

Todd Kettler, Ph.D.

Curriculum Vitae

Executive Director / Associate Professor
Center for Gifted Education and Talent Development
Baylor University School of Education
Department of Educational Psychology

One Bear Place #97301
Waco, Texas 76798-7301
todd_kettler@baylor.edu
254.710.6116

ORCID: 0000-0003-3816-242X

Open Science Framework: osf.io/h2wnb

AREAS OF EXPERTISE

- Gifted education programs and access to gifted education programs
- Creativity, problem solving and expert talent development
- Curriculum design for gifted education and talent development

EDUCATION

2012 Ph.D. Educational Psychology
Baylor University, Waco, Texas

1994 M.S. Ed. Curriculum and Instruction
Baylor University, Waco, Texas

1991 B.A. Philosophy
Baylor University, Waco, Texas

PROFESSIONAL EXPERIENCE

2023 – Baylor University, School of Education, Waco, Texas
Executive Director, Center for Gifted Education and Talent Development

2021 – 2023 Baylor University, School of Education, Waco, Texas
Department Chair for Educational Psychology

2018 – Baylor University, School of Education, Waco, Texas
Associate Professor, Department of Educational Psychology

2012 – 2018 University of North Texas, College of Education, Denton, Texas
Assistant Professor, Department of Educational Psychology

2005 – 2012 Coppell Independent School District, Coppell, Texas
Director of Advanced Academics

2001 – 2005 Waco Independent School District, Waco, Texas

Director of Advanced Academics

2001 – 2005 Baylor University School of Education, Waco, Texas
Adjunct Lecturer in Curriculum and Instruction

2000 – 2001 Education Service Center Region XII, Waco, Texas
Gifted Education Specialist

1995 – 2000 Middle School and High School English Teacher

PROFESSIONAL AFFILIATIONS

2022 - Editor, *Journal of Gifted Education and Creativity*

2022 - Fellow, International Society for the Study of Creativity and Innovation

2022 - Board of Directors, Vice-President, Texas Council for International Studies

2021 - Director, Creativity and Education Symposium

2021 - Board of Directors, Vice-President, DeBusk Foundation, Dallas, Texas

2019 - Executive Director, Baylor Center for Gifted Education and Talent Development

PUBLICATION RECORD

Data-Based or Theoretical Refereed Papers

38. Sodergren, C. D. C., **Kettler, T.**, Sulak T. N., & Payne, A. M. (2023). Teacher self-efficacy, innovativeness, and preparation to teach cross-curriculum skills. *International Journal of Contemporary Educational Research*, 10(1), 197-209.
<https://doi.org/10.33200/ijcer.1104747>

37. Sanguras, L. Y., **Kettler, T.** Gibson, S., Torres, A., & Haqqi, H. (2023). Improving equity in gifted education: Analyzing the fairness of the Scales for the Identification of Gifted Students (SIGS-2). *Gifted and Talented International*, 38(1), 31-44.
<https://doi.org/10.1080/15332276.2023.2237555>

36. Walker, A. M., & **Kettler, T.** (2022). Teaching as complex intellectual work: A phenomenological study of social studies pedagogy. *The Social Studies*, 113(6), 283-299.
<https://doi.org/10.1080/00377996.2022.2054923>

35. Padgett, R. N., Shan, J., Shero, L., & **Kettler, T.** (2022). Development of a perceptions of online learning scale to assess teachers' beliefs. *Journal of Psychoeducational Assessment*, 40(6), 691-706. <https://doi.org/10.1177/07342829221088696>

34. Boedeker, P., Lamb, K. N., & **Kettler, T.** (2022). Simulating evaluating disproportionality-based indicators of inequitable selection practices into advanced academic programming. *Gifted Child Quarterly*, 66(4), 316-329. <https://doi.org/10.1177%2F00169862221106463>
33. Ozkan, F., **Kettler, T.** (2022). The effect of STEM education on the academic success and social-emotional development of gifted students. *Journal of Gifted Education and Creativity*, 9(2), 143-163. <https://dergipark.org.tr/en/pub/jgedc/issue/69844>
32. Chamberlin, S. A., Payne, A. M., & **Kettler, T.** (2022). Mathematical modeling: A positive learning approach to facilitate student sense making in mathematics. *International Journal of Mathematical Education in Science and Technology*, 53(4), 858-871. <https://doi.org/10.1080/0020739X.2020.1788185>
31. Walker, A. M., Bower, J., & **Kettler, T.** (2021). Preadolescent advanced readers: Exploring attitudes, beliefs, and behaviors. *Gifted Child Today*, 44(2), 68-82. <https://doi.org/10.1177/1076217520940756>
30. Mullet, D. R., Rinn, A. N., & **Kettler T.** (2021). Catalysts of women's success in academic STEM: A feminist post-structural analysis. *Journal of International Women's Studies*, 22(1), 83-103. <https://vc.bridgew.edu/jiws/vol22/iss1/5>
29. Katz-Buonincontro, J., Hass, R., **Kettler, T.**, Tang, L. M., & Hu, W. (2021). Partial measurement invariance of beliefs about teaching for creativity across U.S. and Chinese educators. *British Journal of Educational Psychology*, 91(2), 563-583. <https://doi.org/10.1111/bjep.12379>
28. Walker, A. M., & **Kettler, T.** (2020). Developing critical thinking skills in high ability adolescents: Effects of a debate and argument analysis curriculum. *Talent*, 10(1), 21-39. <https://doi.org/10.46893/talent.758473>
27. Lamb, K. N., Boedeker, P., & **Kettler, T.** (2019). Inequities of identification in gifted education: A statewide application of the twenty-percent equity allowance formula. *Gifted Child Quarterly*, 63, 205-224. <https://doi.org/10.1177/0016986219830768>
[Awarded *Gifted Child Quarterly* Paper of the Year]
26. Margot, K. C., & **Kettler, T.** (2019). Teachers' perceptions of STEM integration/education: A systematic literature review. *International Journal of STEM Education*, 6(2), 1-16. <https://doi.org/10.1186/s40594-018-0151-2>
25. Puryear, J. S., **Kettler, T.**, & Rinn, A. N. (2019). Relating personality and creativity: Considering what and how we measure. *Journal of Creative Behavior*, 53(2), 232-245. <https://doi.org/10.1002/jocb.174>
24. Mullet, D. R., **Kettler, T.**, & Sabatini, A. (2018). Gifted students' conceptions of their high school STEM education. *Journal for the Education of the Gifted*, 41(1), 60-92. <https://doi.org/10.1177/0162353217745156>

23. **Kettler, T.**, Lamb, K. N., Willerson, A., & Mullet, D. R., (2018). Teacher perceptions of creativity in the classroom. *Creativity Research Journal*, 30(2), 164-171.
<https://doi.org/10.1080/10400419.2018.1446503>
22. Mullet, D. R., Rinn, A. N., & **Kettler, T.** (2017). Catalysts of women's talent development in STEM: A systematic review. *Journal of Advanced Academics*, 28(4), 253-289.
<https://doi.org/10.1177/1932202X17735305>
21. **Kettler, T.**, Oveross, M. E., & Bishop, J. C. (2017). Gifted education in preschool: Perceived barriers and benefits of program development. *Journal of Research in Childhood Education*, 31(3), 342-359. <https://doi.org/10.1080/02568543.2017.1319443>
20. **Kettler, T.**, & Bower, J. (2017). Measuring creative capacity in gifted students: Comparing teacher ratings and student products. *Gifted Child Quarterly*, 61(4), 290-299.
<https://doi.org/10.11770016986217722617>
19. **Kettler, T.**, Oveross, M. E., & Salman, R. C. (2017). Preschool gifted education: Perceived challenges associated with program development. *Gifted Child Quarterly*, 61(2), 117-132. <https://doi.org/10.1177/0016986217690228>
18. Puryear, J. S., & **Kettler, T.** (2017). Rural gifted education and the effect of proximity. *Gifted Child Quarterly*, 61(2), 143-152. <https://doi.org/10.1177/0016986217690229>
17. Puryear, J. S., **Kettler, T.**, & Rinn, A. N. (2017). Relationships of personality to differential conceptions of creativity: A systematic review. *Psychology of Aesthetics, Creativity, and the Arts*, 11(1), 59-68. <https://doi.org/10.1037/aca0000079>
16. **Kettler, T.**, & Hurst, L. T. (2017). Advanced academic participation: A longitudinal analysis of ethnicity gaps in suburban schools. *Journal for the Education of the Gifted*, 40(1), 3-19. <https://doi.org/10.1177/0162353216686217>
15. **Kettler, T.**, Puryear, J. S., & Mullet, D. R. (2016). Defining rural in gifted education research: Methodological challenges and paths forward. *Journal of Advanced Academics*, 27(4), 245-265. <https://doi.org/10.1177/0162353216686217>
14. Mullet, D. R., Blackmon, K. N., Willerson, A., & **Kettler, T.** (2016). Examining teacher perceptions of creativity: A systematic review of the literature. *Thinking Skills and Creativity*, 21(1), 9-30. <https://doi.org/10.1016/j.tsc.2016.05.0012016>
13. **Kettler, T.** (2016). Why are economists evaluating the impact of gifted education? *Journal of Advanced Academics*, 27(2), 81-89. <https://doi.org/10.1177/1932202X16636172>
12. **Kettler, T.**, Russell, J., & Puryear, J. S. (2015). Inequitable access to gifted education: Variance in funding and staffing based on locale and contextual school variables. *Journal for the Education of the Gifted*, 38(2), 99-117.
<https://doi.org/10.1177/0162353215578277>

