

SUMMARY OF QUALIFICATIONS

University educator, applied researcher, and college administrator with over ten years of experience in continuous program improvement, research design and analysis, descriptive and inferential statistics, psychometric theory and practice, large secondary data set analysis, and the use of predictive modeling and other advanced analytics.

EDUCATION

University of Memphis, Memphis, Tennessee
College of Education, Health and Human Sciences **2009-2013**
Doctor of Philosophy in Educational Psychology and Research
Committee: Terrence Ishitani (Chair), Ernest Rakow, John Smart, and Yonghong Xu
Dissertation: *Math and Science Teachers Dropping out of Public Schools: A Nationwide Look at Their Lack of Retention Using Structural Equation Modeling*

University of Memphis, Memphis, Tennessee
College of Education, Health and Human Sciences **2007-2008**
Master of Arts in Teaching
Thesis: *Methods of Reporting Grades to Students: A Pedagogical Consideration for Raising Student Achievement*

University of Tennessee, Memphis, Tennessee
College of Medicine **2000-2002**
Completed first two years of didactic coursework
Researched *Complement Activation of TNF Production in Renal Transplant Patients Administered Anti-T-Cell Antibodies*

University of Tennessee, Knoxville, Tennessee
College of Arts and Sciences **1996-2000**
Bachelor of Science in Biochemistry
Graduated *summa cum laude* with majors in biochemistry and philosophy and a minor in psychology

CERTIFICATIONS/ADVANCED TRAINING

- Leadership Academy, American Association of Colleges for Teacher Education **2019**
- Certified National Site Visitor, Council for the Accreditation of Educator Preparation **2018**
- Certified Peer Reviewer, Quality Matters, Higher Education Rubric **2017**
- Leadership Academy, Association of Teacher Educators **2017**
- Certified Basic Human Researcher (#19773746), CITI Program **2017**
- Certified CAEP-TN Site Visitor, Tennessee Department of Education **2016**
- Tennessee Professional Teaching License (#512058): Middle Grades 4-8 **2010**

ACADEMIC APPOINTMENTS

Austin Peay State University, Clarksville, Tennessee

Eriksson College of Education

Associate Dean of Assessment and Accreditation (excluding 2018-2019)

2016-Present

- Overseeing an Office of Assessment comprised of a CAEP Coordinator, Assessment Coordinator, LiveText Coordinator, State Compliance Officer, and Data Analyst
- Leading refinement and monitoring of a quality assurance system to ensure data for assessment and accreditation are relevant, verifiable, representative, cumulative, and actionable
- Monitoring departmental use of the university's assessment system for documenting, tracking, and reporting student learning outcomes and program goal achievement
- Analyzing state report card to make appropriate and qualified programmatic decisions
- Generating and delivering data-verified reports to faculty, administrators, and accreditation bodies
- Presenting data in multiple formats, including narratives, charts, graphs, aggregates, and statistical computations, using the Argos reporting application, Microsoft Excel, and other data visualization tools
- Reviewing qualifications for adjunct faculty to be hired by the college
- Assisted in the proposal and development of a doctoral program in educational leadership, the first doctoral program in APSU history and requiring a SACSCOC level change

Austin Peay State University, Clarksville, Tennessee

Eriksson College of Education

Department of Educational Specialties

Chaired by T. J. Buttery, EdD

Associate Professor of Educational Research (excluding Fall 2018)

2016-Present

Assistant Professor of Educational Research

2014-2016

- Teaching graduate level courses in research methods and statistics with a mean teacher rating of 5.21 on a 6-point rating scale ($n = 109$)
- Maintaining an active and productive research agenda with a target of at least 5-6 high impact publications and/or well-attended presentations annually
- Pursuing external and internal funding opportunities to support faculty and students
- Fulfilling professional, institutional, and community service obligations
- Providing mentoring and support of students in all degree programs

University of Memphis, Memphis, Tennessee

College of Education, Health and Human Sciences

Department of Counseling, Educational Psychology and Research

Chaired by D. C. Strohmer, PhD, CRC, APA Fellow

Visiting Professor of Educational Research

2013-2014

- Taught undergraduate and graduate level courses in research methods and statistics with a mean teacher rating of 4.02 on a 5-point rating scale ($n = 69$)
- Conducted interdisciplinary research with colleagues and students
- Fulfilled professional, institutional, and community service obligations
- Advised students on their own research as well as their program progression

RELATED WORK EXPERIENCE

Memphis City Schools, Memphis, Tennessee

Secondary Science Teacher

2007-2013

- Evaluated student achievement scores to inform data-driven decisions with regards to planning, instruction, and assessment
- Maintained a Tennessee Value-Added Assessment System (TVAAS) score of 5 on a 5-point rating scale for every year taught
- Developed and facilitated professional development workshops on how to use data, inquiry-based teaching, and instructional technology

