide policy and practice for juvenile diversion. Poster presented at the 2013 annual meeting of the American Psychological Association in Honolulu, Hawaii.
- Bolland, J. M., Bolland, A., Bolland, K. A., Tomek, S., & Coddington, C. S. (2013, April). The measurement and meaning of inconsistencies in survey responses. Paper presented at the 2013 annual meeting of American Educational Research Association in San Francisco, California.
- Robinson, C. & Tomek, S. (2013, April). Development of self-worth among high poverty african-american adolescents. Paper presented at the 2013 annual meeting of American Educational Research Association in San Francisco, California.
- Robinson, C. & Tomek, S. (2013, April). Interaction versus simple effects and the threat of type II error in linear regression. Paper presented at the 2013 annual meeting of American Educational Research Association in San Francisco, California
- Tomek, S., Bolland, K., & Bolland, A. (2013, April). An examination of hopelessness and self-worth trajectories of young adolescent alcohol users living in extreme poverty. Poster presented at the 2013 Biennial meeting of the Society for Research on Child Development in Seattle, Washington.
- Tomek, S., Bolland, K., & Bolland, J. (2013, April). Does age of early alcohol initiation affect alcohol use in adolescents? Poster presented at the 2013 Biennial meeting of the Society for Research on Child Development in Seattle, Washington.
- Moore, H., Tomek, S., Robinson, C., & Bolland, J. (2013, April). The impact of delinquency on self-worth development among minority adolescents. Paper presented at the 2013 Biennial meeting of the Society for Research on Child Development in Seattle, Washington.
- Church, W. T., Tomek, S., Bolland, K. A., Hooper, L. M., & Jagers, J. (2013, April). A longitudinal examination of predictors of delinquency: An analysis of data from the Mobile Youth Survey. Paper presentation to the 2013 Annual meeting of the National Organization of Forensic Social Work in Seattle, Washington.
- Jagers, J., Church, W. T., Tomek, S., Bolland, K. A., & Hooper, L. M. (2013, April). Longitudinal investigation of predictors of gang involvement: Analysis of data from the Mobile Youth Survey. Paper presentation to the 2013 Annual meeting of the National Organization of Forensic Social Work in Seattle, Washington.

- Bolland, A., Tomek, S., & Bolland, J. (2012, October). Representativeness two ways: An assessment of the representativeness of and missing data patterns in a study of an at risk population. Poster presented at the 2012 Annual Meeting for the American Evaluation Association in Minneapolis, Minnesota.
- Moore, H., Tomek, S., & Bolland, J. (2012, October). Longitudinal evaluation of youth diversion: Expanding perspective using developmental patterns. Paper presented at the 2012 Annual Meeting for the American Evaluation Association in Minneapolis, Minnesota.
- Robinson, C. & Tomek, S. (2012, August). Interaction versus main effects and the threat of type II error in linear regression. Poster presented at the 2012 Annual Meeting for the American Psychological Association in Orlando, Florida.
- Robinson, C., Tomek, S., Coddington, C., & Bolland, J. M. (2012, August). Development of self-worth among high poverty, African-American adolescents. Poster presented at the 2012 Annual Meeting for the American Psychological Association in Orlando, Florida.
- Tomek, S. & Robinson, C. (2012, August). Examination of the robustness of parameter estimates of multilevel models with unbalanced designs. Poster presented at the 2012 Annual Meeting for the American Psychological Association in Orlando, Florida.
- Tomek, S. & Robinson, C. (2012, August). Utilizing developmental period in longitudinal analysis. Poster presented at the 2012 Annual Meeting for the American Psychological Association in Orlando, Florida.
- Robinson, C., Tomek, S., Coddington, C., & Bolland, J. M. (2012, March). Development of self-worth among high poverty, African-American adolescents. Paper presented at the 2012 Biennial Meeting for the Society for Research on Adolescence in Vancouver, British Columbia, Canada.
- Tomek, S. & Barth, J. M. (2011, November). Developmental trajectories of heuristic biases. Poster presented at the 2011 Annual Meeting for the Society for Judgment and Decision Making in Seattle, Washington.
- Shaffer, V. A., Hulsey, L., & Tomek, S. (2010, October). Understanding the influence of patient narratives in a decision aid for early stage breast cancer. Poster presented at the 2010 Annual Meeting for the Society for Medical Decision Making in Toronto, Ontario, Canada.
- Templin (Tomek), S. (2009, November). Biases present in state standards setting methods. Poster presented at the 2009 Annual Meeting of the Society for Judgment and Decision Making in Boston, Massachusetts.
- Shaffer, V. A., Templin (Tomek), S., Hulsey, L., & Barr, A. (2009, October). The effect of testimonials in patient decision aids. Paper presented at the 2009 Annual Meeting of the Society for Medical Decision Making in Hollywood, California.
- Templin (Tomek), S., Recesso, A. M., & Segall, M. (2009, April). Patterns of evidence availability, use, and influence on teacher assessment in K12 education. Paper presented at the 2009 Annual Meeting of the American Educational Research Association in San Diego, California.

