

Jennifer R. McGee, Ed.D.

Owner, McGee3 Education Consulting
22328 John Gamble Rd.
Cornelius, NC 28031

jenn@mcgee3educationconsulting.com
www.mcgee3educationconsulting.com

EDUCATION

2012 University of North Carolina at Charlotte Charlotte, NC

Doctor of Education (Ed.D.)

Program: Educational Leadership
Specialization: Research and Evaluation
Secondary Specialization: Cognitive Science
Dissertation Chair: Dr. Chuang Wang

2005 University of Florida Gainesville, FL

Master of Science (M.S.)

Program: Agricultural Education
Emphasis: Special Education
Thesis Chair: Dr. Shannon Washburn

2003 North Carolina State University Raleigh, NC

Bachelor of Science (B.S.)

Program: Agricultural Education
Minor: Horticulture Science
North Carolina Teaching Fellow

LICENSES AND CERTIFICATIONS

Quality Matters Teaching Online Certificate (2021)
Quality Matters Course Review passed for RES 5080: Data Driven School Leadership (2020)
North Carolina Teaching License: Agriculture 9-12

RESEARCH AND TEACHING INTERESTS

Assessment and Program Evaluation
Quantitative Research Methods
STEM Education
Leadership and Policy

CURRENT HIGHER EDUCATION POSITIONS AND ROLES

2017 – present Appalachian State University Boone, NC

Associate Professor

Educational Research and Evaluation

Department of Curriculum and Instruction

Teach educational research, applied statistics, and classroom assessment courses. Advise students on theses and dissertations. Conduct educational research and serve in various roles on departmental, college, and university committees. Will submit materials for full professor in fall 2022.

2015 - present Appalachian State University Boone, NC

Faculty Fellow

Center for Analytics Research and Education (CARE)

Walker College of Business

Serve as evaluator and co-PI on research projects with interdisciplinary faculty and students. Attend training sessions in data analytics techniques. Mentor students.

2012 - present Appalachian State University Boone, NC

Course-Alike Coordinator

CI 3400: Policies and Practices in Educational Assessment

Reich College of Education

Coordinate course content across all sections of CI 3400. Organize and maintain course file archives and data. Support new faculty and adjuncts who teach this course each semester. Manage data collection for accreditation purposes. CI 3400 is a core course in the sequence of required teacher education courses. This course is taught to all majors (BK-12) who wish to obtain teacher licensure.

CURRENT GRANTS & CONTRACTS

Co-PI, The Appalachian High Achievers in STEM (S-STEM, NSF 17-527)

Source: National Science Foundation

Amount: \$999,983.78

Term: Fall 2018 - 2023

Evaluator, CS4App: Bringing Computer Science to Rural Appalachian High Schools (CS for All)

Source: National Science Foundation

Term: 2021 - 2023

PREVIOUS HIGHER EDUCATION EXPERIENCE

2012 – 2017 Appalachian State University Boone, NC

Assistant Professor

Educational Research and Evaluation

Department of Curriculum and Instruction

Taught classroom assessment, educational research, and applied statistics courses. Advise doctoral students. Conduct educational research and serve in various roles on departmental, college, and university committees.

2015 Appalachian State University Boone, NC
Acting Director of Teacher Education Assessment
Dean's Office
Reich College of Education
Served in an advisory role for college-level assessment activities while the Director of Teacher Education Assessment was on leave.

2012 – 2017 University of North Carolina at Charlotte Charlotte, NC
Adjunct Professor
Department of Educational Leadership
Taught sections of RSCH 6101 (Research Methods) during summer sessions and online.

2011 – 2012 Appalachian State University Boone, NC
Director of Teacher Education Assessment
Dean's Office
Reich College of Education
Manage and direct program assessment and data collection in Tk20. Manage and analyze course evaluations. Prepare data analysis for accreditation. Other research consultation as needed.

2008 – 2011 University of North Carolina at Charlotte Charlotte, NC
Graduate Research Assistant
Center for Educational Measurement and Evaluation
Cato College of Education
Lead external evaluator for the Content Development for Investigations (CoDE: I) Project, a Math Science Partnership Grant shared by Kannapolis City Schools, Charlotte Mecklenburg Schools, and the University of North Carolina at Charlotte Center for Math, Science, and Technology Education. Lead external evaluator for the ArtStart program, a federal grant-funded arts-integration program.

2008 – 2009 University of North Carolina at Charlotte Charlotte, NC
Graduate Assistant
Department of Educational Leadership
The University of North Carolina at Charlotte, Charlotte, NC
Lead external evaluator for the ArtStart program, a federal grant-funded arts-integration program

2003 – 2005 University of Florida Gainesville, FL
Graduate Research and Teaching Assistant
Department of Agricultural Education & Communication
External evaluation for the Space Agriculture in the Classroom program. Other projects as assigned.

PREVIOUS K-12 TEACHING EXPERIENCE

2006 - 2008

Agriculture Teacher (12-month contract)

South Rowan High School, China Grove NC

Responsible for teaching the following agriculture courses:

Agriscience Applications (9th grade),

Horticulture I (10th, 11th, and 12th grade),

Horticulture II (11th and 12th grade), and Advanced Studies (12th grade).