Sensis Corporation, Syracuse, New York

Systems Analyst

2005-2007

- Helped incorporate artificial neural networks in water monitoring and air traffic control systems
- Assisted in the development of and wrote U.S. Patent No. 20070215556: "System for Detection and Prediction of Water Nitrification" for the company/inventor
- Employed data fusion, data mining, and data optimization techniques for use in prediction model development
- Analyzed field data, with oversight by the Federal Aviation Administration, to diagnose and resolve anomalies in air traffic control systems

CONSULTING WORK

Tennessee Department of Education, Nashville, Tennessee

Item Writer/Reviewer

2008-2013

- Generated test items for use on state standardized student achievement tests, as part of the Tennessee Comprehensive Achievement Program
- Reviewed test items for validity, reliability, bias, and sensitivity
- Collaborated with other stakeholders on how to use standardized test scores for teacher value-added reporting

COURSES DEVELOPED/TAUGHT

Austin Peay State University

EDUC 7031: Educational Statistics II (graduate)

2020-Present

Topics: One- and two-way analyses of variance; *post hoc* tests of significance; multiple regression; analysis of covariance; correlation coefficients; overview of nonparametric tests

EDUC 7030/6030: Educational Statistics I/Statistics for Educational Research (graduate)

2014-Present

Topics: Frequency distribution; central tendency and variability; normal distribution; probability; correlation; simple regression; interval estimation; *t*-test; chi-square

EDUC 6050: Seminar on Research (graduate)	2014-Present
Topics: Research design and analysis; introduction to qualitative and quantitative research methodologies; contemporary issues in educational research; preparation of field study proposals	
EDUC 5000: Research in Education (graduate)	2014-Present
Topics: Fundamental concepts, principles, and techniques in educational research; introduction to descriptive and inferential statistics	
EDUC 4160: Teaching Diverse Students (undergraduate)	2016
Topics: Differences in beliefs; effective instruction of linguistic minorities; socialization among groups	

University of Memphis

EDPR 8542/7542: Statistical Methods Applied to Education II (graduate)	2013-2014
Topics: One- and two-way analyses of variance; <i>post hoc</i> tests of significance; multiple regression; analysis of covariance; correlation coefficients; overview of nonparametric tests	
EDPR 8541/7541: Statistical Methods Applied to Education I (graduate)	2013-2014
Topics: Frequency distribution; central tendency and variability; normal distribution; probability; correlation; simple regression; interval estimation; <i>t</i> -test; chi-square	
EDPR 7521: Introduction to Educational Research (graduate)	2014
Topics: Research design and analysis; internal and external validity; reliability; survey of common qualitative and quantitative approaches	
EDPR 4541: Fundamentals of Applied Statistical Methods (undergraduate)	2014
Topics: Data collection and organization; graphing; introduction to descriptive and inferential statistics; interpreting significance	

RESEARCH INTERESTS

Methodological Issues

Quantitative Research Designs
 Applied Statistical Methods in the Social Sciences
 Multivariate Analyses of Large Data Sets

Substantive Issues

Institutional Program Evaluation
 Teacher Effectiveness and Retention
 Science, Technology, Engineering, and Math (STEM) Education

PUBLICATIONS

**student*

Book and Book Chapters

- Short, P. C., Henson, H., & McConnell, J. R. (Eds.). (in progress). *Cultivating a scientific mindset in the Age of Inference*. Charlotte, NC: Information Age Publishing.

2. **McConnell, J. R.** (2019). The ten tenets of educational assessment. In C. C. Gorowara, E. M. Brownstein, & T. Wall (Eds.), *Effectively using data for educator preparation program improvement*. Charlotte, NC: Information Age Publishing.
1. Lowrance, L. K., & **McConnell, J. R.** (2019). Autism spectrum disorders. In M. E. Gold (Ed.), *Introduction to special education: A spectrum of exceptionalities*. Charlotte, NC: Kona Publishing & Media Group.