- Templin (Tomek), S., Recesso, A. M., Segall, M., & Cavanagh, S. (2008, November). Differences in evidence use for teacher performance evaluation. Poster presented at the 2008 Annual Meeting of the Society for Judgment and Decision Making in Chicago, Illinois.
- Recesso, A. M., Cavanagh, S., Segall, M., Vess, S., & Templin (Tomek), S. (2008, March). Educational accountability policy: systematic use of evidence in policy analysis. Paper presented at the 2008 Annual Meeting of the American Educational Research Association in New York, New York.
- Recesso, A., Templin (Tomek), S., Ekici, C., & Cohen, A. (2007, November). Evidential reasoning in teacher assessment. Poster presented at the 2007 Annual Meeting of the Society for Judgment and Decision Making in Long Beach, California.
- Budescu, D.V. & Templin (Tomek), S. (2007, November). Gain-loss separability in certainty equivalents of mixed gambles. Poster presented at the 2007 Annual Meeting of the Society for Judgment and Decision Making in Long Beach, California.
- Templin (Tomek), S., Budescu, D. V., & Kareev, Y. (2006, November). Perceptions of correlations between multiple cues. Poster presented at the 2006 Annual Meeting of the Society for Judgment and Decision Making in Houston, Texas.
- Templin (Tomek), S., Templin, J., & Marquis, J. (2006, April). Statistical properties of age equivalent scores. Poster presented at the 2006 National Conference on Measurement in Education Conference in San Francisco, California.
- Templin (Tomek), S., & Budescu, D. V. (2005, November). Perceptions of correlations between multiple cues. Poster presented at the 2005 Annual Meeting of the Society for Judgment and Decision Making in Toronto, Ontario.
- Budescu, D. V. & Templin (Tomek), S. (2005, January). Valuation of vague prospects with mixed outcomes. Paper presented at the 2005 Annual Bayesian Research Conference in Fullerton, California.
- Budescu, D. V. & Templin (Tomek), S. (2004, November). Valuation of vague prospects with mixed outcomes. Paper presented at 2004 Annual Meeting of the Society for Judgment and Decision Making in Minneapolis, Minnesota.
- Templin (Tomek), S. & Budescu, D. V. (2004, November). Does altering the focal hypothesis affect the probability estimate? Poster presented at 2004 Annual Meeting of the Society for Judgment and Decision Making in Minneapolis, Minnesota.
- Templin (Tomek), S., & Budescu, D. V. (2003, November). Is the unpacking effect sensitive to question format? Poster presented at 2003 Annual Meeting of the Society for Judgment and Decision Making in Vancouver, British Columbia.
- Wiley, A. & Templin (Tomek), S. (2003, April). How they do it on the farm: The relationship of stressors and resources to parenting behaviors. Poster presented at the 2003 Biennial Meeting of the Society for Research in Child Development in Tampa, Florida.