Advised our Future Farmers of America (FFA) chapter (10 officers, 200+ members).

2005 - 2006

Horticulture Teacher (12-month contract)

North Mecklenburg High School, Huntersville NC

Taught 6 Horticulture I classes (9th-12th grade). Advised the FFA chapter and chapter officers. Finalist for New Teacher of the Year.

PREVIOUS GRANTS & CONTRACTS

Evaluator, Educational Attainment Analytics and Evaluation in Public School Systems

Source: GEAR UP at Appalachian State University

Terms: 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2016 - 2015

Evaluator, Burke County Smart Start

Term: 2013

Unfunded Grant Proposals

Evaluator, GEAR UP North Carolina

Submitted: October 2019

Evaluator, Research Experience for Undergraduates (REU)

Source: National Science Foundation

Submitted: August 2019

Evaluator, The James S. McDonnell Foundation Grant

Project: Factors That Influence Teachers' Culturally Responsive Teaching and Improve Culturally and Linguistically Diverse Students' Academic Language

Source: The James S. McDonnell Foundation

Submitted: May 2019

Evaluator, Advancing Informal STEM Learning (AISL)

Source: National Science Foundation

Submitted: November 2017

Evaluator, Organizational Change for Gender Equity in STEM Academic Professions (ADVANCE)

Source: National Science Foundation

Submitted: September 2017

Co-PI, Empowering Teachers to Introduce Computer Science in STEM Courses (STEM+C)

Source: National Science Foundation

Amount: \$996,566.28

Submitted: March 2017

RECENT LEADERSHIP IN PROFESSIONAL ORGANIZATIONS

2023 - 2024

Chair, Professors of Educational Research Special Interest Group (SIG)

American Educational Research Association (AERA)

2022 - 2023

Program Chair, Professors of Educational Research Special Interest Group (SIG)

Secretary, Survey Research in Education Special Interest Group (SIG)

American Educational Research Association (AERA)

2013 - 2021

Past President

President

President-Elect

Secretary

Board Member

North Carolina Association for Research in Education (NCARE)

2017 - 2020

Board Member

Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE)

HONORS and AWARDS

Nominee, Reich College of Education Undergraduate Teaching Award (2022)

Nominee, Reich College of Education Mentoring Award (2021)

Recipient, Reich College of Education Outstanding Scholarship/Creative Achievement Award (2019)

Nominee, Reich College of Education Outstanding Teaching Award (2019)

Nominee, Appalachian State University Distinguished Graduate Faculty Award (2019)
Recipient, North Carolina Association for Research in Education (NCARE) Fall Member
Spotlight (2014)
Recipient, "Legacy for Leadership Outstanding Dissertation" Award, University of North
Carolina at Charlotte, Department of Educational Leadership (2013)
Recipient, Phillip Morris Educational Leadership Grant (2008 – 2010)
Recipient, National Association of Agriculture Educators, "Teacher's Turn the Key" Award
(2007)
Finalist, New Teacher of the Year Award, North Mecklenburg High School (2005 - 2006)

SCHOLARSHIP

Peer-Reviewed Publications

- McGee, J. R.**, Shoaf, G., Huelsman, T., & McClannon, T. (submitted 2021). The paradox of teacher job satisfaction: Balancing joys and challenges. *Submitted to the Journal of School Leadership*.
- McGee, J. R.**, Colby, S. A., & Reeder, H. (2021). Preparing candidates for edTPA task 3 assessment: The experience of one educator preparation program. *Journal of Applied Educational and Policy Research*, 6(1), 1-18.
<https://journals.uncc.edu/jaepr/issue/view/101>
- McGee, J. R.**, & Tashakkori, R. (2021). STEM scholars' sense of community during the COVID-19 pandemic. *Journal of College Science Teaching*, 51(1), 50-58.
<https://www.nsta.org/journal-college-science-teaching/journal-college-science-teaching-septemberoctober-2021/stem>
- Cooper, E., **McGee, J. R.**, Levine-Brown, P., Bolt, L. L. (2019). The effectiveness of redesigns in developmental education. *Journal of Developmental Education*, 43(1), 20-32.
- Gross, L., **McGee, J. R.**, James, J., & Hodge, C. (2019). Play to pedagogy: Formative childhood experiences and the development of preservice elementary science educators. *Journal of Science Teacher Education*, 30(8), 856-871.
[doi:10.1080/1046560X.2019.1616516](https://www.tandfonline.com/doi/abs/10.1080/1046560X.2019.1616516)
<https://www.tandfonline.com/doi/abs/10.1080/1046560X.2019.1616516>
- Harrison, M, Gross, L., **McGee, J. R.** (2018). An investigation into the impact of environmental education certification on perceptions of personal teaching efficacy. *Journal of Interpretation Research*, 22(2).
https://www.interpnet.com/NAI/nai/publications/JIR_v22n2_Harrison.aspx
- Cazier, J. A., Sargent-Jones, L., **McGee, J. R.**, Jacobs, M., Paprocki, D., & Sledge, R. (2017). Moving from forecast to prediction: How honors programs can use easily accessible

predictive analytics to improve enrollment management. *Journal of the National Collegiate Honors Council*, 18(2). <https://files.eric.ed.gov/fulltext/EJ1222310.pdf>