Peer-Reviewed Journal Articles

13. Buttery, T. J., & **McConnell, J. R.** (2019). Teaching the organization of writing in online graduate courses. *National Social Science Technology Journal*, 7(1).
12. **McConnell, J. R.**, Bruster, B. G., & Smith, V. B. (2019). Predicting teacher effectiveness based on various preservice factors: Implications for higher education and the evaluation of teacher preparation. *International Journal of Educational Reform*, 28(1), 63-78. [doi:10.1177/1056787918824204](https://doi.org/10.1177/1056787918824204)
11. Stewart, C. O., **McConnell, J. R.**, *Stallings, L. A., & Roscoe, R. D. (2019). Growth mindset: Associations with apprehension, self-perceived competence, and beliefs about public speaking. *Basic Communication Course Annual*, 31(1), 44-69.
10. Bouton, B. D., **McConnell, J. R.**, Barquero, L. A., Gilbert, J. K., & Campbell, D. L. (2018). Upside-down response to intervention: A quasi-experimental study. *Learning Disabilities Research and Practice*, 33(4), 229-236. [doi:10.1111/ldrp.12171](https://doi.org/10.1111/ldrp.12171)
9. Buttery, T. J., & **McConnell, J. R.** (2018). Youth and teenage suicide prevention: Changing the mindset. *National Social Science Proceedings*, 67(1), 89-100.
8. Lewis, L. O., Thompson, L. W., Brietenmoser, L. R., & **McConnell, J. R.** (2017). The effects of creative movement on psychiatric outpatient clients. *National Dance Society Journal*, 2(1), 53-65.
7. **McConnell, J. R.** (2017). A model for understanding teachers' intentions to remain in STEM education. *International Journal of STEM Education*, 4(7), 1-21. [doi:10.1186/s40594-017-0061-8](https://doi.org/10.1186/s40594-017-0061-8)
6. Stewart, C. O., **McConnell, J. R.**, *Stallings, L. A., & Roscoe, R. D. (2017). An initial exploration of students' mindsets, attitudes, and beliefs about public speaking. *Communication Research Reports*, 34(2), 180-185. [doi:10.1080/08824096.2016.1270821](https://doi.org/10.1080/08824096.2016.1270821)
5. Stewart, C. O., **McConnell, J. R.**, & Dickerson, D. L. (2017). Socioscientific and epistemic dimensions of support for science: Associations with science education and religiosity. *International Journal of Science Education, Part B: Communication and Public Engagement*, 7(1), 1-13. [doi:10.1080/21548455.2016.1157644](https://doi.org/10.1080/21548455.2016.1157644)
4. **McConnell, J. R.** (2016). The increasing ambiguity of race in the United States: Implications for educational policy and practice. *Journal of Student Success and Retention*, 3(1), 1-14.
3. Lynch-Alexander, E. M., **McConnell, J. R.**, Sanders, A. R., & Haddy, L. J. (2016). Saving our sons: An investigation of male and minority attrition in teacher education and a model to recruit, retain, and reward. *Journal of Interdisciplinary Education*, 15(1), 125-142.
2. Mitchell, A. W., & **McConnell, J. R.** (2012). A historical review of *Contemporary Educational Psychology* from 1995 to 2010. *Contemporary Educational Psychology*, 37(2), 136-147. [doi:10.1016/j.cedpsych.2011.11.001](https://doi.org/10.1016/j.cedpsych.2011.11.001)
1. **McConnell, J. R.** (1999). The ambiguity about death in Japan: An ethical implication for organ procurement. *Journal of Medical Ethics*, 25(4), 322-324. [doi:10.1136/jme.25.4.322](https://doi.org/10.1136/jme.25.4.322)

Non Peer-Reviewed Bulletins, Essays, and Reviews

3. **McConnell, J. R.** (2016). Aristotle's *De Anima* and modern biology: Both irresolute on the nature of viruses. *APA Newsletter on Philosophy and Medicine*, 16(1), 1-3.
2. **McConnell, J. R.** (2014). [Review of presentation *Program evaluation: The role of the school psychologist*, by A. Holt]. *Tennessee School Psychologist*, 31(3), 11.
1. **McConnell, J. R.** (2014). [Review of presentation *Essentials of positive behavior interventions and supports: Tier 2*, by K. Johnson & K. Kaasa]. *Tennessee School Psychologist*, 31(3), 10.

Technical Report Contributions

2. Austin Peay State University. (2019). *Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Level Change Application: Doctoral Program in Educational Leadership*. Clarksville, TN: Author.
1. Austin Peay State University (2018). *Tennessee Higher Education Commission (THEC) New Academic Program Proposal: Doctoral Program in Educational Leadership*. Clarksville, TN: Author.

Other

3. **McConnell, J. R.** (2016). Postcandelic. *APA Newsletter on Philosophy and Medicine*, 16(1), 30.
2. Gruszczynski, M., Ellis, K. H., **McConnell, J. R.**, Nichols, T., Ntatin, B., Walker, A., & Wills, A. (2015). *Promoting and increasing high impact practices at Austin Peay State University* (White paper). Clarksville, TN: Austin Peay State University.
1. **McConnell, J. R.** (2013). *Math and science teachers dropping out of public schools: A nationwide look at their lack of retention using structural equation modeling* (Doctoral dissertation). Available from ProQuest Dissertations and Theses database. (UMI No. 3570936)

Manuscript(s) in Review

- *Loftus, A., **McConnell, J. R.**, Garber, G., & Chester-Fangman, C. (2019). *Effectiveness of interactive video tutorials on APA writing proficiency in graduate education students*. Manuscript submitted to *Distance Learning*.