*Papers Presented at Regional Conferences*

- Jiang, S., Tomek, S., Padgett, R. N. (2021, February). Explore the patterns of Teacher-Student Interaction: Relationship to Emotional Intelligence and Teacher Efficacy. Virtual video presentation at Southwest Educational Research Education (SERA).

Templin (Tomek), S., Templin, J. & Jones, L. (2000, April). The ecological validity of a computer simulated roulette program. Paper presented at the 2000 meeting of the Rocky Mountain Psychological Association in Reno, Nevada.

### **Current & Pending Support**

#### **Funding Completed**

Title: *Exposure to Violence, Trauma, and Juvenile Court Involvement: A Longitudinal Analysis of Mobile Youth And Poverty Study Data (1998-2011)*

Role: Co-PI

Sponsor: U. S. Department of Justice

Dates: 10/01/2016 - 09/30/2017

Amount Funded: \$74,814

Effort: 1 calendar month

Title: *SEC Visiting Faculty Travel Grant Program*

Role: PI

Sponsor: Southeastern Conference

Proposed Dates: 10/01/2017 – 05/01/2018

Amount Funded: \$2,202

Title: *Effect of Including Testimonials in Patient Decision Aids: The Role of Numeracy, Literacy and Decision-Making Style*

Role: Co-PI

Sponsor: Foundation for Informed Decision Making

Proposed Dates: 12/01/2009 - 12/31/2009

Amount Funded: \$99,999

Effort: 1 calendar month

Title: *Learning Biological Processes Through Animations and Inquiry: A New Approach*

Role: Co-PI

Sponsor: NIH

Proposed Dates: 07/01/2008 - 09/30/2013

Amount Funded: \$1,296,673

Effort: 1 calendar month in years 4 and 5

#### **Non-Funded Proposals**

Title: *Immersive Virtual Reality for Change in Cross Cultural Competence (IVR4C<sup>3</sup>)*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 07/01/21 – 06/30/24

Amount Proposed: \$841,722

Title: *Using Immersive Virtual Reality to Build Pre-Service Teachers' Capacity for Cultural Competence, Cultural Humility, and Empathy to Improve Students' Academic, Emotional, and Behavioral Outcomes*

Role: Co-PI

Sponsor: IES

Proposed Dates: 08/01/21 – 07/31/25

Amount Proposed: \$1,503,459

Title: *The Assessment of a Comprehensive Smartphone Application to Address Substance Use and Health Disparities in Justice-Involved Youth*

Role: Co-PI

Sponsor: NIH

Proposed Dates: 07/01/21 – 06/30/26

Amount Proposed: \$3,298,283

Title: *Remotely-Accessible Interdisciplinary STEM Education*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 09/01/20 – 08/31/23

Amount Proposed:

Title: *Caregiver Coaching by Home-Based Early Intervention Professionals*

Role: Co-PI

Sponsor: Foundation for Child Development

Proposed Dates: 05/01/20 – 04/30/22

Amount Proposed: \$453,000

Title: *Exploring STEAM PBL Teaching from the Perspective of School Leadership*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 09/01/2019-08/31/2023

Amount Proposed: \$2,871,254

Title: *Improving STEAM Teaching and Student Learning through STEAM Leadership*

Role: External Evaluator

Sponsor: NIH

Proposed Dates: 01/01/2019-01/01/2022

Amount Proposed: \$438,509

Title: *Principal Leadership*

Role: Co-PI

Sponsor: U.S. Department of Education

Proposed Dates: 08/16/2016 - 08/15/2021

Amount Proposed: \$1,323,463

Title: *Reducing Stress Among Public Housing Residents to Improve Child health and Life Outcomes*