11. **Kettler, T.**, & Margot, K. C. (2015). Aligning assessment, identification, and gifted education program services. *Tempo*, 36(2), 13-19.
10. **Kettler, T.** (2014). Critical thinking skills among elementary gifted students: Comparing identified gifted and general education student performance. *Gifted Child Quarterly*, 58(2), 127-136. <https://doi.org/10.1177/0016986214522508>
9. **Kettler, T.**, Saylor, M., & Stukel, R. (2014). Gifted education at the Texas Academy of Mathematics and Science: A model for STEM talent development. *Tempo*, 35(1), 8-16.
8. **Kettler, T.** (2011). Grouping and instruction for gifted students. *Gifted Child Today*, 34(3), 62-63. <https://doi.org/10.1177/107621751103400314>
7. Shiu, A., **Kettler, T.**, & Johnsen, S. K. (2009). Social effects of Hispanic students enrolled in an AP class in middle school. *Journal of Advanced Academics*, 21(1), 58-82. <https://doi.org/10.1177/1932202X0902100104>
6. Jolly, J. L., & **Kettler, T.** (2008). Gifted education research 1994-2003: A disconnect between priorities and practice. *Journal for the Education of the Gifted*, 31(4), 427-446. <https://doi.org/10.4219/jeg-2008-792>
5. **Kettler, T.** (2007). Gifted education left behind and run over. *Gifted Child Today*, 30(4), 42-43. <https://doi.org/10.4219/gct-2007-484>
4. **Kettler, T.**, Shui, A., & Johnsen, S. J. (2006). AP as an intervention for middle school Hispanic students. *Gifted Child Today*, 29(1), 39-46. <https://doi.org/10.4219/gct-2006>
3. Jolly, J. L., & **Kettler, T.** (2004). Authentic assessment of leadership in problem solving groups. *Gifted Child Today*, 27(1), 32-39. <https://doi.org/10.1177/107621750402700110>
2. **Kettler, T.** & Curliss, M. (2003). Mathematical acceleration in a mixed-ability classroom: Applying a tiered-objectives model. *Gifted Child Today*, 26(1), 52-55, 65. <https://doi.org/10.4219/gct-2003-89>
1. Johnsen, S. & **Kettler, T.** (2002). What the research says about humanities and gifted students. *Tempo*, 22(2), 24-28.

Peer-Review Manuscripts Currently in Review

- Jenson, J. W., **Kettler, T.**, & Ozkan, F. (2023). Application of gamification techniques in well control training and competency. [Manuscript submitted for publication]. Department of Educational Psychology, Baylor University.
- Lamb., K. N., Boedeker, P., & **Kettler, T.** (2023). *Measuring creative self-efficacy: Instrument development and validation*. [Manuscript submitted for publication]. Department of Educational Psychology, Baylor University.

Kettler, T., Ruiz, B. N., Jiang, S., & Payne, A. M. (2023). *Creativity belief bias among educators: The influence of fixed creative mindset and creative self-efficacy.* [Manuscript submitted for publication]. Department of Educational Psychology, Baylor University.

Kettler, T., Laird, Y. C., & Renbarger, R. (2022). *Underrepresentation of English-language learners in gifted education and the impact of gifted education policy.* [Manuscript submitted for publication]. Department of Educational Psychology, Baylor University.

Manuscripts in Preparation

Kettler, T., McDonald, J. L., & Laird, Y. C. (2023). *Leadership and advocacy: An analysis of the role of campus leadership in gifted education.* [Manuscript in preparation]. Department of Educational Psychology, Baylor University.

Ruiz, B. N., Sulak, T., **Kettler, T.**, & Robins, J. (2023). Parental burnout among parents of gifted children. [Manuscript in preparation]. Department of Educational Psychology, Baylor University.

Nagarajan, S., Toft, T., Neyman, R., & **Kettler, T.** (2023). Effectiveness of accelerated chemistry education on elementary gifted students. [Manuscript in preparation]. Department of Educational Psychology, Baylor University.

Kettler, T., Payne, A., & Ruiz, B. (2023). Cognitive characteristics of high ability students. Theoretical foundations of talent development and differentiated learning provisions. [Manuscript in preparation]. Department of Educational Psychology, Baylor University.

Other Published Papers (Invited, Non-Peer Review)

Kettler, T., Ruiz, B. N., & Spitsberg, T. (2023). What makes a creative teacher? *Pedagogical Dialogue*, 44(2), 5-9. <https://www.pd.cpm.kz>

Kettler, T., & Payne, A. M. (2020). Gifted students with ADHD: What do we know and what should we do? *The Gifted Education Review*, 5, 1-3.

Kettler, T. (2020). Democratic education and gifted education: The conceptual foundations of equity and cultural engagement. *National Association for Gifted Children Blog*. <https://www.nagc.org/blog/democratic-education-and-gifted-education-conceptual-foundations-equity-and-cultural-engagement>

Mendaglio, S., **Kettler, T.**, & Rinn, A. (2019). Psychology of giftedness and the theory of positive disintegration: A conversation with Sal Mendaglio. *Journal of Advanced Academics*, 30, 500-507. doi:10.1177/1932202X19869010

- Kettler, T.** (2019). Conducting registered report research: A conversation with Matthew McBee and Scott Peters. *Journal of Advanced Academics*, 30, 3-26.
doi:10.1177/1932202X18809371
- Kettler, T.** (2017, September 5). What constitutes good thinking? *And Still We Teach*.
<https://www.andstillweteach.com/blog/2017/9/5/what-constitutes-good-thinking>
- Kettler, T.** (2017, August 23). Knowledge that lasts: Teaching intellectual character. *And Still We Teach*. <https://www.andstillweteach.com/blog/2017/8/23/knowledge-that-lasts-teaching-intellectual-character>
- Kettler, T.** (2017, August 7). The power of reflection for deep learning. *And Still We Teach*.
<https://www.andstillweteach.com/blog/2017/8/7/the-power-of-reflection-for-deep-learning>
- Kettler, T.** (2017, July 21). Working with advanced readers. *And Still We Teach*.
<https://www.andstillweteach.com/blog/2017/7/21/working-with-advanced-readers>
- Lee, L. E., & **Kettler, T.** (2016, November 15). [Review of the book *Emotional intensity in gifted students: Helping kids cope with explosive feelings* by Christine Fonseca]. *Teachers College Record*. Retrieved from: <http://www.tcrecord.org/Content.asp?ContentID=21739>
- Bower, J., & **Kettler, T.** (2016). Advanced study habits for developing self-directed learners. *The Gifted Education Review*, 3, 9-11.
- Kettler, T.** (2016). What is advanced content in curriculum design? *The Gifted Education Review*, 2, 1-2, 6-7.
- McDonald, J. L., & **Kettler, T.** (2010). Our moral imperative: The ethics of leadership in gifted education. *NAGC Conceptual Foundations Newsletter*, 18(1), 6-8.
- Kettler, T.** (2009). Gifted education research. *Inquiry 1*(2), 1-3. [Newsletter for Research Division of TAGT]
- Kettler, T.** (2009). The power of imagination: A conversation with Tim O'Brien. *English in Texas*, 39(1), 57-62.
- Kettler, T.** (2009). Profiles in leadership: An interview with Fara Green, TAGT outstanding administrator in gifted education, 2008. *Tempo*, 29(1), 19-23.
- Kettler, T.** (2008). An interview with Jan Fall. *Tempo*, 28(1). 18-20.
- Kettler, T.** (2007, December 19). Gifted education in Texas: Reflections and aspirations. Blog posted to <http://coppellgifted.org/2007/12/19/gifted-education-in-texas-reflections-and-aspirations/>
- Kettler, T.** (2007). [Review of the book, *The social and emotional lives of gifted kids: Understanding and guiding their development*]. *Roeper Review*, 29, 214.

Kettler, T., Shiu, A., & Johnsen, S. K. (2006). Gifts of language diversity: Building educational aspirations with Latino students in middle school. *Gifted Education Communicator*, 37(4), 13-16.

Kettler, T. (2006). A call to greatness: Local advocacy. *Tempo*, 26(1), 8-12.

Kettler, T. (1994). [Review of the book. *Renewing America's schools: A guide to school-based action*]. *Baylor Educator*, 19(1), 44-46.

Psychometric Instruments

Ryser, G. R., McConnell, K., Sanguras, L. Y., & **Kettler, T. (2021).** *Scales for identifying gifted students (2nd ed.)*. Prufrock Press/Routledge.

Books

6. Katz-Buonincontro, J. & **Kettler, T. (Eds.)**. (in progress). *Oxford handbook of creativity and education*. Oxford University Press. [Anticipated Spring 2024]

5. **Kettler, T., & Taliaferro, C. (2022).** *Personalized learning in gifted education*. Routledge.

4. **Kettler, T. & Lamb, K. N., & Mullet, D. R. (2018).** *Developing creativity in the classroom: Learning and innovation for 21st century schools*. Prufrock Press.

3. **Kettler, T. (Ed.)**. (2016). *Democracy and education: The 100th anniversary edition*. Prometheus Press.

2. **Kettler, T. (Ed.)**. (2016). *Modern curriculum for gifted and advanced academic students*. Prufrock Press. [Winner of the 2016 Legacy Award for the Most Outstanding Scholarly Book in Gifted Education]

1. Hughes, C. E., **Kettler, T.**, Shaunessey-Dedrick, E., & VanTassel-Baska, J. (2014). *A teacher's guide to using the common core state standards with gifted and advanced learners in English/language arts*. Prufrock Press.

Book Chapters

18. **Kettler, T., & Lamb, K. N. (2022).** Domain-specific creativity: Person, process, product. In J. VanTassel-Baska & S. K. Johnsen (Eds.), *Handbook on assessments for gifted learners*, (pp. 133-147). Routledge.

17. **Kettler, T., & Hebda, M. R. (2022).** Transforming potential into exceptional achievement: Curriculum design in gifted education. In J. L. Roberts, T. F. Inman, & J. H. Robins (Eds.), *Introduction to gifted education*, (2nd ed., pp. 133- 150). Routledge.