Research in Progress

- Estep, A. R., Lewis, L. O., & **McConnell, J. R.** (2019). *The effects of dance movement on falls risks in older adult populations*.
- McConnell, J. R.** (2019). *The state of educational leadership preparation in Tennessee: Trends and implications for higher education*.
- McConnell, J. R.**, Teske, A. H., Attwood, A. I., & Barron, L. L. (2019). *A comparison of students' performance and confidence in teaching abilities*.
- *Roberts, R. D., & **McConnell, J. R.** (2019). *Impact of proficient reader strategies on reading comprehension and writing proficiency*.

PRESENTATIONS

*student

International

3. Grogan, G. L., **McConnell, J. R.**, & *Sneed, H. N. (2018, July). *A change in perspective: Embracing inclusion through peer programs*. Presentation at the Division of International Special Education and Services (DISES) Conference, Cape Town, South Africa.
2. Grogan, G. L., **McConnell, J. R.**, & Stewart, J. G. (2015, October). *Reaching the full spectrum of learners: A student-driven, research-based, and results-oriented approach to helping students with autism spectrum disorder*. Roundtable discussion at the World Council for Curriculum and Instruction (WCCI) Interdisciplinary Education Conference, Nashville, TN.
1. Lowe, C., Lynch-Alexander, E. M., **McConnell, J. R.**, & Sanders, A. R. (2015, October). *Saving our sons: An investigation of male and minority attrition in teacher education and a model to recruit, retain, and reward*. Presentation at the World Council for Curriculum and Instruction (WCCI) Interdisciplinary Education Conference, Nashville, TN.

National

19. Bruster, B. G., & **McConnell, J. R.** (2020, March). *Predicting teacher effectiveness based on various preservice factors: Implications for higher education and the evaluation of teacher preparation*. Paper to be presented at the American Association of Colleges for Teacher Education (AACTE) Annual Meeting, Atlanta, GA.
18. Buttery, T. J., & **McConnell, J. R.** (2020, February). *Publication and dissemination of teacher education research and writing*. Roundtable discussion to be presented at the Association of Teacher Educators (ATE) Annual Meeting, Atlantic City, NJ.
17. Buttery, T. J., & **McConnell, J. R.** (2020, February). *Mindfulness for educators*. Roundtable discussion to be presented at the Association of Teacher Educators (ATE) Annual Meeting, Atlantic City, NJ.
16. **McConnell, J. R.**, Henson, H., & Short, P. C. (2020, February). *Three dimensional STEM as a precursor to rational decision-making in a multidimensional society*. Session to be presented for the NASA STEM Lab at the Association of Teacher Educators (ATE) Annual Meeting, Atlantic City, NJ.
15. **McConnell, J. R.**, Buttery, T. J., & Gatewood-Keim, C. A. (2020, February). *Predicting teacher effectiveness based on various preservice factors: Implications for higher education and the evaluation of teacher preparation*. Paper to be presented at the Association of Teacher Educators (ATE) Annual Meeting, Atlantic City, NJ.
14. **McConnell, J. R.**, Short, P. C., & *Williams, M. (2019, February). *Evaluating student inquiry-based learning using lab practicals (tests students love to take)*. Presentation for the NASA STEM Lab at the Association of Teacher Educators (ATE) Annual Meeting, Atlanta, GA.
13. Buttery, T. J., & **McConnell, J. R.** (2019, February). *Preparing educators to prevent childhood and teenage suicide*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Atlanta, GA.
12. Buttery, T. J., & **McConnell, J. R.** (2018, February). *Effectively conveying democratic ideals through educational publishing*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Las Vegas, NV.

11. Buttery, T. J., **McConnell, J. R.**, & Lambert, C. (2018, February). *Multiracial children as agents of democracy in a global society*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Las Vegas, NV.
10. Lynch-Alexander, E. M., **McConnell, J. R.**, & Lowe, C. (2017, February). *Informing teens about college*. Presentation at the Association of Teacher Educators (ATE) Annual Meeting, Orlando, FL.
9. Buttery, T. J., & **McConnell, J. R.** (2017, February). *Multiracial children: Racial identification, self-esteem, and school adjustment*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Orlando, FL.
8. Buttery, T. J., & **McConnell, J. R.** (2017, February). *Organizing and writing academic papers*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Orlando, FL.
7. **McConnell, J. R.**, & Buttery, T. J. (2016, October). *The web's attic: An internet archive resource*. Presentation at the National Social Science Association (NSSA) Fall Professional Development Meeting, St. Louis, MO.
6. Buttery, T. J., & **McConnell, J. R.** (2016, October). *Teaching the organization of writing in an online graduate course*. Paper presented at the National Social Science Association (NSSA) Fall Professional Development Meeting, St. Louis, MO.
5. **McConnell, J. R.**, Hardin, C. J., & Smith, V. B. (2016, October). *How to rock the CAEP: Having the right disposition, people, and data*. Presentation at the Council for the Accreditation of Educator Preparation (CAEP) Fall Conference, Washington, DC.
4. Buttery, T. J., & **McConnell, J. R.** (2016, August). *Multiracial children: Racial identification, self-esteem, and school adjustment*. Roundtable discussion at the Association of Teacher Educators (ATE) Summer Conference, Louisville, KY.
3. Buttery, T. J., & **McConnell, J. R.** (2016, July). *Teaching organizational and paper writing skills for use in online graduate courses*. Roundtable discussion at the Association of Teacher Educators (ATE) Summer Conference, Louisville, KY.
2. **McConnell, J. R.**, Lynch-Alexander, E. M., Lowe, C., & Lowrance, L. K. (2016, February). *The dearth of diversity in teacher education*. Roundtable discussion at the Association of Teacher Educators (ATE) Annual Meeting, Chicago, IL.
1. Stewart, C. O., **McConnell, J. R.**, & Dickerson, D. L. (2015, April, in absentia). *Deference to scientific authority and support for science across domains: Influences of science education and religiosity*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.