- Polly, D., Martin, C. S., **McGee, J. R.**, Wang, C., Lambert, R. G. & Pugalee, D. K. (2016). Designing mathematics professional development for kindergarten teachers: Framework, findings, and implications. *Early Childhood Education Journal*, doi: 10.1007/s10643-016-0810-1
- Colby, S., Lambert, M., **McGee, J. R.**, (2016). Utilizing collaborative analysis of student learning in educator preparation programs for continuous improvement. *SAGE Open Special Edition*, doi: 10.1177/2158244016673131
- Morris, D., Meyer, C. K., Trathen, W. R., **McGee, J. R.**, Vines, N., Stewart, T., Gill, T., & Schlagal, R. (2016). The Simple View, Instructional Level, and the Plight of Struggling Fifth-Sixth Grade Readers. *Reading & Writing: Overcoming Learning Difficulties*, doi: 10.1080/10573569.2016.1203272
- Martin, C. S., Polly, D., **McGee, J. R.**, Wang, C., Lambert, R. G. & Pugalee, D. K. (2015). Exploring the relationship between questioning, enacted tasks, and mathematical discourse in elementary school mathematics. *The Mathematics Educator*, 24(2), 3-27.
- Polly, D., **McGee, J. R.**, Wang, C., Martin, C. S., Lambert, R. G., Pugalee, D. K. (2015). Linking professional development, teacher outcomes, and student achievement: The case of a learner-centered mathematics program for elementary school teachers. *International Journal of Educational Research*, 72, 26-37. doi: 10.1016/j.ijer.2015.04.002
- McGee, J. R.**, & Colby, S. (2015). Impact of an assessment course on teacher candidates' assessment literacy. *Action in Teacher Education*, 36, 522-532. doi: 10.1080/01626620.2014.977753. <https://www.tandfonline.com/doi/abs/10.1080/01626620.2014.977753>
- McGee, J. R.**, & Wang, C. (2014). Validity-supporting evidence of the self-efficacy for teaching mathematics instrument. *Journal of Psychoeducational Assessment*, 32, 390-403. doi: 10.1177/0734282913516280. <https://journals.sagepub.com/doi/abs/10.1177/0734282913516280>
- Lambert, R., Algozzine, B., & **McGee, J.R.** (2014). Effects of progress monitoring on math performance of at-risk students. *Journal of Education, Society and Behavioural Science*, 4(4), 527-544. doi: 10.9734/BJESBS/2014/7259 <https://www.journaljesbs.com/index.php/JESBS/article/view/16994>
- Polly, D., Wang, C., **McGee, J.R.**, Lambert, R.G., Martin, C.S., & Pugalee, D.K. (2014). Examining the influence of a curriculum-based elementary mathematics professional development program. *Journal of Research in Childhood Education*, 28,

327-343. doi: 10.1080/02568543.2014.913276

<https://www.tandfonline.com/doi/abs/10.1080/02568543.2014.913276>

McGee, J. R., & Hancock, D. R. (2013). Arts-integration to enhance student learning. *Gender, Education, Music, and Society*, 6(4), 4-10.

<https://ojs.library.queensu.ca/index.php/gems/article/view/5085>

Polly, D., Wang, C., Lambert, R. G., Martin, C. S., **McGee, J. R.**, Pugalee, D. K., & Lehew, A. J. (2013). Supporting kindergarten teachers' mathematics instruction and student achievement through a curriculum-based professional development program. *Early Childhood Education Journal*. doi: 10.1007/s10643-013-0605-6

<https://link.springer.com/article/10.1007/s10643-013-0605-6>

Polly, D., **McGee, J. R.**, Wang, C., Lambert, R. G., Pugalee, D. K., & Johnson, S. (2013). The association between teachers' beliefs, enacted practices, and student learning in mathematics. *The Mathematics Educator*, 22, 2, 11-30.

<https://eric.ed.gov/?id=EJ1013943>

McGee, J. R., Polly, D., & Wang, C. (2013). Guiding teachers in the use of a standards-based mathematics curriculum: Teacher perceptions and subsequent instructional practices after an intensive professional development program. *School Science and Mathematics*, 113, 16-28.

<https://onlinelibrary.wiley.com/doi/10.1111/j.1949-8594.2012.00172.x>

Algozzine, B., & **McGee, J. R.** (2011) Reported occurrence and perceptions of violence in middle and high schools. *The Clearing House: A Journal of Educational Strategies, Issues and Ideas*, 84, 91-97.