16. **Kettler, T.**, & Sulak, T. N. (2022). Strength-based approaches to recognize and develop talent in twice exceptional learners. In F. H. R. Piske, K. H. Collins, & K. Arnstein (Eds.). *Critical issues in servicing twice exceptional students* (pp. 123-136). Springer Nature. https://doi.org/10.1007/978-3-031-10378-0_9
15. **Kettler, T.** (2020). Preface: Developing talent in a complex and creative world. In F. H. R. Piske, T. Stoltz, A. Rocha, C. Costa-Lobo, & M. Nuñez (Eds.), *Identification and enrichment programs for gifted students* (pp. 81-96). Juruá Psicologia.
14. **Kettler, T.**, Lamb, K. N., & Lee, L. E. (2020). Developing talent and creativity through four levels of differentiated programming. In F. H. Piske, T. Stoltz, E. Guérios, D. de Camargo, A. Rocha, & C. Costa-Lobo (Eds.), *Superdotados e talentosos: Educação, emoção, criatividade e potencialidades* (pp. 11-15). LIT Verlag.
13. **Kettler, T.** & Brown, K. K. (2020). Developing critical thinking skills and dispositions in gifted education learning designs. In J. H. Robins, J. L. Jolly, F. Karnes, & S. Bean (Eds.) *Methods and materials for teaching the gifted* (5th ed) (pp. 299-324). Prufrock Press.
12. **Kettler, T.**, & Puryear, J. S. (2018). Curriculum, methods, and authentic experiences in science and mathematics specialized schools. In B. MacFarlane (Ed.), *Specialized schools for high-ability learners: Designing and implementing programs in specialized school settings* (pp. 177-188). Prufrock Press.
11. **Kettler, T.** (2018). Curriculum for gifted students: Developing talent and intellectual character. In J. L. Roberts, T. F. Inman, & J. H. Robins (Eds.), *Introduction to gifted education*. (pp.145-164). Prufrock Press
10. **Kettler, T.** (2016). John Dewey and the promise of democratic education. In T. Kettler (Ed.), *Democracy and education: The 100th anniversary edition*, (pp. xiii-xxi). Prometheus Press.
9. **Kettler, T.**, & Shurtleff, K. G. (2016). Transforming power of an idea: Interpreting Dewey's democracy and education for 21st century schools. In T. Kettler (Ed.), *Democracy and education: The 100th anniversary edition*, (pp. 255-266). Prometheus Press.
8. **Kettler, T.** (2016). Curriculum design in an era of ubiquitous information and technology: New possibilities for gifted education. In T. Kettler (Ed.), *Modern curriculum for gifted and advanced academic students*, (pp. 3-22). Prufrock Press.
7. **Kettler, T.** (2016). A differentiated approach to critical thinking. In T. Kettler (Ed.), *Modern curriculum for gifted and advanced academic students*, (pp. 91-110). Prufrock Press.
6. **Kettler, T.**, & Puryear, J. S. (2016). Research experiences for high school students: A curriculum for expertise and authentic practice. In T. Kettler (Ed.), *Modern curriculum for gifted and advanced academic students*, (pp. 189-204). Prufrock Press.
5. **Kettler, T.** (2016). Romance, precision, and integration: Developing talent and expertise in writing. In T. Kettler (Ed.), *Modern curriculum for gifted and advanced academic students*, (pp. 275-296). Prufrock Press.

4. **Kettler, T., & Sanguras, L.** (2014). Naiveté, imagination, and a glimpse of the sublime: Organic creativity in teaching literature. In J. Piirto (Ed.), *Organic creativity in the classroom: Teaching to intuition in academics and the arts*, (pp. 3-16). Prufrock Press.
3. VanTassel-Baska, J. (Ed.). (2013). *Using the common core state standards for English language arts with gifted and advanced learners*. [Contributing authors: Hughes, C. E., Jolly, J. L., **Kettler, T.**, Troxclair, D. A., Johnsen, S.K.]. Prufrock Press.
2. **Kettler, T., Shiu, A., & Johnsen, S. K.** (2008). Gifts of language diversity: Building educational aspirations with Latino students in middle school. In Gosfield, M. W. (Ed.), *Expert approaches to support gifted learners: Professional perspectives, best practice, and positive solutions* (pp. 181-188). Free Spirit.
1. **Kettler, T., & Curlis, M.** (2005). Mathematical acceleration in a mixed-ability classroom: Applying a tiered-objectives model. In S. K. Johnsen & J. Kendrick (Eds.) *Math education for gifted students* (pp. 83-92). Prufrock Press.

GRANTS AND CONTRACTS

External Funding

- 2024 **Principal Investigator**, *Baylor DECATS Program*
DECATS. \$24,200. Summer Program for Gifted Students. Baylor DECATS is a funded program providing summer enrichment learning opportunities for students who have demonstrated high abilities. Funding for this program defers tuition costs to provide access to more students.
- 2022 – 2023 **Principal Investigator**: *Expanding Opportunities in Advanced Academics (Project EXPO)*. \$30,000. Project EXPO seeks to use high quality assessment data to match students with opportunities in advanced academic programs to increase college and career readiness for Waco students. Funding Source: Waco Independent School District
- 2020 – 2021 **Co-Principal Investigator**: *Project Promise: A Precollegiate Program for Low-Income Gifted Students*. \$15,757. Project Promise consists of four key components: (a) identification of students, (b) courses that match the students' interests and career goals, (c) support to parents and families of advanced students, and (d) development of students' interpersonal relationships with mentors and peers. Funding Source: Independent Bank.
- 2018 – 2021 **Principal Investigator**: *Customization of Classroom Practices within the Waco Independent School District*. \$45,600. This research project is a partnership with the Advanced Academics Department in Waco ISD to gather and analyze data regarding identification and achievement of advanced academic students in the Waco Schools. Funding Source: Waco Independent School District.

- 2007 – 2008 **Principal Investigator:** *Building an SAT Vocabulary*
Coppell Education Foundation grant award for \$3,825.00 (one-year project). The Building an SAT Vocabulary project implemented an instructional program in honors and GT English classes in the Coppell school district. The project involved approximately 3500 students in grades six through twelve and includes a pre- and post-test evaluation design to measure student performance using vocabulary in context.
- 2005 **Principal Investigator:** *Math 2 the Max*
Waco Education Foundation grant award for \$5,240.00 (one-year project) Math 2 the Max was a program developed for Waco ISD's most mathematically talented elementary students (grades 3-5). Students selected for the program participated in summer math programs and received differentiated instructional opportunities throughout the school year.
- 2003 – 2006 **Authoring Committee/Key Personnel:** *Crossroads in American History*
United States Department of Education, Teaching American History Grant Award: \$925,000 (three-year project). Primary Investigator: Wes Null, Baylor University. Served as planning committee member and coordinator for one of four focus areas in this partnership project between Texas Education Service Center Region 12, Baylor University, and Waco Independent School District.
- 2003 – 2005 **Principal Investigator:** *Advanced Placement Spanish Middle School Grant*
Texas Education Agency AP Incentive Grant as part of the United States Department of Education AP Incentive flow-through grant program. Award: \$52,500 (two-year project). Served as principal investigator for this grant to implement AP Spanish programs with native Spanish speaking middle school students.

PAPERS PRESENTED

Peer-Reviewed Papers and Posters

- Nagarajan, S., **Kettler, T.**, Toft, T., Neyman, R. (2023, November 9-12). *Systematic science acceleration for gifted students*. [Paper presentation]. National Association for Gifted Children, Orlando, FL, United States.
- Kettler, T.**, Dai, D. Y., Puryear, J. S. (2023, November 9-12). *Emerging conceptions of talent development, creativity, and curriculum*. [Paper presentation]. National Association for Gifted Children, Orlando, FL, United States.
- Kettler, T.**, Spitsberg, T., Walker, A. (2023, November 9-12). *Advanced readers and creativity: Toward 21st century best practice*. [Paper presentation]. National Association for Gifted Children, Orlando, FL, United States.

- Kettler, T.** (2023, September 11-13). Supporting and sustaining creative pedagogy: The importance of teacher belief systems. In T. Kettler (Chair), *The influence of belief systems on creative education* [Symposium]. Marconi Institute for Creativity, Trieste, Italy.
- Payne, A. N., & **Kettler, T.** (2023, April 13-16). Experiences of intellectually gifted students with attention deficit hyperactivity disorder: An application of psychological compensation theory. In A. Frazier, (Chair), *Diverse populations in gifted education* [Symposium]. American Educational Research Association Annual Meeting, Chicago, IL, United States.
- Kettler, T.** (2023, April 13-16). Commentary on educational practices in gifted education. [Discussant]. In K. Snyder, (Chair). *Educational practices in gifted education* [Symposium]. American Educational Research Association Annual Meeting, Chicago, IL, United States.
- Sodergren, S., & **Kettler, T.** (2022, December 1). Strategic program design model: A framework for improving gifted programs. [Paper presentation]. Texas Association for the Gifted and Talented, Houston, TX, United States.
- Ruiz, B., & **Kettler, T.** (2022, November 19). *Tired? Burnout among parents of gifted and talented children.* [Poster presentation]. National Association for Gifted Children. Indianapolis, IN, United States.
- Kettler, T.** & Sanguras, L. Y. (2022, August 4-6). Using behavioral rating scales to measure students' creative potential. In J. Katz-Buonincontro (Chair) *Capturing creativity in the classroom: Emerging research trends* [Symposium]. American Psychological Association, Minneapolis, MN, United States.
- Kettler, T.** (2022, June 16-19). *Pedagogy of creativity: Preparing educators for innovative teaching and learning.* [Paper presentation]. The Paris Conference on Education, The International Academic Forum (IAFOR), Paris, France.
- Kettler, T.** (2022, April 21-26). Commentary on creativity in gifted education [Discussant]. In K. N. Lamb, (Chair). *Creativity in gifted education* [Symposium]. American Educational Research Association Annual Meeting, San Diego, CA, United States.
- Griffith, S., & **Kettler, T.** (2021, December 1-3). *Matching above-level assessment to learning opportunity and talent development.* [Paper presentation]. GiftED21 Texas Association for the Gifted and Talented, Dallas, TX, United States.
- Kettler, T.**, Payne, A. M., & Scully, M. (2021, December 1-3). *Complex and engaging problem solving using mathematical modeling.* [Paper presentation]. GiftED21 Texas Association for the Gifted and Talented, Dallas, TX, United States.
- Kettler, T.**, & Leibowitz, L. (2021, November 11-14). *Teaching for excellence: Overcoming common barriers to differentiation.* [Paper presentation]. National Association for Gifted Children, Denver, CO, United States.