Regional

5. Stewart, J. G., **McConnell, J. R.**, Lowrance, L. K., & Short, P. C. (2017, October). *Accessibility and diversity in higher education faculty*. Roundtable discussion at the Southeastern Regional Association of Teacher Educators (SRATE) Annual Conference, Fayetteville, AR. (invited)
4. **McConnell, J. R.**, Wells, L. R., & *Roberts, R. D. (2017, October). *Preparing a future educator for research-based practices in instruction and assessment*. Roundtable discussion at the Southeastern Regional Association of Teacher Educators (SRATE) Annual Conference, Fayetteville, AR.
3. Stewart, C. O., **McConnell, J. R.**, *Stallings, L., & Roscoe, R. D. (2017, April, in absentia). *Exploring students' mindsets, beliefs, and attitudes about public speaking*. Presentation at the Southern States Communication Association (SSCA) Annual Convention, Greenville, SC.

2. Lowrance, L. K., Short, P. C., & **McConnell, J. R.** (2016, October). *Accepting disabilities and diversity in an aging teacher educator faculty*. Roundtable discussion at the Southeastern Regional Association of Teacher Educators (SRATE) Annual Conference, Reston, VA.
1. Hardin, C. J., Luck, D. D., & **McConnell, J. R.** (2014, October). *Digging for gold: Using data for program and EPP improvement*. Presentation at the Southeastern Regional Association of Teacher Educators (SRATE) Annual Conference, Charleston, SC.

State and Local

6. *Roberts, R. D., Wells, L. R., Lynch-Alexander, E. M., & **McConnell, J. R.** (2018, May). *Promoting undergraduate research as a high impact practice for EPPs*. Presentation at the Alabama Association of Teacher Educators (AATE) Conference, Athens, AL.
5. Grogan, G. L., **McConnell, J. R.**, *Gordon, A., & *Mejeun, E. (2016, October). *Mentoring and tutoring students with autism spectrum disorder: Self-efficacy and student perspectives*. Presentation at the Tennessee Association for Student Success and Retention (TASSR) Conference, Chattanooga, TN.
4. **McConnell, J. R.** (2016, April). *The use of propensity score matching, multiple comparison procedures, and effect size in a study of upside-down response to intervention*. Presentation at Austin Peay State University's Department of Mathematics and Statistics Spring Research Seminar, Clarksville, TN. (invited)
3. **McConnell, J. R.**, & Grogan, G. L. (2015, October). *Full spectrum learning: Supporting students with ASD in higher education*. Presentation at the Tennessee Association for Student Success and Retention (TASSR) Conference, Dickson, TN. (invited)
2. Lowrance, L. K., **McConnell, J. R.**, & Jerles, J. F. (2014, November). *Applied behavior analysis: Where has it been, where is it now, and where is it going?* Presentation at the Tennessee Association of School Psychologists (TASP) Mid-South Conference, Chattanooga, TN.
1. **McConnell, J. R.** (2013, October). *Using large data sets in educational research*. Presentation at the University of Memphis Educational Research Forum, Memphis, TN. (invited)

FUNDING

\$114,220.43 (total funded)

External

10. Higdon, T. A., Estep, A. R., Butler, K. L., **McConnell, J. R.**, & Soares, W. C. (2019, April). *Prescription for freshmen success: Developing a culture of physical activity on campus*. Evidence for Action (E4A) Investigator-Initiated Research to Build a Culture of Health Grant, Robert Wood Johnson Foundation, Princeton, NJ. \$450,000.00 (not funded)
9. Short, P. C., **McConnell, J. R.**, Lowe, C., Bruster, B. G., Chaparadza, A., Young, H., Braxton, M. L., Gatewood-Keim, C., Sullivan, L. M., & Sanders, A. R. (2019, April). *Strategic teaching of relevant investigations for diverse educators of science*. Diversity in Teaching (DIT) Grant, Tennessee Higher Education Commission, Nashville, TN. \$100,000.00 (not funded)
8. Higdon, T. A., Estep, A. R., Butler, K. L., **McConnell, J. R.**, & Soares, W. C. (2019, March). *Prescription for freshmen success: Developing a culture of physical activity on campus*. Student Engagement,