Role: Co-PI

Sponsor: NIH

Proposed Dates: 10/01/2016 - 09/30/2021

Amount Proposed: \$3,526,266

Title: *Making Meaning from Community Data: Gathering People and Gathering Evidence*

Role: Co-PI

Sponsor: William T. Grant Foundation

Proposed Dates: 12/01/2017 - 12/31/2020

Amount Proposed: \$550,000

Title: *Effects of Institutional Interventions on the Psychological and Behavioral Trajectories of High-Poverty Adolescents*

Role: PI

Sponsor: NIH

Proposed Dates: 01/01/2016 – 12/31/2017

Amount Proposed: \$146,530

Title: *Empowering Public Housing Residents for Improved Health and Life Outcomes*

Role: Co-PI

Sponsor: NIH

Proposed Dates: 10/01/2015 – 09/30/2020

Amount Proposed: \$3,474,477

Title: *Psychological Consequences of Exposure to Violence as Determinants of Educational Outcomes: A Longitudinal Study of Impoverished African American Students*

Role: Co-PI

Sponsor: IES

Proposed Dates: 09/01/2012 - 8/31/2014

Amount Proposed: \$697,539

Title: *Organizing Low Income Neighborhoods for Hope and Health*

Role: Co-PI

Sponsor: Center for Medicare and Medicaid Innovation

Proposed Dates: 03/31/2012 - 03/30/2015

Amount Proposed: \$13,803,674

Title: *An Evaluation of Makes Sense Strategies SMARTsheets in Improving Student Writing*

Role: Consultant

Sponsor: IES

Proposed Dates: 05/01/2011 - 04/30/2015

Amount Proposed: \$2,370,000

Title: *VISTA: Vertical Integration of Science and Technology in Alabama*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 05/01/2011 - 04/30/2012

Amount Proposed: \$299,999

Title: *Who Provides the Narratives: Does Race/Ethnicity or Socioeconomic Status Matter?*

Role: Co-PI

Sponsor: Foundation for Informed Decision Making

Proposed Dates: 09/01/2010 - 08/31/2011

Amount Proposed: \$100,000

Title: *Who Provides the Narratives: Does Gender, Race/Ethnicity or SES Matter?*

Role: PI

Sponsor: University of Alabama

Proposed Dates: 05/01/2010 - 04/30/2011

Amount Proposed: \$5,000

Title: *Evaluating the Impact of FLASH Sex Education and Supplementary Computer Modules in Human Reproductive Biology on the Incidence of Behaviors Contributing to Unintended Pregnancies in Clarke County, GA*

Role: Co-PI

Sponsor: NIH

Proposed Dates: 03/01/2010 - 02/28/2015

Amount Proposed: \$1,259,183

Title: *Relative Age in Grade: Risks for Adverse Schooling Outcomes and Implications for Educational Reform*

Role: Co-PI

Sponsor: IES

Proposed Dates: 01/01/2010 - 12/31/2012

Amount Proposed: \$227,000

Title: *Evidential Reasoning to Inform Growth and Support for Science Teachers (EVRISST)*

Role: Co-PI

Sponsor: USDE/IES

Proposed Dates: 07/01/2009 - 06/30/2011

Amount Proposed: \$847,957

Title: *Helping Patients to Accept the Use of Decision Aids in Medicine*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 07/01/2009 - 6/30/2010

Amount Proposed: \$43,852

Title: *Collaborative Research: Evidence Use in Patient Treatment Choice*

Role: PI

Sponsor: NSF

Proposed Dates: 07/01/2009 - 06/30/2010

Amount Proposed: \$27,975

Title: *Enhancing Leadership through policy Evaluation, Valid Assessment, and Systematic use of Evidence (ELEVATE)*