- DeClue, R. J. T., **Kettler, T.**, & Robinson, E. L. (2021, November 11-14). *Exploration of perceived stress in gifted adolescents*. [Poster presentation]. National Association for Gifted Children, Denver, CO, United States.
- Kettler, T.**, Laird, Y. C., Hebda, M. (2021, April 9-12). Gifted education policy and equitable identification for students in gifted education. In J. L. Jolly (Chair). *Advancing equity in gifted education* [Symposium]. American Educational Research Association Annual Meeting, Washington, DC, United States.
- Tipton, R., **Kettler, T.**, Robinson, R. L. (2021, April 9-12). Elevated stress among gifted adolescents compared to high school peers. In J. H. Robins (Chair), *Stress and anxiety of gifted students* [Symposium]. American Educational Research Association Annual Meeting, Washington, DC, United States.
- Laird, Y. C., & **Kettler, T.** (2021, April 9-12). Underrepresentation of English language learners in gifted education. In D. Baker (Chair), *Academic achievement and educational opportunities of emergent bilinguals* [Symposium]. American Educational Research Association Annual Meeting, Washington, DC, United States.
- Payne, A. M., Hebda, M., Coleman, R., & **Kettler, T.** (2021, February 3-5). *Experiences of intellectually gifted students with ADHD in higher education*. [Paper presentation]. Southwest Educational Research Association Annual Meeting, San Antonio, TX.
- Tipton, R., & **Kettler, T.** (2021, February 23-36). *Perceived stress in gifted adolescents: An exploratory study*. [Poster presentation]. National Association of School Psychologists Annual Convention, Bethesda, MD.
- Tipton, R., & **Kettler, T.** (2021, February 23-36). *Twice-exceptional post-secondary students with ADHD: A Phenomenological Study*. [Poster presentation]. National Association of School Psychologists Annual Convention, Bethesda, MD.
- Kettler, T.**, & Laird, Y. C. (2020, November). *Innovation in learning and performance: Characteristics of creative schools*. Paper presented at the Annual conference for the National Association for Gifted Children, Washington, DC.
- Kettler, T.**, Sussman, C., & Farris, A. (2020, November). *Stress among gifted students and the mitigating role of psychological strengths*. Paper presented at the Annual conference for the National Association for Gifted Children, Washington, DC.
- Taliaferro, C., **Kettler, T.** Warren, A. Leslie, J. (2020, November). *Evaluating a program for high gifted students. A model for improvement*. Paper presented at the Annual conference for the National Association for Gifted Children, Washington, DC.
- Katz-Buonincontro, J., Hass, R., **Kettler, T.**, Tang, L. M., & Hu, W. (2020, August). *Factorial invariance of beliefs about teaching for creativity across U.S. and Chinese educators*. Paper presented at the Creativity in Teaching and Training Symposium at the Annual Conference of the American Psychological Association, Washington, DC.

- Kettler, T.,** Jiang, S., & Payne, A. N. (2020, April). *Creativity belief bias among educators: The influence of fixed creative mindset and creative self-efficacy*. Paper presented at the Annual Convention of the American Educational Research Association, San Francisco, CA. [Conference Cancelled due to Covid-19]
- Lamb, K. N., Boedeker, P., & **Kettler, T.** (2020, April). *Measuring creative self-efficacy: Instrument development and validation*. Paper presented at the Annual Convention of the American Educational Research Association, San Francisco, CA. [Conference Cancelled due to Covid-19]
- Kettler, T.,** & Renbarger, R. (2020, April). *Teacher preparation in gifted education: An analysis of a standards-based licensure program*. Poster presented at the Annual Convention of the American Educational Research Association, San Francisco, CA. [Conference Cancelled due to Covid-19]
- Kettler, T.** (2019, December). *Next level differentiation: Infusing creative and critical thinking into learning design*. Paper presented at the annual GiftED19 conference, San Antonio, TX.
- Kettler, T.** & Sanguras, L. (2019, December). *Seeking diverse talent using the SIGS-2 observational checklist*. Paper presented at the annual GiftED19 conference, San Antonio, TX.
- Kettler, T.** (2019, December). *Top ten things you should know about the new state plan*. Paper presented at the annual GiftED19 conference, San Antonio, TX.
- Mofield, E., **Kettler, T.,** Dai, D., Stambaugh, T., & Little, C. (2019, November). *Emerging conceptions of gifted curriculum: Where are we and where do we go from here*. Paper presented at the Annual Conference of the National Association for Gifted Children, Albuquerque, NM.
- Lamb, K. N., Mullet, D. R., & **Kettler, T.** (2019, November). *Unlock creative potential by developing psychological strengths*. Paper presented at the Annual Conference of the National Association for Gifted Children, Albuquerque, NM.
- Kettler, T.,** Renbarger, R., & McDonald, J. (2019, November). *The administrator's role in gifted education*. Poster presented at the Annual Conference of the National Association for Gifted Children, Albuquerque, NM.
- Payne, A. N., Tipton, R., & **Kettler, T.** (2019, November). *ADHD in higher education*. Poster presented at the Annual Conference of the National Association for Gifted Children, Albuquerque, NM.
- Lamb, K. N., Boedeker, P., & **Kettler, T.** (2019, July). *Development and validation of a measure of creative self-efficacy*. Paper presented at the Annual Creativity Conference at Southern Oregon University, Ashland, OR.

- Lamb, K. N., & **Kettler, T.** (2019, April). *Creating self-efficacy and personality: From imagination to creativity*. Paper presented at the Annual Convention of the American Educational Research Association, Toronto, Ontario, Canada.
- Kettler, T.** (2019, April). *Developing gifted and talented writers*. Paper presented at the Leadership Conference of the Texas Association for the Gifted and Talented, Georgetown, TX.
- Griffith, S., & **Kettler, T.** (2019, April). *Creating a pipeline of college-ready students*. Paper presented at the Leadership Conference of the Texas Association for the Gifted and Talented, Georgetown, TX.
- Kettler, T.**, Lamb, K. N., Mullet, D. R. (2018, November). *Developing creativity in the classroom: Learning and innovation for 21st century schools*. Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, Fort Worth, TX.
- Lamb, K. N., & **Kettler, T.** (2018, November). *Changing the tide: Developing creative talent in the 21st century*. Paper presented at the Annual Conference of the National Association for Gifted Children, Minneapolis, MN.
- Oveross, M. E., & **Kettler, T.** (2018, November). *Nurturing creativity through literature: Strategies for the classroom in grades 4-8*. Paper presented at the Annual Conference of the National Association for Gifted Children, Minneapolis, MN.
- Lamb, K. N., & Boedeker, P., & **Kettler, T.** (2018, April). *Inequities in enrollment in gifted education: A statewide application of the 20% equity allowance formula*. Paper presented at the Annual Conference of the American Educational Research Association, New York, NY.
- Mullet, D. R., & **Kettler, T.** (2018, April). *A general critical discourse analysis framework for educational research*. Paper presented at the Annual Conference of the American Educational Research Association, New York, NY.
- Walker, A. M., Bower, J., & **Kettler, T.** (2018, April). *An analysis of gifted readers and identity development in early adolescence*. Poster presented at the Annual Conference of the American Educational Research Association, New York, NY.
- Makel, M. C., Olszewski-Kubilius, P., Subotnik, R. F., Plucker, J., & **Kettler, T.** (2018, April). *Making research understandable and actionable to non-researchers*. Symposium presented at the Annual Conference of the American Educational Research Association, New York, NY. [Discussant Role]
- Oveross, M. E., Jett, N., & **Kettler, T.** (2017, November). *Creativity in literacy: Developing creative thinking and production using picture books*. Paper presented at the Annual Conference of the American Educational Research Association, Charlotte, NC.

- Kettler, T., & Lee, L. E.** (2017, December). *Thinking on the boundaries: Integrating curriculum, technology, and creativity*. Paper presented at the Annual Conference of the Texas Association of the Gifted and Talented, Houston, TX.
- Lamb, K. N., **Kettler, T.**, & Bower, J. (2017, April). *Predictive factors for creativity in writing*. Paper presented at the Annual Conference of the American Educational Research Association, San Antonio, TX.
- Mullet, D. R., & **Kettler, T.** (2017, April). *Gifted students' lived experiences in secondary STEM education*. Paper presented at the Annual Conference of the American Educational Research Association, San Antonio, TX.
- Kettler, T.** (2016, December). *Leadership in gifted education: Essential practices to improve your impact* Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Lamb, K. N., & **Kettler, T.** (2016, December). *Twenty ways to develop creativity in the classroom*. Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Jolly, J. L., & **Kettler, T.** (2016, November). *Models of teaching: Addressing the needs of gifted learners*. Paper presented at the Annual Conference of the National Association for Gifted Children, Orlando, FL.
- Salman, R., **Kettler, T.**, & Oveross, M. (2016, April). *Preschool gifted education: Perceived challenges with program development*. Paper presented at the Annual Conference of the American Educational Research Association, Washington, DC.
- Kettler, T.**, & McClarty, K. (2015, December). *Understanding acceleration: Foundations of leadership and advocacy in gifted education*. Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, San Antonio, TX.
- Puryear, J. S., **Kettler, T.**, Hurst, L. T., & Rambo-Hernandez, K. (2015, November). *Considering contextual factors and racial uniqueness in questions of Advanced Placement*. Paper presented at the Annual conference of the National Association for Gifted Children, Phoenix, AZ.
- Lamb, K. N., **Kettler, T.**, & Willerson, A. (2015, November). *Integrating creativity into learning design: Overcoming barriers associated with implicit conceptions of creativity*. Paper presented at the Annual conference of National Association for Gifted Children, Phoenix, AZ.
- Kettler, T.**, & Oveross, M. E. (2015, November). *Supporting giftedness in preschool education: Overcoming practical and conceptual barriers*. Paper presented at the Annual conference of National Association for Gifted Children, Phoenix, AZ.