<https://www.tandfonline.com/doi/abs/10.1080/00098655.2010.524952>

Polly, D., **McGee, J.R.**, & Sullivan, C. (2010). Employing Technology-Rich Mathematical Tasks to Develop Teachers' Technological, Pedagogical, and Content Knowledge (TPACK). *The Journal of Computers in Math and Science Teaching*, 29, 455-472.

<https://eric.ed.gov/?id=EJ916802>

Israel, G. D., **Richardson, J. M.**, Osborne, E. W., Washburn, S. G. & Dyer, J. E. (2005). Coverage and outcomes of the space agriculture in the classroom program. *Journal of Southern Agricultural Education Research*, 55, 1, 74-87. (Maiden name is Richardson)

Technical Reports

McGee, J. R. (2022). *Year 1 Focus Group Findings*. Technical Report submitted to the National Science Foundation CS4App Program at Appalachian State University.

McGee, J. R. (2022). *Year 1 Evaluation Report*. Technical Report submitted to the National Science Foundation CS4App Program at Appalachian State University.

Germuth, A. A. & **McGee**, J. R. (2021). *Year 3 Evaluation Report*. Technical Report submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

McGee, J. R. (2021). *Formative Evaluation Report*. Technical Report submitted to the National Science Foundation CS4All Grant Program at Appalachian State University.

Germuth, A. A. & **McGee**, J. R. (2021). *Summary of Survey Responses, ASU S-STEM Participants, Spring 2021*. Technical Reports submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

Germuth, A. A. & **McGee**, J. R. (2020). *Year 2 Evaluation Report*. Technical Report submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

Germuth, A. A. & **McGee**, J. R. (2020). *Summary of Survey Responses, ASU S-STEM Participants, Spring 2020*. Technical Reports submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

Germuth, A. A. & **McGee**, J. R. (2020). *Student Focus Group Results - February 2020*. Technical Reports submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

McGee, J. R. & Hodge, C. (2019). *1.D.1 Results Report for Years 1 through 4: Teacher Survey Report on PSE Outcomes*. Technical Reports submitted to the Appalachian GEAR UP program.

Germuth, A. A. & **McGee**, J. R. (2019). *Year 1 Evaluation Report*. Technical Reports submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (National Science Foundation# 1259496).

Germuth, A. A. & **McGee**, J. R. (2019). *Student Focus Group Results - April 2019*. Technical Reports submitted to the National Science Foundation S-STEM Grant Program at Appalachian State University (NSF# 1259496).

Hodge, C., **McGee**, J. R., Bergman, S. M., Jeffer, S., & Booth, H. (2018). *Year 4 2017-2018 Teacher Survey Summative Report*. Technical Reports submitted to the Appalachian GEAR UP program.

Hodge, C., **McGee**, J. R., Bergman, S. M., & Morgan, Z. (2018). *2018 Teacher Survey: Initial Look at Professional Development Needs and College Going Culture*. Technical Reports submitted to the Appalachian GEAR UP program.

- Alvarez, K., Parry, R. M., Bergman, S. M., **McGee**, J. R. (2017). *Direct and Virtual Tutoring Usage and Academic Performance: Y2 Report*. Technical Reports submitted to the Appalachian GEAR UP program.
- Modi, B., Ritchie, S., Bergman, S. M., & **McGee**, J. R. (2017). *SSA (Student Success Agency) 2017 Pre-Post Survey Results*. Technical Reports submitted to the Appalachian GEAR UP program.
- Bergman, S.M., **McGee**, J.R., & Ritchie, S. (2017). *College Expectations Analysis*. Technical Reports submitted to the Appalachian GEAR UP program.
- McGee, J. R.**, Hodge, C., & Bergman, S. M. (2017). *Growth Mindset Classroom Teacher Pre-Test Report*. Technical Reports submitted to the Appalachian GEAR UP program.
- McGee, J. R.**, Hodge, C., & Bergman, S. M. (2017). *Growth Mindset Teacher Champion Training Summative Evaluation Report*. Technical Reports submitted to the Appalachian GEAR UP program.
- McGee, J. R.**, Ritchie, S., Bergman, S. M. (2017). *Growth Mindset Formative Evaluation Report*. Technical Reports submitted to the Appalachian GEAR UP program.
- Ritchie, S., Jeffer, S., **McGee, J. R.**, & Bergman, S. M. (2017). *SSA (Student Success Agency) 2017 Formative Evaluation Report*. Technical Reports submitted to the Appalachian GEAR UP program.
- Hansen, M., Bergman, S., **McGee**, J.R. (2017). *Math One: Eighth Grade Enrollment Analysis (2017 Updated Report)*. Technical Report submitted to the Appalachian GEAR UP program.
- Hansen, M., Bergman, S., **McGee**, J.R. (2017). *Math One: Eighth Grade Enrollment Analysis (2017 Initial Results Summary)*. Technical Report submitted to the Appalachian GEAR UP program.
- McGee, J. R.**, Ritchie, S., Bergman, S. M. (2016). *Growth Mindset Needs Assessment Reports*. Technical Reports submitted to the Appalachian GEAR UP program and Watauga County Schools.
- Parry, R. M., Bergman, S. M., **McGee**, J. R. (2016). *GEAR UP Year 2: Tutoring Usage Summary*. Technical Report submitted to the Appalachian GEAR UP program.
- Spaulding, T., Bergman, S. M., **McGee**, J. R. (2016). *Previous GEAR UP Services: Data Mining Project (Results Summary)*. Technical Report submitted to the Appalachian GEAR UP program.