Role: Co-PI

Sponsor: IES

Proposed Dates: 01/01/2009 - 12/31/2010

Amount Proposed: \$894,393

Title: *Contribution to Solving an Educational Leadership Problem*

Role: Co-PI

Sponsor: USDE/IES

Proposed Dates: 01/01/2009 - 12/31/2011

Amount Proposed: \$1,472,360

Title: *Innovative Leadership Through Evidence-Assisted Decisions (ILEAD)*

Role: Co-PI

Sponsor: USDE

Proposed Dates: 10/01/2008 - 09/30/2011

Amount Proposed: \$502,393

Title: *Validating Methods and Tools for Video-based Observation of Classrooms*

Role: Co-PI

Sponsor: Spencer Foundation

Proposed Dates: 09/01/2008 - 08/30/2010

Amount Proposed: \$264,022

Title: *Evidence-Informed Decisions Improved with Certainty Techniques (EDICT)*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 08/01/2008 - 07/31/2011

Amount Proposed: \$665,100

Title: *Evidence-Informed Teacher Assessment (eInquiry)*

Role: Co-PI

Sponsor: NSF

Proposed Dates: 08/01/2008 - 07/31/2010

Amount proposed: \$299,965

Title: *Effects of Enhanced Anchored Instruction on Low Achieving High School Students*

Role: Co-PI

Sponsor: University of Kentucky (USDE/IES)

Proposed Dates: 07/01/2008 - 06/30/2012

Amount proposed: \$273,428

Title: *Identifying the Factors Affecting Patient Disapproval of Medical Diagnostic Support Systems*

Role: PI

Sponsor: University of Georgia

Proposed Dates: 01/01/2008 - 12/31/2008

Amount proposed: \$5,000

Title: *Teacher Success Model*

Role: Co-PI

Sponsor: USDE/IES

Proposed Dates: 09/01/2007 - 08/31/2008

Amount proposed: \$99,267

Title: *Secondary Analysis of Head Start Transition Health Outcomes*

Role: Co-PI

Sponsor: USDHHS

Proposed Dates: 09/01/2007 - 08/31/2009

Amount proposed: \$49,328

### **Teaching Experience**

Advanced Multivariate Statistical Methods. (Summer 2020, Summer 2021). ICPSR Summer Research Institute. University of Michigan.

Applied Multiple Regression and Correlation Analysis (EDP 6362, Spring 2020, Spring 2021, Graduate Level). Baylor University: Department of Educational Psychology: Quantitative Methods Program.

Experimental Design II (EDP 6361, Spring 2020, Graduate Level). Baylor University: Department of Educational Psychology: Quantitative Methods Program.



Statistical Methods (EDP 5334, Fall 2019, Fall 2020, Fall 2021, Graduate Level). Baylor University: Department Of Educational Psychology: Quantitative Methods Program.

Experimental Design I (EDP 6360, Fall 2019, Fall 2020, Fall 2021, Graduate Level). Baylor University: Department of Educational Psychology: Quantitative Methods Program.

Special Topics: Dissemination in Quantitative Research (BER 695, Spring 2018, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Multivariate Analysis (BER 641, Fall 2016, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Quantitative Research Methods (BER 600, Summer 2016, Summer 2017, Summer 2018, Spring 2019, Summer 2019, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Educational Research (BER 500, Spring 2015 Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: International Program.

Advanced Research Design (BER 645, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Spring 2019, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Quant II (BER 640, Spring 2014, Spring, 2015, Spring 2016, Spring 2017, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Educational Statistics (BER 345, Fall 2009, Spring 2010, Summer 2010, Fall 2010, Spring 2011, Summer 2011, Fall 2011, Spring 2012, Summer 2012, Fall 2012, Spring 2013, Summer 2013, Fall 2013, Summer 2014, Summer 2015, Fall 2015, Spring 2016, Summer 2016, Fall 2016, Summer 2017, Fall 2017, Summer 2018, Undergraduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Statistical Methods in Education (BER 540, Summer 2010, Fall 2010, Summer 2011, Summer 2012, Summer 2013, Spring 2019, Summer 2019, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Special Topics: Applied Longitudinal Data Analysis (BER 695, Fall 2011, Graduate Level). University of Alabama: Department of Educational Studies in Psychology, Research Methodology, & Counseling: Educational Research Program.