- Salman, R., **Kettler, T.**, & Oveross, M. E. (2015, May). *Giftedness in early childhood: Beliefs and practices in pre-kindergarten classrooms*. Paper presented at The Ninth International Congress of Qualitative Inquiry (QI2015), Champaign, IL.
- Branson, K., Oveross, M. E., Salman, R. C., & **Kettler, T.** (2015, February). *Giftedness in early childhood: Beliefs and practices in pre-kindergarten classrooms*. Paper presented at the Annual Conference of the Southwest Education Research Association, San Antonio, TX.
- Kettler, T.**, & Hurst, L. T. (2015, February). *Advanced academic participation: A longitudinal analysis of ethnicity gaps in suburban schools*. Paper presented at the Annual Conference of the Southwest Education Research Association, San Antonio, TX.
- Kettler, T.**, & Puryear, J. S. (2014, December). *Considering gifted education paradigms for more reflective practice*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Fort Worth, TX.
- Kettler, T.**, & Blackmon, K. (2014, December). *In the know: Research in gifted education*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Fort Worth, TX.
- Toft, T., McDonald, J., & **Kettler, T.** (2014, November). *At the center: Our first year as a gifted school*. Paper presented at the annual conference of the National Association for Gifted Children, Baltimore, MD.
- Kettler, T.** (2014, April). *Leadership that makes a difference: Define the program to improve the services*. Paper presented at the Leadership Conference of the Texas Association for the Gifted/Talented, Austin, TX.
- Swanson, M., **Kettler, T.**, Batenburg, A., Breedlove, L., & Christopher, M. (2013, December). *Giftedness and talent development: Addressing critical issues in gifted education*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Houston, TX.
- Kettler, T.**, & Puryear, J. (2013, December). *Leadership and change in gifted education*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Houston, TX.
- Kettler, T.**, & Griffith, K. (2013, December). *New mathematics TEKS and the adolescent brain*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Houston, TX.
- Kettler, T.**, & Griffith, S. (2013, December). *Four keys to college readiness*. Paper presented at the Annual Conference of the Texas Association for the Gifted/Talented, Houston, TX.
- McDonald, J. L., Sanguras, L., & **Kettler, T.** (2013, November). *Finding extraordinary in the common: Differentiating the language arts common core in the middle grades*. Paper presented at the Annual Conference of the National Association for Gifted Children, Indianapolis, IN.

- Piirto, J., Tolan, S. S., **Kettler, T.**, Sanguras, L., & Groman, J. L. (2013, November). *Organic creativity: Infusing creativity into academic subject matter*. Paper presented at the Annual Conference of the National Association for Gifted Children, Indianapolis, IN. [Co-author and presenter]
- Kettler, T.** (2013, April). *Giftedness, talent development, and the emergent role of leadership*. Paper presented at the Leadership Conference of the Texas Association for the Gifted/Talented, Austin, TX.
- Kettler, T.**, & Griffith, S. (2013, April). *Making college and career readiness happen*. Paper presented at the Leadership Conference of the Texas Association for the Gifted/Talented, Austin, TX.
- Kettler, T.**, & Griffith, S. (2013, March). *College readiness for middle school students*. Paper presented at the Annual Conference at the 2013 Conference on Adolescent Success, Arlington, TX.
- Kettler, T.**, & Griffith, S. (2013, March). *Take advantage of gifted and talented opportunities*. Paper presented at the Annual Conference at the 2013 Conference on Adolescent Success, Arlington, TX.
- Kettler, T.**, Russell, J., & Puryear, J. (2013, February). *An analysis of the variance in funding gifted education programs in Texas: Implications for policy and support*. Paper presented for the Annual Conference at the Southwest Education Research Association, San Antonio, TX.
- Kettler, T.** (2012, November). *Problem-based learning with gifted high school students*. Poster presented at the Annual Conference for the National Association for Gifted Children, Denver, CO.
- Kettler, T.** (2012, November). *Making critical thinking a strength of your gifted program*. Paper presented at the annual conference of the Texas Association for the Gifted/Talented, Dallas, TX.
- Kettler, T.** (2012, November). *Gifted program options at middle school and high school*. Paper presented at the annual conference of the Texas Association for the Gifted/Talented, Dallas, TX.
- Kettler, T.** (2012, April). *Gifted education at the high school level*. Paper presented at the Leadership Conference of the Texas Association for the Gifted and Talented, Austin, TX.
- Johnsen, S., **Kettler, T.**, & Lord, W. (2011, November). *Using the 2010 NAGC pre-k-grade 12 gifted programing standards in professional development*. Paper presented at the annual conference of the National Association for Gifted Children, New Orleans, LA.
- McDonald, J. L., & **Kettler, T.** (2011, November). *Principals as stakeholders*. Poster presented at the annual conference of the National Association for Gifted Children, New Orleans, LA.

- Kettler, T.** (2009, December). *Measuring critical thinking: An analysis of the Cornell Critical Thinking Test*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.
- Kettler, T.** (2009, December). *Developing critical thinking skills*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.
- Johnsen, S., Mursky, C., & **Kettler, T.** (2009, November). *PK-12 gifted program standards: Revisions and their implications for gifted educators*. Paper presented at the annual conference of the National Association for Gifted Children, St. Louis, MO.
- Rambo, K. & **Kettler, T.** (2009, November). *Implementing acceleration: Measuring teacher attitudes and student performance*. Paper presented at the annual conference of the National Association for Gifted Children, St. Louis, MO.
- McDonald, J. L. & **Kettler, T.** (2009, November). *Our moral imperative: The ethics of leadership in gifted education*. Paper presented at the annual conference of the National Association for Gifted Children, St. Louis, MO.
- Kettler, T.** (2008, November). *Ability grouping: Research on special classes and gifted clusters*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Kettler, T.,** & Martin, J. (2008, November). *Gifted language arts: When reading on your own isn't enough*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Kettler, T.,** & Rambo, K. (2008, November). *Current research on educating gifted mathematicians*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Johnsen, S., Montgomery, D., Kitano, M., **Kettler, T.,** & Hull, D. (2008, November). *Connecting preparation with professional development in gifted education*. Paper presented at the annual conference of the National Association for Gifted Children, Tampa, FL.
- Kettler, T.,** & Rambo, K. (2007, November). *Middle school mathematics for gifted students*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.
- Jolly, J., & **Kettler, T.** (2007, November). *Understanding and designing rigorous learning experiences*. Paper presented at the annual conference of the National Association for Gifted Children, Minneapolis, MN.
- Kettler, T.** & Rambo, K. (2007, November). *Middle school mathematics for gifted students*. Poster presented at the annual conference of the National Association for Gifted Children, Minneapolis, MN.

- Shiu, A., **Kettler, T.**, & Johnsen, S. J. (2007, April) *Social and academic effects of Hispanic students enrolled in an AP class in middle school*. Paper presented at the annual conference of the Council for Exceptional Children, Louisville, KY.
- Kettler, T.**, & Rambo, K. (2006, November). *Talent development in middle school: Evolving a program into a system*. Paper presented at the annual conference of the National Association for Gifted Children, Charlotte, NC.
- Jolly, J., & **Kettler, T.** (2006, November). *Rigorous curriculum: A compelling yet illusive standard*. Paper presented at the annual conference of the National Association for Gifted Children, Charlotte, NC.
- Kettler, T.** (2006, November). *The ethics of leadership: Philosophical foundations for gifted education*. Paper presented at the annual conference of the National Association for Gifted Children, Charlotte, NC.
- Kettler, T.**, Rambo, K., Aston, H. (2006, November). *Building a middle school program for gifted learners*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Austin, TX.
- Kettler, T.** (2006, November). *Grouping and acceleration: Best practices for gifted education*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Austin, TX.
- Kettler, T.**, & Shiu, A. (2006, November). *Using Hispanic students' language diversity to build academic expectations*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Austin, TX.
- Kettler, T.**, & Shiu, A. (2006, April). *Identifying and serving gifted Hispanic students in middle school*. Paper presented at the annual conference of the Council for Exceptional Children, Salt Lake City, UT.
- Kettler, T.**, & Shiu, A., Johnsen, S. J. (2005, November). *AP Spanish: A doorway to identifying and serving gifted Hispanic students in middle school*. Paper presented at the annual conference of the National Association for Gifted Children, Louisville, KY.
- Kettler, T.**, & Shiu, A. (2005, November). *AP Spanish in middle school: Reaching English language learners*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, San Antonio, TX.
- Kettler, T.**, Shiu, A., & Johnsen, S. K. (2005, August). *Spanish AP Intervention*. Paper presented at the biennial world conference of the World Council for Gifted Children, New Orleans, LA.
- Fierro-Treviño, M. J., **Kettler, T.**, & Pérez, R. (2005, April). *Middle school AP Spanish: Are you crazy?* Paper presented at the annual conference of The Southwest Conference on Language Teaching, Irving, TX.

- Kettler, T. & Cooper, T.** (2004, November). *Building a knowledge base: Gifted education research 1994-2003*. Paper presented at the annual conference of the National Association for Gifted Children, Salt Lake City, UT.
- Kettler, T. & Cooper, T.** (2004, November). *Effects of advanced courses on diverse learners*. Paper presented at the annual conference of the National Association for Gifted Children, Salt Lake City, UT.
- Kettler, T. & Lenner, J.** (2004, November). *Exploring narratives: Popular culture's take on giftedness*. Poster presented at the annual conference of the National Association for Gifted Children, Salt Lake City, UT.
- Kettler, T.** (2004, November). *Best practices for differentiating science instruction*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Kettler, T.** (2004, November). *The science and politics of ability grouping*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Dallas, TX.
- Kettler, T.** (2004, April). *Exploring underachievement among diverse gifted high school students*. Paper presented at the annual conference of the Council for Exceptional Children, New Orleans, LA.
- Jolly, J. L., & Kettler, T.** (2004, April). *Leadership assessment in problem-solving groups*. Poster presented at the annual conference of the Council for Exceptional Children, New Orleans, LA.
- Kettler, T.** (2003, November). *Standards and their effects on assessment practices*. Paper presented at the annual conference of the National Association for Gifted Children, Indianapolis, IN.
- Kettler, T. & McIntosh, J.** (2003, November). *Problem-related instruction and creative problem solving*. Paper presented at the annual conference of the National Association for Gifted Children, Indianapolis, IN.
- Kettler, T. & Jolly, J. L.** (2003, November). *Identifying emergent leadership in groups of gifted students*. Poster presented at the annual conference of the National Association for Gifted Children, Indianapolis, IN.
- Kettler, T. & McIntosh, J.** (2003, November). *Problem-based instruction and creative problem solving*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.
- Kettler, T. & Feurbacher, S.** (2003, November). *Reversing underachievement among high school gifted students*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.