- McGee, J. R.,** Bergman, S. M., Hansen, M. (2016). *The Relationship Between Mathematics Course Dosage, Time and Postsecondary Outcomes: A Literature Review*. Technical Report submitted to the Appalachian GEAR UP program.
- Hansen, M., Bergman, S., **McGee, J.R.** (2016). *Math One: Eighth Grade Enrollment Analysis (Initial Results Summary)*. Technical Report submitted to the Appalachian GEAR UP program.
- McGee, J. R.,** Bergman, S., Hansen, M. (2016). *2015-2016 Math 1 Enrollment: Missing Data Report*. Technical Report submitted to the Appalachian GEAR UP program.
- Cazier, J., Westwood, J., Cech, T., Spaulding, T., Bergman, S., **McGee, J. R.,** Dickinson, D. (2015). *Sleep Study Report and Proposed Next Steps*. Technical Report submitted to the Appalachian GEAR UP program.
- Cazier, J. & **McGee, J. R.** (2015). *Text Mining, Analytics and Yield Management in the Honors College*. Technical Report submitted to the Honors College at Appalachian State University.
- Wang, C., Zuo, H., Martin, C., **McGee, J. R.,** & Lambert, R. G. (2014). *MSP End of Year Three Summative Report (Technical Report CEMETR-2014-04)*. Charlotte, North Carolina: Center for Educational Measurement and Evaluation.
- Wang, C., **McGee, J. R.,** Zuo, H., & Lambert, R. G. (2014). *MSP Project CoDE: I Year Two Summative Report (Technical Report CEMETR-2014-03)*. Charlotte, North Carolina: Center for Educational Measurement and Evaluation.
- McGee, J. R.,** Brewer, D., & McGaha, C. (2013). *Burke County Head Start Summative Report*. Morganton, North Carolina.
- Wang, C., **McGee, J. R.,** & Lambert, R. G. (2010). *MSP grant project CoDE:I Evaluation end of year one summary (Technical Report CEMETR-2010-04)*. Charlotte, North Carolina: Center for Educational Measurement and Evaluation.
- Lambert, R. G., Kim, D. - H., Taylor, H., & **McGee, J.** (2010). *Technical manual for the teaching strategies gold assessment system (Technical Report CEMETR-2010-06)*. Charlotte, North Carolina: Center for Educational Measurement and Evaluation.
- McGee, J. R.,** & Hancock, D., (2010). *2009 – 2010 ArtStart External Evaluation Summative Report*. Charlotte, North Carolina: Department of Educational Leadership at University of North Carolina at Charlotte.
- McGee, J. R.,** & Hancock, D., (2009). *2008 – 2009 ArtStart External Evaluation Summative Report*. Charlotte, North Carolina: Department of Educational Leadership at University of North Carolina at Charlotte.

Scholarly Works In Progress

McGee, J. R., Gross, L., & Harrison, M. (in progress). *Nature and Youth: An Exploration of Undergraduates' Childhood Activities in Nature.*

Harrison, M., **McGee, J. R.,** & Gross, L. (in progress). *Student's Perceptions of and Attitudes Towards Individuals with Disabilities.*

McGee, J. R., Fenwick, J., Norris, C., Tashakkori, R. (in progress). *The Effectiveness of an AP Computer Science Teacher Training Program in Rural Appalachia.*

McGee, J. R., Huelsman, T., & McClannon, T. (submitted 2021). *Teacher Job Satisfaction During COVID-19: Burnout, Support, and Altered Pedagogy.*

National Conference Presentations

Gross, L., **McGee, J. R.** & Harrison, M. (2022). *Nature and Youth: An Exploration of Undergraduates' Childhood Activities in Nature.* Paper presentation at the 2022 Association for Science Teacher Education Annual Conference, Greenville, SC.

McGee, J.R., Bergman, S., & Reubens, A. (2020). *Providing Equitable Opportunities for Rural Middle School Students: Examining Grade 8 Math Placement.* Paper presentation at the 2020 American Educational Research Association (AERA) Annual Meeting, San Francisco, CA (conference cancelled due to travel restrictions from the coronavirus pandemic).

McGee, J. R. (2019). *Using Analytic and Evidence-Based Practices to Improve the Delivery of GEAR UP Services.* Roundtable presentation at the 2019 American Evaluation Association (AEA) Conference, Minneapolis, MN.

Wuerfel, L., Scholten, K, Huelsman, T., **McGee, J. R.,** McClanon, T., Bergman, S. (2019). *Smells Like School Spirit: The Organizational Factors Affecting Targeted Student and Teacher Outcomes.* Poster presentation at the 2019 River Cities Industrial and Organizational Psychology Conference, Chattanooga, T.N.