Applied Correlation and Regression Methods in Education (ERSH 8320, Spring 2008, Graduate Level). University of Georgia: Department of Education: Research, Evaluation, Measurement, and Statistics Program.

Applied Statistical Methods in Education (ERSH 6300, Fall 2007, Graduate Level). University of Georgia: Department of Education: Research, Evaluation, Measurement, and Statistics Program.

Methods of Research in Education (ERSH 6200, Summer 2007, Graduate Level). University of Georgia: Department of Education: Research, Evaluation, Measurement, and Statistics Program.

Multivariate Analysis (PSYC 893, Fall 2006, Graduate Level). University of Kansas: Department of Psychology: Quantitative Program.

Categorical Data Analysis (PSYC 895, Fall 2006, Graduate Level). University of Kansas: Department of Psychology: Quantitative Program.

Research Methods in Psychology (PSYC 310, Summer 2006, Undergraduate Level). University of Kansas: Department of Psychology: Quantitative Program.

Statistical Methods in Psychology – II: General Linear Models (PSYC 791, Spring 2006, Graduate and Undergraduate Level). University of Kansas: Department of Psychology: Quantitative Program.

Statistical Methods in Psychology – I: Basic Statistics and General Linear Models (PSYC 790, Fall 2005, Graduate and Undergraduate Level). University of Kansas: Department of Psychology: Quantitative Program.

### **Scholarly Activities**

Invited  
Reviewer

Child Psychiatry and Human Development  
Children and Youth Services Review  
Developmental Psychology  
Educational Assessment Journal  
Emerging Adulthood  
Exceptionality  
Journal of General Internal Medicine  
Journal of Career Development  
Journal of Counseling Psychology  
Journal of Research on Adolescence  
Journal of Social and Personal Relationships  
Learning and Instruction  
Medical Decision Making  
Substance Use and Misuse  
Youth and Society

Reviewer

American Educational Research Association  
Society for Research in Child Development: Developmental Methodology (Longitudinal Methodology)  
Society for Judgment and Decision Making  
Society for Medical Decision Making

### **Professional Memberships**

2002 Member, American Statistical Association  
2002- 2012 Member, Society for Judgment and Decision Making  
2006- 2013 Member, National Council on Measurement in Education  
2008- present Member, American Educational Research Association  
2009- 2011 Member, Society for Medical Decision Making

### **Honors**

2005 Society of Multivariate Experimental Psychology Dissertation Award  
2018 Outstanding Research Article in the Journal of Mental Health Counseling 2017-18

## **Technical Skills**

### **Statistics**

Longitudinal data analysis, hierarchical linear models, multivariate data analysis, linear and nonlinear mixed models, categorical data analysis, ANOVA models, regression models, unidimensional scaling, multidimensional scaling, clustering and classification, SEM, path analysis, biological statistics, power analysis, and meta-analysis.

### **Statistical Software**

SAS, S-Plus, R, SPSS, SYSTAT, HLM, Mplus, Matlab

## **Mentoring**

Faculty Mentor for Tide Together: Team Mentoring for Graduate Students (2014-2015, Equiller Mahone)

Faculty Mentor for Honors Program: Educational Studies Minor Research Project (2015, Karen Ekeh)

## **Dissertation Chair**

Shan Jiang, Expected Graduation December 2022

Egemen Gun, December 2020 Graduate

Mitch Porter, May 2019 Graduate

Keisha Wilson, May 2019 Graduate

Peggy Meherg, Summer 2019 Graduate

Brie Winkles, August 2017 Graduate

Crystal Holder, December 2015 Graduate

Heather Moore, May 2015 Graduate

William Stewert, May 2012 Graduate (Co-Chair)