- Kettler, T.** (2003, April). *Impact of alternative teacher training on gifted students at-risk*. Paper presented at the annual conference of the Council for Exceptional Children, Seattle, WA.
- Kettler, T. & Jolly, J. L.** (2002, November). *Identifying gifted leaders in a problem-solving situation*. Paper presented at the annual conference of the National Association for Gifted Children Denver, CO.
- Kettler, T.** (2002, November). *Identifying gifted leaders in problem-solving groups*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, Houston, TX.
- Kettler, T. & Curlis, M.** (2002, July). *Scaling up the TEKS: Differentiating for gifted students*. Paper presented at the annual Conference for the Advancement of Mathematics Teaching, Dallas, TX.
- Kettler, T.** (2001, December). *Creative problem solving in secondary classrooms*. Paper presented at the annual conference of the Texas Association for the Gifted and Talented, San Antonio, TX.
- Kettler, T.** (1995, October). *Moral philosophy at Baylor University: The disintegration of faith and learning*. Paper presented at the bi-annual national conference of the Baptist Association of Philosophy Teachers, Columbia, SC.

Invited Papers and Posters

- Kettler, T., Ruiz, B. N., & Spitsberg, T.** (2023, June). *Teacher beliefs about creativity, creative students, and creative pedagogy: Current research and a theoretical model*. Paper presented at the annual Creativity and Education Symposium, Baylor University, Waco, TX.
- Kettler, T.** (2023, February 3). *Curriculum leadership in gifted education*. [Conference workshop]. Victoria Fellows Program, Western Kentucky University, Bowling Green, KY.
- Kettler, T.** (2022, July 6-8). *Framework for creative pedagogy: A model for studying teacher behavior*. [Conference session]. Creativity and Education Symposium, Baylor University, Waco, TX, United States.
- Kettler, T.** (2021, March 11-12). *Critical thinking: The cognitive shield of a post-truth culture* [Conference session]. National Curriculum Network Conference, Williamsburg, VA, United States.
- VanTassel-Baska, J., Olszewski-Kubilius, P., Jolly, J., Matthews, M., **Kettler, T.**, & Subotnik, R. (2021, March 26). *Overview of what gifted education looks like* [Panel discussion]. NCRGE's First Five Years: Results, Reflections, and Recommendations. National Center for Research on Gifted Education, Storrs, CT, United States.

- Kettler, T., & McIntosh, J.** (2021, January 26). *Toward equity in gifted education using behavior rating scales* [Panel discussion]. Conversations with the Colorado Association for Gifted and Talented, Parker, CO, United States.
- Collins, K. H., Bonner II, F. A., **Kettler, T.**, & Hodges, J. (2020, November 10). *Equity of advanced learning opportunities: Improving diversity and enacting justice in public education gifted and talented programming services* [Panel discussion]. Harvard Club of Dallas Fall Meeting, Dallas, TX, United States.
- Sanguras, L. Y., & **Kettler, T.** (2020, September 24). *How to help gifted and talented students manage, cope, and thrive* [Conference session]. Southlake Association for the Gifted and Talented Fall Meeting, Southlake, Texas, United States.
- Kettler, T.** (2020, September). *Insight and guidance on the Texas state plan for gifted education*. Paper presented at the Emerging Leaders Conference of the Texas Association for the Gifted and Talented, Austin, Texas.
- Kettler, T.** (2020, August 20). *Overview of the Texas State Plan: State and local policy*. Paper presented at the Texas Association for the Gifted and Talented New Coordinator Bootcamp, Austin, Texas.
- Kettler, T.**, Sussman, C., & Farris, K., (2020, February 15). *Parents' guide to managing stress with gifted students*. Paper presented at the annual Gifted and Talented Parents' Conference at Baylor University, Waco, TX.
- Kettler, T.** (2020, February). *Next level differentiation*. Paper presented at the Illinois Association for Gifted Children Conference, Naperville, IL.
- Kettler, T.** (2020, February). *Emphasizing critical thinking for deep learning*. Paper presented at the Illinois Association for Gifted Children Conference, Naperville, IL.
- Kettler, T.** (2020, February). *Infusing creative thinking into advanced learning designs*. Paper presented at the Illinois Association for Gifted Children Conference, Naperville, IL.
- Kettler, T.** (2020, February). *Developing gifted and talented writers*. Paper presented at the Illinois Association for Gifted Children Conference, Naperville, IL.
- Kettler, T.** (2019, August). *Developing creativity in the classroom*. Paper presented at the 2019 Elevate Conference, Midland, TX.
- Kettler, T.** (2019, August). *Developing gifted and talented writers*. Paper presented at the 2019 Elevate Conference, Midland, TX.
- Kettler, T.** (2019, August). *Emphasizing deep learning with critical thinking*. Paper presented at the 2019 Elevate Conference, Midland, TX.

- Kettler, T.** (2019, August). *Differentiation for deep learning and talent development*. Paper presented at the Korean Gifted Education Curriculum Institute at the College of William & Mary, Williamsburg, VA.
- Kettler, T.** (2019, April). *Developing creativity in the classroom*. Paper presented at the Annual Ottawa Area Gifted Conference, Holland, MI.
- Kettler, T.** (2018, November). *Strategies and tactics for developing creative abilities*. Paper presented at the Annual Conference of the National Association for Gifted Children, Minneapolis, MN.
- Kettler, T.** (2018, August). *Gifted education in the United States*. Paper presented at the Korean Gifted Education Curriculum Institute at the College of William & Mary, Williamsburg, VA.
- Kettler, T.** (2016, December). *Implementing a deep reading cycle with gifted students*. Paper presented at the Annual Conference of the Indiana Association for the Gifted, Indianapolis, IN.
- Kettler, T.** (2016, December). *Assessment techniques to develop expertise and intellectual character*. Paper presented at the Annual Conference of the Indiana Association for the Gifted, Indianapolis, IN.
- Kettler, T.** (2016, December). *Working gifted kids in competitive environments*. Paper presented at the Annual Conference of the Indiana Association for the Gifted, Indianapolis, IN.
- Kettler, T.** (2016, December). *Twenty ways to develop creativity in the classroom*. Paper presented at the Annual Conference of the Indiana Association for the Gifted, Indianapolis, IN.
- Delisle, J., & **Kettler, T.** (2015, December). *The nuts and bolts of leading a gifted program*. Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, San Antonio, TX.
- Kettler, T.**, & Margot, K. (2015, December). *Testing and measurement in gifted education*. Paper presented at the Annual Conference of the Texas Association for the Gifted and Talented, San Antonio, TX.
- VanTassel-Baska, J., Hughes, C. E., **Kettler, T.**, & Shaunessy-Dedrick, E. (2015, November). *Differentiating language arts curriculum in the age of the common core standards: What works*. Paper presented at the Annual Conference of the National Association for Gifted Children, Phoenix, AZ.
- Kettler, T.** Robbins, R., Montgomery, D. (2015, February). *Nature and needs of people of diverse backgrounds and poverty*. Panel discussion at the annual conference of the Oklahoma Association for the Gifted, Creative, and Talented, Stillwater, OK.

- Hughes, C., VanTassel-Baska, J., **Kettler, T.**, & Shaunessy-Dedrick, E. (2013, November). *Gifted education and the common core standards: A focus on English language arts*. Paper presented at the Annual Conference for the National Association for Gifted Children, Indianapolis, IN.
- Kettler, T.**, Shaunessy-Dedrick, E., Hughes, C. E., & VanTassel-Baska, J. (2013, November). *Gaining 21st century skills: Providing rigor with common core and national standards for high-ability learners*. Paper presented at the Annual Conference for the National Association for Gifted Children, Indianapolis, IN.
- Kettler, T.** (2013, August). *Rethinking giftedness and gifted education*. Paper presented at Hurst-Euleless-Bedford Independent School District, Frisco, TX.
- Kettler, T.** (2013, August). *Rethinking giftedness and gifted education*. Paper presented at Frisco Independent School District, Frisco, TX.
- Kettler, T.** (2013, August). *Nurturing creativity and innovative thinking in advanced academic classrooms*. Paper presented at the AP/Pre-AP Conference of Round Rock Independent School District, Round Rock, TX.
- Kettler, T.** (2013, August). *Developing critical thinking skills in advanced academic classrooms*. Paper presented at the AP/Pre-AP Conference of Round Rock Independent School District, Round Rock, TX.
- Kettler, T.** (2012, November). *Leadership and differentiation: Implementing the common core state standards with gifted and advanced learners*. Paper presented at the Annual Conference for the National Association for Gifted Children, Denver, CO.
- VanTassel-Baska, J., **Kettler, T.**, Jolly, J. L., Hughes, C., & Troxclair, D. (2012, November). *Gifted education and the common core state standards: A focus on English language arts*. Paper presented at the Annual Conference for the National Association for Gifted Children, Denver, CO.
- Kettler, T.** (2010, February). *Questioning strategies to increase rigor and relevance*. Paper presented at the Annual Conference of Arkansans for Gifted and Talented Education, Little Rock, AR.
- Kettler, T.** (2010, February). *Developing critical and creative thinking skills*. Paper presented at the Annual Conference of Arkansans for Gifted and Talented Education, Little Rock, AR.
- Kettler, T.** (2010, September). *Using a tiered model for professional development in gifted education*. Paper presented at The Association for the Gifted, Council for Exceptional Children, TAG Fall Conference in Gifted Education, Waco, TX.
- Kettler, T.** (2009, March). *Grouping and acceleration: Research-based practices in gifted education*. Paper presented at the Leadership Conference for the Texas Association for the Gifted/Talented, Austin, TX.