- Retention, and Success (SERS) Grant, Tennessee Board of Regents' Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$25,000.00 (not funded)
7. Lynch-Alexander, E. M., **McConnell, J. R.**, Burke, K., & Walker, A. L. (2016, April). *Researching career readiness and future thinkers (CRAFT) program for youth crime prevention*. Research Grant for the New Investigator/Early Career Program in the Social and Behavioral Sciences, National Institute of Justice, Washington, DC. \$149,918.00 (not funded)
 6. Gold, M. E., Lowe, C., Lynch-Alexander, E. M., Sanders, A. R., Bouton, B. D., & **McConnell, J. R.** (2016, February). *Project InTAC: Informing teens about college*. Faculty Research Grant, Tennessee Board of Regents' Office of Academic Affairs and Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$39,703.00 (funded)
 5. Lynch-Alexander, E. M., **McConnell, J. R.**, Burke, K., & Walker, A. L. (2016, February). *Research on promoting retention through internships and student mentoring*. Faculty Research Grant, Tennessee Board of Regents' Office of Academic Affairs and Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$37,890.00 (not funded)
 4. Lynch-Alexander, E. M., **McConnell, J. R.**, Burke, K., & Walker, A. L. (2016, January). *APSU promoting retention through internships and student mentorships*. Student Engagement, Retention, and Success (SERS) Grant, Tennessee Board of Regents' Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$14,995.00 (funded)
 3. Grogan, G. L., & **McConnell, J. R.** (2015, September). *Improving the quality of teachers of students with disabilities in STEM subjects*. Improving Teacher Quality (ITQ) Grant, Tennessee Higher Education Commission, Nashville, TN. \$72,822.00 (not funded)
 2. Grogan, G. L., **McConnell, J. R.**, Taylor, L., & Golson, M. (2015, January). *APSU autism initiative: Improving the engagement, success, and retention of students with autism spectrum disorder through specialized tutoring*. Student Engagement, Retention, and Success (SERS) Grant, Tennessee Board of Regents' Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$19,999.43 (funded)
 1. Taylor, J. R., Grogan, G. L., **McConnell, J. R.**, & Norman, J. (2014, December). *APSU autism initiative: Improving the efficacy of faculty teaching students with autism spectrum disorder*. Faculty Research Grant, Tennessee Board of Regents' Office of Academic Affairs and Office of Organizational Effectiveness and Strategic Initiatives, Nashville, TN. \$40,000.00 (not funded)

Internal

8. **McConnell, J. R.**, Lynch-Alexander, E. M., & Lowe, C. (2017, April). *Attendance and presentation at the annual ATE conference*. Access and Diversity Grant, Austin Peay State University's Diversity Committee, Clarksville, TN. \$2,976.00 (funded)
7. **McConnell, J. R.** (2016, September). *Attendance and presentation at the NSSA professional development conference*. Distance Education Travel Stipend, Austin Peay State University's Center for Extended and Distance Education, Clarksville, TN. \$500.00 (funded)
6. Lowrance, L. K., **McConnell, J. R.**, & Sanders, A. R. (2016, April). *Promoting diversity in teacher education for 2016-2017*. Student Academic Success Initiative Grant, Austin Peay State University's Office of Academic Affairs, Clarksville, TN. \$5,000.00 (not funded)
5. **McConnell, J. R.** (2016, January). *Attendance and presentation at the annual ATE conference*. Access and Diversity Grant, Austin Peay State University's Diversity Committee, Clarksville, TN. \$2,547.00 (funded)

4. Jerles, J. F., Lynch-Alexander, E. M., Gold, M. E., Sanders, A. R., Lowe, C., **McConnell, J. R.**, Lowrance, L., & Wang, L. (2016, January). *Minority student materials scholarship for the diversity task force*. Access and Diversity Grant, Austin Peay State University's Diversity Committee, Clarksville, TN. \$1,000.00 (funded)
3. **McConnell, J. R.**, & Barrett, B. C. (2015, April). *Course revitalization for EDUC 5000: Research in education*. Online and Hybrid Course Development Funds, Austin Peay State University's Office of Distance Education, Clarksville, TN. \$2,500.00 (funded)
2. **McConnell, J. R.**, & Bouton, B. D. (2015, April). *Propensity score matching, multiple comparison procedures, and interaction effects using SPSS: Investigating the effectiveness of upside-down response to intervention*. Scholarly and Creative Fellowship Program Grant, Austin Peay State University's Office of Academic Affairs and College of Graduate Studies, Clarksville, TN. \$2,984.40 (not funded)
1. **McConnell, J. R.**, Grogan, G. L., & Golson, M. (2015, March). *Establishing and sustaining an autism-friendly culture of engagement, reflection, and reciprocal learning through the specialized mentoring and tutoring of students with autism spectrum disorder*. E³ Experience Opportunities Grant, Austin Peay State University's Learning Opportunities Center, Clarksville, TN. \$30,000.00 (funded)