McGee, J.R. (2019). *Examining Patterns in Teacher Efficacy, Engagement, and Growth Mindset.* Paper presentation at the 2019 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, High Point, N.C.

Colby, S. A. & **McGee, J. R.** (2018). *Teacher Candidates' Skill in Analyzing and Representing Student Learning and Implications for edTPA.* Paper presentation at the 2018 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Williamsburg, V.A.

- McGee, J. R. & Hodge, C. (2018).** *From Play to Pedagogy: Formative Childhood Experiences and the Development of Preservice Elementary Science Educators.* Paper presentation at the 2018 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Williamsburg, V.A.
- McGee, J. R. & Block, C. (2017)** *Mastery Learning in Higher Education: Possibilities and Opportunities for Impact on Learning.* Paper presentation at the 2017 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Virginia Beach, V.A.
- McGee, J. R., Colby, S. A., Lambert, M., & Coats, R. (2017)** *Assessment of Teacher Candidate Dispositions in a Large Educator Preparation Program.* Paper presentation at the 2017 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Virginia Beach, V.A.
- Colby, S. A., & **McGee, J. R. (2017).** *Challenges Related to Statistical Literacy and Representational Fluency in Teacher Candidates' Assessment of Student Learning.* Paper presentation at the 2017 American Association of Colleges for Teacher Education Conference, Tampa, F.L.
- McGee, J. R., Colby, S. A., (2016).** Preservice Teachers' Use of Graphic Representations in the Analysis of Classroom Assessment Data. Paper presentation at the 2016 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Louisville, K.Y.
- Wilson-Kearse, J., Bergman, S., & **McGee, J. R. (2016).** *Improving the delivery of GEAR UP services with partnerships, analytics, and evidence-based practices.* Presentation at the 2016 National Council for Community and Education Partnerships Conference, Washington, D.C.
- Colby, S. A., Lambert, M., **McGee, J. R. (2016).** *Using Collaborative Analysis of Student Learning for Program Improvement and Evaluation.* Paper presentation at the 2016 American Association of Colleges for Teacher Education Conference, Las Vegas, N. V.
- McGee, J. R., Block, C. (2015).** Item Difficulty of Teacher-made Assessments. Paper presentation at the 2015 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Charleston, S.C.
- Colby, S. A., Lambert, M., & **McGee, J. R. (2015).** *Using Collaborative Analysis of Student Learning for Program Improvement and Evaluation.* Paper presentation at the 2015 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Charleston, S.C.

- McGee, J. R., & Colby, S. (2015).** *Impact of an Assessment Course on Teacher Candidates' Assessment Literacy.* Paper presentation at the 2015 American Educational Research Association Annual Meeting, Chicago, I.L.
- Werts, A. B. & **McGee, J. R. (2014).** *Data Use, Assessment Literacy, Accountability, and Mathematical Self-efficacy.* Paper presentation at the 2014 UCEA Convention, Washington, D.C.
- Werts, A. B. & **McGee, J. R. (2014).** *Educator Perceptions of Data Use in a Rural District.* Paper presentation at the 2014 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Williamsburg, V.A.
- McGee, J. R. & Colby, S. A. (2014).** *Teacher Candidates' Use of Data in Analyzing Student Learning.* Paper presentation at the 2014 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Williamsburg, V.A.
- McGee, J. R., Polly, D., Wang, C. (2014).** *Summative Evaluation of a Three Year Mathematics Professional Development Program.* Poster presentation at the 2014 American Evaluation Association conference, Denver, C.O. (Conference not attended due to institutional travel funding limitations).
- McGee, J. R., Colby, S. A., Smith, T. W. (2013).** *Assessment Literacy of Pre-service Teachers.* Paper presentation at the 2013 Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE) Conference, Atlanta, G.A.
- McGee, J. R., Wang, C., Polly, D., Lambert, R. (2013).** *Measuring Elementary Teachers' Mathematics Self-efficacy.* Paper presentation at the 2013 American Educational Research Association Annual Meeting, San Francisco, C.A.
- Wang, C., Polly, D., Pugalee, D., Lambert, R., **McGee, J. R., Zuo, H., Martin, C. (2013).** *Impact of a Professional Development Program on Kindergarten Teachers' Beliefs and Practices on Students' Mathematics Skills.* Paper presentation at the 2013 American Educational Research Association Annual Meeting, San Francisco, C.A.
- Meyer, C. K., Trathen, W. R., **McGee, J. R., Stewart, T. T., Vines, N. A., & Gill, J. T. (2013).** *Reading Profiles of Struggling Readers.* Paper presentation at the 2013 Literacy Research Association, Dallas, T.X.
- Colby, S. A. & **McGee, J. R. (2013).** *Formative Assessment of Candidate Dispositions.* Paper presentation at the 2012 Association for Teacher Educators conference, Atlanta, G.A.
- Howard, B. B., Gummerson, W. M., Guramathunhu-Mudiwa, P., Olson, G. H., Angel, R. B., **McGee, J. R. (2013).** *Building Professional Praxis Through an Electronic Portfolio Assessment.* Paper presentation at the Conference on Higher Education Pedagogy, Blacksburg, V.A.