Johnsen, S. & **Kettler, T.** (2009, December). *Best practices for exemplary programs in gifted education*. Pre-conference workshop presented for the Annual Conference for the Texas Association for the Gifted/Talented, Houston, TX.

Kettler, T. & Shiu, A. (2007, May). *Middle school bilingual students enrolled in Advanced Placement Spanish*. Paper presented at the annual conference of the Michigan Association for Bilingual Education, Grand Rapids, MI.

Kettler, T., & Shiu, A. (2006, December). *Advanced Placement Spanish with middle school native speakers*. Paper presented at the Statewide Conference for Teachers Serving Linguistically and Culturally Diverse Students, Oak Brook, IL. [Co-author and presenter]

Kettler, T. (2005, September). *The science and politics of ability grouping*. Paper presented at the Southern Methodist University annual Gifted and Talented Administrator Conference, Dallas, TX. [Author and presenter]

Kettler, T. (2003, February). *Using tiered objectives to accelerate gifted learners*. Paper presented at the annual Interdisciplinary Creative Problem-Solving Conference at Baylor University, Waco, TX.

Kettler, T. (2001, October). *Practical differentiation strategies for gifted learners*. Paper presented at the fall conference of the Council for Exceptional Children TAG Division, Baylor University, Waco, TX.

Kettler, T. (2001, August). *Practical steps for differentiating in secondary classrooms*. Paper presented at the National School Conference Institute Conference on Best Practices to Differentiate Effectively for Student Success, Belton, TX.

Keynote Addresses

Kettler, T. (2023, March 3). *Differentiation, educational dose, and the pedagogy of gifted education*. [Keynote address]. Montana Association for Gifted and Talented Education annual conference, Great Falls, MT, United States.

Kettler, T. (2022, August 2). *Thinking, reflection, and intellectual virtue in advanced academics*. [Keynote address]. Advanced Academics Conference, Round Rock, TX, United States.

Kettler, T. (2021, October 11-14). *Measurement of higher-order thinking abilities in giftedness* [Keynote address]. International Congress on Gifted and Talented Education, Ankara, Turkey.

Kettler, T. (2021, March 11-12). *Why creativity and problem solving should be prominent in the gifted curriculum* [Keynote address]. National Curriculum Network Conference, Williamsburg, VA, United States.

Kettler, T. (2019, November). *Developing talent from childhood into early adulthood*. [Keynote address]. Gifted Pathways Conference, Grapevine, TX, United States.

- Kettler, T.** (2019, October). *Creative pedagogy in gifted education learning designs*. [Keynote address]. Gifted and Talented Conference of the Center for Gifted Education and Talent Development, Waco, TX, United States.
- Kettler, T.** (2019, July). *Strength-based approaches for developing the talents of twice-exceptional learners* [Keynote address]. Supporting the Emotional Needs of the Gifted (SENG). Houston, TX, United States.
- Kettler, T.** (2019, April). *The pedagogy of differentiation: Comprehensive approaches for developing talent* [Keynote address]. Ottawa Area Gifted Conference, Holland, MI.
- Kettler, T.** (2017, March). *Curriculum for gifted education: Understanding the pedagogy of differentiation*. [Keynote address]. National Curriculum Network Conference, Williamsburg, VA, United States.
- Kettler, T.** (2016, February). *The pedagogy of differentiation: Moving from strategies to learning design*. Keynote address at the Ignite the Spark, Fuel the Fire: Leading Differentiation Conference at the University of New South Wales, Sydney, New South Wales, Australia.
- Kettler, T.** (2015, November). *Modern curriculum for gifted and advanced academic students*. Keynote address at the National Association for Gifted Children, Phoenix, AZ.
- Kettler, T.** (2015, February). *Diversity in gifted education: Albatross or opportunity*. Keynote address at the Oklahoma Association for the Gifted, Creative, and Talented, Stillwater, OK.
- Kettler, T.** (2013, October). *Finding excellence in the common. Gifted learners and the common core*. Keynote address at the Montana Federation of Teachers Annual Conference, Belgrade, MT.
- Kettler, T.** (2013, October). *Gifted education and the pedagogy of differentiation*. Keynote address at Fall Institute in Gifted Education Sponsored by Baylor University School of Education, Waco, TX.
- Kettler, T.** (2013, July). *Rethinking giftedness, talent development and the role of gifted education*. Keynote address at the Region 10 Gifted Education Summit, Richardson, TX.
- Kettler, T.** (2010, February). *Components of an exemplary program: From standards to best practice*. Keynote address for the Administrator Institute of the Annual Conference of Arkansans for Gifted and Talented Education, Little Rock, AR.
- Kettler, T.** (2007, September). *Building a rigorous and engaging middle school gifted program*. Keynote address at the Southern Methodist University annual Gifted and Talented Administrator Conference, Dallas, TX.

EDITORIAL ACTIVITY

Editor

- 2022 - Editor, *Journal of Gifted Education and Creativity*
2017 - 2022 Co-editor, *Journal of Advanced Academics*
2016 Co-editor, *The Gifted Education Review*
1995 Associate Editor, *Teacher Education and Practice*
1993 – 1995 Editor, *Baylor Educator*
1993 – 1995 Editor, *Baylor Pedagogue*

Article Editor

- 2018 Article Editor, *SAGE Open*

Editorial Board

- 2021 - Editorial Board, *Gifted Education International*
2019 - Editorial Board, *Journal for the Education of the Gifted*
2017 - Editorial Board, *Gifted Child Today*
2016 – 2018 Editorial Board, *Diversity, Social Justice, & the Educational Leader*
2006 – 2008 Editorial Board, *Journal of Advanced Academics*

Reviewer

- 2020 - Ad Hoc Reviewer *Thinking Skills and Creativity*
2020 - Ad Hoc Reviewer *International Journal of STEM Education*
2019 - Book Proposal Reviewer, Routledge Division of Taylor & Francis
2019 - Ad Hoc Reviewer *Educational Psychology*
2019 - Ad Hoc Reviewer *Wellcome Open Research* (Registered Report Reviewer)
2018 - Ad Hoc Reviewer, *Learning and Individual Differences*
2018 - 2021 Ad Hoc Reviewer, *Gifted Education International*
2017 - Ad Hoc Reviewer, *High Ability Studies*
2014 - Ad Hoc Reviewer, *Teaching Exceptional Children*
2013 - Ad Hoc Reviewer, *Gifted Child Quarterly*
2009 - 2017 Ad Hoc Reviewer, *Journal of Advanced Academics*
2004 - 2019 Ad Hoc Reviewer, *Journal for the Education of the Gifted*
2002 – 2016 Ad Hoc Reviewer, *Gifted Child Today*

HONORS AND AWARDS

- 2020 Paper of the Year Award for *Gifted Child Quarterly* (National).
Lamb, K. N., Boedeker, P., & Kettler, T. (2019). Inequities of identification in gifted education: A statewide application of the twenty-percent equity allowance formula. *Gifted Child Quarterly*, 63, 205-224. doi:10.1177/0016986219830768
- 2016 *Legacy Book Award for Best Scholarly Book in Gifted Education* (National)
Modern Curriculum for Gifted and Advanced Academic Students (Prufrock Press, 2016). Legacy Awards honor outstanding books published in the U.S. that have long-term potential for positively influencing the lives of gifted individuals and contribute to the understanding, well-being, education, and success of gifted and talented students.
- 2012 *Texas State Advocate of the Year* (State)
Awarded by the Texas Association for the Gifted and Talented for exemplary contributions in support of gifted and talented children in the state of Texas.
- 2009 – 2010 *Excellence in Research Award, Mensa Education and Research Foundation* (National)
Awarded for the publication of “Gifted education research 1994-2003: A disconnect between priorities and practice” in *The Journal for the Education of the Gifted*, 2008.

MEDIA APPEARANCES

- 2022 Interviewed for “Deep Thinking: Reflection and Introspection,” Drive Time Radio Show on the *Voice of Islam* radio station, London, U.K. Nebeela Shah, Producer. July 7, 2022. <https://soundcloud.com/voislam/drive-time-show-podcast-07-07-2022-deep-thinking-and-reflection?in=voislam/sets/drive-time-show-archived-2021-2022>
- 2020 Interviewed for The Neurodiversity Podcast
Kircher-Morris, E. (Host). (2020, August 5). The ethos of creativity (No. 64) [Audio podcast episode]. In *The neurodiversity podcast*.
<https://neurodiversitypodcast.com/home/2020/8/5/episode-64-the-ethos-of-creativity?rq=Kettler>

PROFESSIONAL ASSOCIATION SERVICE

Professional Organizations

National Association for Gifted Children (1994 – Present)

- 2021 – 2022 NAGC Engage Online Community Advisory Group
This advisory group works on expanding the membership experience to include online engagement and partnership.