SERVICE

International

Reviewer, *Journal for STEM Education Research* 2018-Present

National

Site Visitor, Council for the Accreditation of Educator Preparation (CAEP) 2018-2021
Discussant, Evaluation Research Session for the ATE Annual Meeting 2018
Member, NASA/ATE Joint Commission on STEM Education 2017-2020
Reviewer, National Youth-At-Risk (NYAR) Conference 2017
Reviewer, American Educational Research Association (AERA) Annual Meeting 2017
Moderator, Association of Teacher Educators (ATE) Annual Meeting 2016-2019
Co-Chair, Distinguished Dissertation in Teacher Education Award Subcommittee for ATE 2016-2021
Member, Research Committee for ATE 2015-2021

Regional

Assistant Editor, *Journal of the Southeastern Regional Association of Teacher Educators* 2015-2016
Reviewer, *Journal of the Southeastern Regional Association of Teacher Educators* Board of Peer Reviewers 2014-2016

State

Editor, *Tennessee Educational Leadership* 2018-Present
Site Visitor, Tennessee Department of Education 2016-Present
Member, Institutional Review Board for the Tennessee Board of Regents 2016-Present
Moderator, Tennessee Association of School Psychologists (TASP) Mid-South Conference 2014

Reviewer, Tennessee Association of School Psychologists (TASP) Mid-South Conference **2014**

Austin Peay State University

Member, Staff Search Committee for Executive Director of Decision Support and Institutional Research **2018**

Member, Adjunct and Full Time Temp Orientation Ad Hoc Committee **2018**

Member, QEP Summer Assessment Team **2017, 2019**

Member, Intellectual Property and Commercialization Committee **2017-2018**

Member, Staff Search Committee for Curriculum Coordinator **2017**

Member, Information Technology Advisory Committee **2017**

Member, Research Council (formerly part of the Graduate and Research Council) **2016-2018**

Member, Institutional Effectiveness Committee **2015-2017**

Member, Faculty and Staff Explore Experience Excel Cohort **2015**

Research Advisor, Full Spectrum Learning **2014-Present**

Eriksson College of Education

Member, Faculty Search Committee for Doctoral Faculty in Educational Leadership **2017-2018**

Chair, Rubric Evaluation Committee **2016-2017**

Member, Research Engagement Committee **2016-2017**

Member, Dean Search Committee **2016-2017**

Chair, Council for the Accreditation of Educator Preparation Standard Five Subcommittee **2015-2018**

Member, Doctoral Writing Committee **2015-2018**

Member, Faculty Search Committee for Science Generalist **2015-2016**

Member, Educational Specialist Program Review Committee **2014-Present**

Member, Teacher Education Council **2014-Present**

Member, Diversity Task Force to Increase Minority and Male Enrollment **2014-2016**

Member, Social Committee **2014-2016**

Member, Appeals Committee **2014-2015**

Seton Hall University

Member, Stewardship Committee **2018**

University of Memphis

Proctor, Comprehensive Examination for the Department of Counseling, Educational Psychology and Research **2013**

Community

Proctor, TNReady for Richview Middle School **2019**

Invited Guest Speaker, Cheatham County Central High School **2019**

Invited Keynote Speaker, Walmart Academy **2017**

Invited Guest Speaker, West Creek High School **2015**

Mentor, tnAchieves Middle Tennessee Region

2014-Present

MEMBERSHIPS

National

American Educational Research Association	2012-Present
Division D: Measurement and Research Methodologies	2012-Present
American Psychological Association	2013-2015
Division 5: Evaluation, Measurement, and Statistics	2013-2015
Division 15: Educational Psychology	2013-2015
Association of Teacher Educators	2015-Present
Middle Level Educators Special Interest Group	2016-Present
Educational Leadership Special Interest Group	2018-Present
Council on Undergraduate Research	2016-Present
National Eagle Scout Association	1997-Present
National Social Science Association	2016-2017

Regional

Southeastern Regional Association of Teacher Educators	2016-Present
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State and Local

Tennessee Association for Student Success and Retention	2015-2017
Tennessee Association of School Psychologists	2014-2015
University of Memphis Alumni Association	2013-Present
University of Tennessee Alumni Association	2000-Present

STUDENT MENTORING

Doctoral Committees Serving and Completed

4. Rougemont, N. (in progress). *The effects of primary school second language acquisition on middle school achievement* (Doctoral dissertation). Austin Peay State University, Clarksville, TN.
3. Perry, A. (in progress). *The influence of student engagement through the use of technology and its subsequent effects on student achievement* (Doctoral dissertation). Austin Peay State University, Clarksville, TN.
2. McCord, M. (in progress). *The impact of student recreation fitness wellness and recreational sports at six two-year college campuses in the Arkansas Delta Region from perceptions of student participants* (Doctoral dissertation). William Woods University, Fulton, MO.
1. Frost, M. (2017). *The effects of career academies on academic achievement and college readiness* (Doctoral dissertation). Union University, Jackson, TN.