- Colby, S. A. & **McGee**, J. R. (2012). *Formative Assessment of Dispositions using TK20*. Presentation at the 2012 TK20 User Conference, Austin, T.X.
- Wiley, D. A. & **McGee**, J. R. (2012). *Tracking Diversity in Field Experiences*. Presentation at the 2012 TK20 User Conference, Austin, T.X.
- Wang, C., Lambert, R., Polly, D., & **McGee**, J. R. (2011). *Implementation of a Standards-Based Mathematics Curriculum in Elementary Classrooms: A Program Evaluation Perspective*. Paper presentation at the 2011 American Educational Research Association Annual Meeting, New Orleans, L. A.
- Polly, D., **McGee**, J. R., Wang, C. (2011). *Evaluation of a Mathematics Professional Development Program Focused on Supporting Standards-Based Curriculum Implementation*. Paper presentation at the 2011 American Educational Research Association Annual Meeting, New Orleans, L. A.
- Hancock, D. & **McGee**, J. R. (2010). *Arts-Integration to enhance outcomes related to student learning*. Paper presentation at the 2010 American Educational Research Association (AERA) Annual Meeting, Denver, CO.
- Polly, D., **McGee**, J. R., & Wang, C. (2010). *Examining Teachers' Enactments of Standards-Based Mathematics Curricula*. Paper presentation at the 2010 School Science and Math Association Conference, Ft. Myers, FL.
- Lim, J. H., Lee, D. H., & **McGee**, J. R. (2009). *The Voices of Advocates: Black Female Administrators' Reflection on Inequity in School Mathematics*. Paper presentation at The Fifth International Conference of Qualitative Inquiry (QI2009), Urbana-Champaign, IL.
- Richardson**, J. M. & Washburn, S. G. (2006). *Strategies employed by North Carolina agriculture teachers in serving students with mild to moderate learning disabilities*. Paper presentation at the 2006 National Agriculture Education Research Conference (AAAE Convention), Charlotte, NC. (Maiden name is Richardson)

Regional and State Conference Presentations

- McGee**, J. R., Fenwick, J., Norris, C., & Tashakkori, R. (2022). *The Effectiveness of an AP Computer Science Teacher Training Program in Rural Appalachia*. Short paper presentation at the 2022 North Carolina Association for Research in Education Annual Meeting, Virtual.
- McGee**, J. R., Huelsman, T., McClannon, T. W. , Scholten, K., Rankin, A., & Shoaf, G. (2021). *Smells Like School Spirit: The Organizational Factors Affecting Teacher Morale*. Paper

presentation at the 2021 North Carolina Association for Research in Education (NCARE) Annual Meeting, Virtual.

McGee, J. R. & Tashakkori, R. (2020). *GRIT and Sense of Belonging in STEM Scholarship Recipients After Their First Year*. Paper presentation at the 2020 North Carolina Association for Research in Education (NCARE) Annual Meeting, Greensboro, N.C.

McGee, J. R. & Wilson-Kearse, J. (2017). *Mathematics Coursework and ACT Performance*. Presentation at the 2017 ACT Conference, Raleigh, N.C.

McGee, J. R., Bergman, S., Hansen, M., (2017). *Opportunities for Rural Middle School Students: Examining Grade 8 Math 1 Enrollment*. Paper presentation at the 2017 North Carolina Association for Research in Education (NCARE) Annual Meeting, Chapel Hill, N.C.

Hayes, J., Olson, T., Byers, L., **McGee, J. R.**, Cazier, J., Sledge, R., & Sargent Jones, L. (2016). *Analytics for Good: Using Analytics to Improve Yield Management in the Honors College*. Paper presentation at the 2016 North Carolina Association for Research in Education (NCARE) Annual Meeting, Charlotte, N.C.

McGee, J. R. (2015). *One Size Doesn't Fit All! Complexities of Teachers' Schemas Surrounding Data Analysis, Interpretation and Use*. Paper presentation at the 2015 North Carolina Association for Research in Education (NCARE) Annual Meeting, Winston-Salem, N.C.

McGee, J. R. (2014). *The Relationships Between Self-efficacy for Teaching Mathematics and Mathematics Knowledge for Teaching*. Paper presentation at the 2014 North Carolina Association for Research in Education (NCARE) Annual Meeting, Greensboro, N.C.

McGee, J. R. & Werts, A. B. (2014). *Are We Measuring What We Think We Are Measuring? Examining Validity of Two Teacher Candidate Performance Assessment Rubrics*. Paper presentation at the 2014 North Carolina Association for Research in Education (NCARE) Annual Meeting, Greensboro, N.C.

McGee, J. R. (2013). *Measuring Elementary Teachers' Mathematics Self-efficacy*. Paper presentation at the 2013 North Carolina Association for Research in Education Annual Meeting, Wilmington, N.C.