- 2020 – 2021 NAGC Program Committee
This committee reviews proposals and organizes sessions for the annual fall conference for NAGC.
- 2020 NAGC Convention Visioning Advisory Group
This advisory group was formed to consider possibilities for alternative formats of the annual convention during social distancing and the Covid-19 Pandemic.
- 2019 – 2021 Chair for the NAGC Conceptual Foundations Network
The chair organizes the annual conference presentations, completes annual network reports, and communications with the members of the network.
- 2018 - 2020 NAGC Research and Evaluation Network Awards Co-Chair (Research Gala)
The NAGC Research and Evaluation Network annually hosts a graduate student research gala at the annual conference. Graduate students conducting research in gifted education submit papers that are reviewed and scored, then they make poster presentations on the night of the network event.
- 2017 – 2019 Chair-elect for the NAGC Conceptual Foundations Network
The chair elect assists the chair in organizing the annual conference presentations, completing annual network reports, and communicating with the members of the network. A two-year term as chair of the network commences after two years of service as chair-elect.
- 2011 – 2013 NAGC Task Force on Gifted Education and the Common Core
Worked on NAGC position paper regarding gifted students and the Common Core State Standards, co-authored two NAGC sponsored books regarding Common Core and English Language Arts, Provided NAGC Pre-Conference workshops on Differentiating the Common Core Language Arts Standards
- 2012 – 2013 NAGC Research and Evaluation SIG Communications Committee Member
- 2008 – 2012 NAGC Work Team to Revise and Validate National Program Standards for Gifted Education. Members of this work team revised and validated the NAGC Pre-K-Grade 12 Gifted Programming Standards.
- 2008 – 2010 NAGC Research and Evaluation SIG Communications Committee Member

Texas Association for the Gifted and Talented (2000 – Present)

- 2011 – 2014 *TAGT Leadership Division Executive Officer*
The Leadership Division is the largest division in TAGT with more than 400 members. The tasks of the division are to provide leadership and resources for TAGT members in leadership capacities across the state of Texas.
- Past Chair 2013 – 2014
 - Chair 2012 – 2013
 - Chair Elect 2011 – 2012

- 2012 - 2014 *TAGT Advocacy Committee Member*
The Advocacy Committee works with the executive director and TAGT staff to develop legislative platforms to advocate for gifted education in Texas. This committee was formerly the Governmental Relations Committee. Appointed to this position by TAGT president in the fall of 2012.
- 2009 – 2011 *TAGT Governmental Relations Committee Member*
The governmental relations committee to develop advocacy positions and recommendations for the upcoming legislative session. Appointed to this position by the TAGT president in the fall of 2009.
- 2007 – 2010 *TAGT Research Division Executive Officer*
The research division of TAGT supports the development of research partnerships and presentations in order to improve the practice of gifted education in Texas.
- Past Chair 2009 – 2010
 - Chair 2008 – 2009
 - Chair Elect 2007 – 2008

American Educational Research Association (2001 – Present)

Member Special Interest Group for Research on Giftedness, Creativity, and Talent

CONSULTING

Yorktown Education, Plano, Texas (2020)

Served as a curriculum consultant as Yorktown engaged in a curriculum alignment/audit.

Grapevine-Colleyville Independent School District, Grapevine, Texas (2019 – 2020)

Conducted a program evaluation of the ASPIRE Academy for Highly Gifted Students.

Sandusky City Schools, Sandusky, Ohio (2012 – 2019)

Served as a curriculum and instruction consultant for the gifted and talented program in Sandusky during the period in which they established a magnet campus for gifted education.

Plano Independent School District, Richardson, Texas (2018)

Served as outside consultant for the district to evaluate and modify district policies related to class rank and grade point average calculations.

Richardson Independent School District, Richardson, Texas (2016 – 2018)

Served as outside consultant for the district to evaluate and modify district policies related to class rank and grade point average calculations.

University of New South Wales, Sydney, Australia (2016)

Developed and presented two sessions of a master class titled, *Complex Learning Design for Advanced Students* for teachers in the greater Sydney area.

Irving Independent School District, Irving, Texas (2015 – 2016)

Served as a facilitator to the district as they evaluated and recommended improvements to the gifted and talented identification process and the gifted and talented curriculum offerings.

CREDENTIALIALS

Texas Teacher Certification (1994 – present)

English Language Arts (6-12)

INSTRUCTIONAL ACTIVITIES

Areas of Expertise

- Curriculum and Learning Designs for Gifted Education
- Instructional Models for Gifted Education
- Programming in Gifted Education
- Creativity in Learning Design

Courses Taught (Baylor University, 2018 – present)

EDC 6336 Qualitative Research and Data Analysis
EDP 4552 Exceptionalities
EDP 5308 Gifted Education and Talent Development
EDP 5310 Curriculum Development for the Gifted
EDP 5311 Creativity and Strategies for Teaching the Gifted
EDP 5351 Social and Emotional Need of the Gifted
EDP 5V54 Practicum in Gifted and Talented Education
EDP 5V95 Special Problems in Education
EDP 6154 Introduction to Multidisciplinary Studies
EDP 6155 Reflection on Multidisciplinary Studies
EDP 6335 Research Practicum in Education
EDP 6340 Practicum in Adult Learning Campus-Based
EDP 6350 History and Systems of Psychology with Educational Applications
EDP 6353 Creativity and Problem Solving
EDP 6367 Individual Differences
EDP 6370 Case Study Research Methods and Analysis in Education

Courses Taught (University of North Texas, 2012 – 2018)

EPSY 5000: Introduction to Educational Psychology
EPSY 5105: Nature and Needs of Gifted and Talented Students
EPSY 5120: Program Planning in the Education of Gifted and Talented Students
EPSY 5130: Methods and Materials for Teaching Gifted and Talented Student
EPSY 5140: Creativity in the Classroom
EPSY 6040: Foundations of Educational Psychology
EPSY 6110: Individual Differences, Creativity, and Problem Solving
EPSY 6620: Multicultural Gifted Education
EPSY 6640: Advanced Curriculum and Programming for Teaching the Gifted and Talented
DFST 2033: Parenting in Diverse Families

DFST 3123: Child Development

Courses Taught (Baylor University, 2001 – 2005)

EDP 4350 Introduction to the Gifted Child

EDC 5352 Curriculum Development for the Gifted

EDC 5353 Creativity and Instructional Strategies for the Gifted

DISSERTATIONS

Doctoral Dissertation Committees Chaired at Baylor University

- Celeste Sodergren (in progress)
Parent Voice and Choice in Gifted Education Programs
- Yasmin C. Laird-Radinsky (in progress)
Inclusion of English Learners in Gifted Education Identification and Programs
- Anna N. Payne, Ph.D. 2023
Mathematical Self-Efficacy Beliefs among Gifted and Talented Adolescents
Currently Assistant Professor at University of Wyoming

Doctoral Dissertation Committees Chaired at University of North Texas

- Kristen N. Lamb, Ph.D., 2018
Creative Self-Efficacy and Personality: From Imagination to Creation
Currently Assistant Professor at University of Alabama
- Kelly Margot, Ph.D., 2017
Teacher Self-Efficacy for STEM Talent Development
Currently Assistant Professor at Grand Valley State University
- Joseph Russell, Ph.D., 2017
High School Teachers' Perceptions of Giftedness, Gifted Education, and Talent Development Currently Gifted Education Specialist Plano ISD
- Jeb S. Puryear, Ph.D., 2016
The Role of Chosen Creativity Measurements in Observed Relationships to Personality
Currently Assistant Professor at University of Montana

Doctoral Dissertation Committees at Baylor University

- Laura Shero, 2023
- Brenda Davis, 2020
- Rebecca Tipton, 2020
- Rachel Renbarger, 2019

Doctoral Dissertation Committees at University of North Texas

- Mattie Oveross, 2023
- April Walker, 2020
- Patricia Parker, 2018
- Nicole Caldwell, 2017
- James Bishop, 2017
- Dianna Mullet, 2017
- Hassan Maajeeny, 2017
- Ben Price, 2016
- Mehary Stafford, 2016
- Sarah Ferguson, 2016
- Summer Martin, 2014
- Min Wei, 2014

THESES

Thesis Committees Chaired at Baylor University

- Fatih Ozkan (2021)
A Meta-Analytic Study on the Effect of STEM Education on the Academic Success and Social and Emotional Development of Gifted Students

UNIVERSITY SERVICE

Baylor University School of Education

Teacher Education Task Force (2022 – 2023)
School of Education Curriculum Committee

- Committee Chair 2019 – 2022
- Committee Member 2018 – 2019

Professional Educator Faculty Executive Committee (PEFX) (2018 – 2022)

Baylor Department of Educational Psychology

Coordinator of the Gifted and Talented Education Graduate Programs (2018 – present)

Center for Gifted Education and Talent Development, Baylor University

Affiliated Faculty (2018 – 2023)

Baylor University

Faculty Advisor for Delta Tau Delta fraternity (2020 – present)

UNT College of Education

Academic Affairs Committee Member (2015 – 2016)

UNT Department of Educational Psychology

Steward of the Doctoral Program in Gifted and Talented Education (2016 – 2018)

Steward of the Master’s Program in Gifted and Talented Education (2014 – 2016)

Office for Giftedness, Talent Development, and Creativity

- Organized a two-day professional learning conference for Texas GT teachers held at UNT in 2016-2017

Doctoral Policies Committee Member

2012 – 2013

2016 – 2017

Undergraduate Policies Committee Member

2012 – 2013

Merit and Award Committee Member

2013 – 2017

Faculty Search Committee Member

2013 – 2014 Human Development and Family Science Tenure Track

2015 – 2016 Gifted and Talented Tenure Track

2016 – 2017 Human Development and Family Science Tenure Track

SERVICE BEYOND THE UNIVERSITY

Texas Council for International Studies Board of Directors (2022 – Present)

Appointed to the Texas Council for International Studies (TCIS). TCIS partners with Texas school districts to implement the International Baccalaureate program in schools.

- Vice-President of Membership, Board of Directors

DeBusk Foundation Board of Directors (2021 – Present)

Appointed to the DeBusk Foundation Board of Directors. The DeBusk Foundation provides transformative learning experiences for gifted and talented students in grades 3 through 8.

- Vice-President of the Board of Directors
- Co-chair of the Curriculum Committee

Yorktown Education Board of Directors (2012 – 2021)

Appointed by the Yorktown Head of School to serve on the Board of Directors. Yorktown Education is an innovative private school in North Texas that serves a high percentage of gifted and talented students.

Commissioner’s Advisory Council for Gifted and Talented Education (2014 – 2023)

Appointed by Texas Education Agency to serve on the council that advises the commissioner of education and the Agency on matters related to gifted education in Texas.

- 2016 – 2021 Chair of Commissioner’s Advisory Council for Gifted Education
- 2014 – 2022 Member of Commissioner’s Advisory Council for Gifted Education

E. A. Young Academy Advisory Board (2013 – 2018)

Appointed by the E. A. Young Head of School to serve on the Advisory Board. E. A. Young Academy is a private school in North Texas that specifically serves gifted and talented students.