Educational Specialist Committees Chairing and Completed

6. Massey, T. (2018). *Rethinking admission criteria in a Tennessee nursing program to improve quality nursing outcomes* (Field study). Austin Peay State University, Clarksville, TN.
5. Thompson, J. (2018). *Clinical placement and skills training in the radiological sciences: Does placement matter?* (Field study). Austin Peay State University, Clarksville, TN.
4. Funderburk, R. (2017). *The effect of school wide positive behavior support programs on student achievement* (Field study). Austin Peay State University, Clarksville, TN.
3. Button, J. (2016). *The academic success of lottery scholarship recipients relative to initial eligibility, housing status, employment, gender, and academic year* (Field study). Austin Peay State University, Clarksville, TN.
2. Carr, D. (2016). *The effect of response to intervention on improving student achievement using second grade benchmark assessments* (Field study). Austin Peay State University, Clarksville, TN.
1. Bullock, A. (2015). *The effect of using measurement benchmarks on the beliefs and metric knowledge of preservice elementary teachers* (Field study). Austin Peay State University, Clarksville, TN.

Educational Specialist Committees Serving and Completed

13. Clark, L. (2019). *The effects of blended learning and traditional teaching on student achievement* (Field study). Austin Peay State University, Clarksville, TN.
12. Carrington, L. (2019). *The effects of the inclusion classroom on the achievement of general education students* (Field study). Austin Peay State University, Clarksville, TN.
11. Smith, K. (2018). *Career decision self-efficacy among students entering postsecondary career and technical education* (Field study). Austin Peay State University, Clarksville, TN.
10. Allen, C. (2018). *Math education for special education students: Special education and high school state assessments* (Field study). Austin Peay State University, Clarksville, TN.
9. Miller, A. (2018). *The impact of college and career ready initiatives on high school preparedness for postsecondary options* (Field study). Austin Peay State University, Clarksville, TN.
8. Perry, A. (2018). *The influence of student engagement through the use of technology and its subsequent effects on student achievement* (Field study). Austin Peay State University, Clarksville, TN.
7. Shelby, T. (2018). *The effects of an examination exemption policy on absenteeism and student achievement* (Field study). Austin Peay State University, Clarksville, TN.
6. Schmittou, E. (2017). *Examining the effectiveness of response to intervention and instruction in mathematics and reading: Comparing certified teachers to educational assistants as interventionists during the first year of implementation at an elementary school located in a middle Tennessee suburban school district* (Field study). Austin Peay State University, Clarksville, TN.
5. Rone, S. (2016). *The impact on tier 1 student achievement due to "response to intervention" implementation in one elementary school in a middle Tennessee metropolitan school district* (Field study). Austin Peay State University, Clarksville, TN.
4. Stratman, S. (2016). *The impact of RTI presentation: Is pullout or in-class the better method?* (Field study). Austin Peay State University, Clarksville, TN.

3. O'Neill, A. (2016). *The effects of STEM integration on the mathematics achievement of males and females in grades three through eight* (Field study). Austin Peay State University, Clarksville, TN.
2. Dugger, S. (2016). *The relationship between formative and summative assessment scores* (Field study). Austin Peay State University, Clarksville, TN.
1. Sullivan, G. (2015). *The effects of mathematics remediation on entering high school freshman after participating in a remedial mathematics summer camp* (Field study). Austin Peay State University, Clarksville, TN.

SELECTED AWARDS/HONORS

Austin Peay State University

Chair's Award for Excellence in Research and Scholarly Pursuits	2018
Helping Hands Award, Center for Adult and Non-Traditional Students	2018
Socrates Award for Excellence in Teaching (nominated)	2016, 2018

University of Memphis

Outstanding Graduate Student in Educational Research Award	2012
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University of Tennessee

Dean's List, <i>summa cum laude</i>	2000
Ed Hawkins Memorial Scholarship for Academic Achievement	1999
Golden Key International Honor Society	
Phi Beta Kappa Society	
Phi Eta Sigma National Honor Society	

TECHNICAL PROFICIENCY

Statistical Software

LISREL, Mathematica, MATLAB, R, SAS, SPSS, STATA

Learning Management Systems

Blackboard, Chalk & Wire, Desire2Learn, LiveText

PROFESSIONAL REFERENCES

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