McGee, J. R. (2013). *Assessment Literacy of Pre-service Teachers*. Paper presentation at the 2013 North Carolina Association for Research in Education (NCARE) Annual Meeting, Wilmington, N.C.

McGee, J. R. (2011). *Developing and exploring the reliability and validity of an elementary teachers' mathematics self-efficacy beliefs questionnaire*. Paper presentation at the

2011 North Carolina Association for Research in Education (NCARE) Annual Meeting, Charlotte, N.C.

McGee, J. R., Wang, C., & Polly, D. (2011). *Guiding teachers in the use of a standards-based mathematics curriculum: Teacher perceptions and subsequent instructional practices after an intensive professional development program.* Paper presentation at the 2010 University of North Carolina at Charlotte Graduate Research Fair, Charlotte, NC.

McGee, J. R., Wang, C., & Polly, D. (2011). *Guiding teachers in the use of a standards-based mathematics curriculum: Teacher perceptions and subsequent instructional practices after an intensive professional development program.* Paper presentation at the 2011 North Carolina Association for Research in Education (NCARE) Annual Meeting, Charlotte, N.C.

Hancock, D. & **McGee, J. R. (2011).** *Arts-Integration to Enhance Outcomes Related to Student Learning: An Evaluation of the ArtStart Program.* Paper presentation at the 2011 North Carolina Association for Research in Education (NCARE) Annual Meeting, Charlotte, N.C.

McGee, J. R. & Wang, C. (2010). *Self-regulation and Self-efficacy Beliefs in Learning English: Comparing College Students in China and International Students in an American Community College.* Paper presentation at the 2010 North Carolina Association for Research in Education (NCARE) Annual Meeting, Winston-Salem, NC.

Israel, G. D., **Richardson, J. M.,** Osborne, E. W., Washburn, S. G., Dyer, J. E. (2005). *Coverage and outcomes of the space agriculture in the classroom program.* Paper presentation at the 55th Southern Agricultural Education Research Conference, Little Rock, AR. (Maiden name is Richardson)

Invited Presentations

Colby, S. A. & **McGee, J. R. (2017, November 1).** *Assessment in Higher Education Workshop.* Appalachian State University.

Colby, S. A. & **McGee, J. R. (2017, October 6).** *Classroom Assessment Standards Panel.* CREATE Conference, Virginia Beach, V.A.

McGee, J. R. (2013, September 18). *Instructor Created Videos in ASULearn.* Invited Faculty and Staff Development Webinar, Learning Technology Services at Appalachian State University.

Colby, S. A. & **McGee, J. R. (2013, June 19).** *Assessment at Work: Assessing Candidate Dispositions.* Invited TK20 Webinar. http://tk20.com/events/previous_webinars.php

SERVICE TO PROFESSIONAL ORGANIZATIONS

National Science Foundation

S-STEM Grant Reviewer (2021, 2019)

Editorial Service

Reviewer, Studies in Educational Evaluation (2021 - present)

Reviewer, Journal of Mathematics Teacher Education (2019 - present)

Reviewer, International Journal of Research & Method in Education (2018 - present)

Editorial Advisory Board, Journal of Applied Educational and Policy Research (2015 – present)

Reviewer, Metacognition and Learning Journal (2012 – present)

Reviewer, The Mathematics Educator (2011 – present)

Reviewer, School Science and Mathematics Journal (2010 – present)

American Educational Research Association (AERA)

Discussant, “Instrument Development and Validation” Paper Presentation Session; 2015 AERA Annual Meeting, Chicago, IL.

Chair, “Teachers’ Perceptions and Practices of Classroom Assessment” Paper Presentation Session; 2015 AERA Annual Meeting, Chicago, IL.

Reviewer, 2012 AERA Division C Outstanding Poster Award

Chair, New Directions Session; 2012 AERA Annual Meeting, Vancouver, B.C. (2011 – 2012)

Reviewer, AERA Annual Conference Proposals
Division C (2011)

Survey Research in Education SIG (2012, 2021)

Senior Co-Chair, Division C Graduate Student Committee (2011 - 2012)

Junior Co-Chair, Division C Graduate Student Committee (2010 - 2011)

North Carolina Department of Public Instruction

“High School’s That Work” Assistance Team Member for St. Paul’s High School, St. Paul’s, NC (2007)

North Carolina Department of Agriculture & Consumer Services

Marketing Division Summer Intern (2001)

Agricultural Education in North Carolina

Discussion Leader, Roundtable Discussion about Serving Student with Special Needs; 2005 North Carolina Career and Technical Education Conference

National FFA Organization

Coordinator, National FFA Convention Education Division Interns (2004)

Intern, National FFA Convention Education Division (2002 – 2003)

CURRENT PROFESSIONAL MEMBERSHIPS

Association of Science Teacher Educators (since 2021)

Research Triangle Park (RTP) Evaluators (since 2018)

American Evaluation Association (AEA) (since 2011)

North Carolina Association for Research in Education (NCARE) (since 2010)

American Educational Research Association (AERA) (since 2008)

Member, Professors of Educational Research Special Interest Group

Member, Survey Research in Education Special Interest Group