

Deborah H. McMurtrie, Ph.D.

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Academic Degrees

Ph.D. Foundations of Education, August 2015, University of South Carolina, Columbia, SC

Dissertation: *Exploring racial literacy in middle level teacher preparation*

M.Ed. Elementary Education, August 1996, University of South Carolina, Columbia, SC

B.A. Elementary Education, December 1981, *Magna Cum Laude*, University of South Carolina
Aiken, Aiken, SC

South Carolina Teacher Certification

Areas of certification (certificate #131230 expires June 30, 2028)

- Middle Level Science, Social Studies, and Language Arts
- Elementary
- Early Childhood (HQ)
- Special Education- Emotional Disabilities (HQ)

Research Interests

Adolescent development; middle level teacher preparation; interdisciplinary curriculum development; culturally responsive pedagogy; educational psychology

Professional Experience

University of South Carolina Aiken, 2004 to present

- Associate Professor, School of Education, University of South Carolina Aiken, August 2020 to present (tenured)
- Assistant Professor, School of Education, University of South Carolina Aiken, August 2015 to August 2020 (tenure track)
- Coordinator, Middle Level Education program, 2017 to present
- Courses taught:
 - EDPY A235 Introduction to Educational Psychology (Writing Intensive)
 - EDPY A330 Lifespan Development
 - EDPY A334 Adolescent Growth and Development (Writing Intensive)
 - EDPY A705 Theories of Human Growth and Development
 - EDSE A312 Teaching Diverse Populations in Middle and High School (Writing Intensive)
 - EDSE A446 Classroom Management and Assessment in Middle and High School
 - EDTE A610 Content Area Reading and Writing for Early Childhood and Elementary Teachers with Read to Succeed endorsement R2S# (16-4054)
 - EDUC A201 Educator Success

- EDUC A300 Mathematics for Instructional Purposes for Early Childhood and Elementary Teachers
 - EDUC A635 Young Adolescent Development
 - EDUC A662 Curriculum, Instruction, and Assessment
 - UNIV A101 University Experience
- Director and Principal Investigator, Aiken Writing Project, 2016 to present. With funding from the National Writing Project and other partnerships, I have facilitated annual invitational teacher leadership institutes, worked with teams of educators to develop Traveling Interdisciplinary Literacy Trunks (TILTs), and provided support to present the TILTs at statewide conferences.
 - Program Director, Center of Excellence in Middle-level Interdisciplinary Strategies for Teaching (CE-MIST) at the University of South Carolina Aiken, August 2008 to present. In this role, I have worked closely with partner schools to plan and deliver programs for middle school students, workshops for teachers, and service-learning placements for pre-service teachers.
 - Part-time Faculty, School of Education, University of South Carolina Aiken, August 2006 to May 2015. As an adjunct instructor, I taught EDPY A330, EDPY A334, and EDUC A635.
 - Director of Student Programs, Ruth Patrick Science Education Center at the University of South Carolina Aiken, August 2005 to August 2015. In this role, I developed, taught, scheduled, and coordinated hands-on, inquiry-based science and mathematics programs for K-12 students. I also planned and delivered workshops for teachers and co-taught graduate courses offered to teachers in the summer.
 - Student Programs Specialist, Ruth Patrick Science Education Center at the University of South Carolina Aiken, August 2004-August 2005. In this part time position, I taught hands-on, inquiry-based science and mathematics programs for K-12 students. I was subsequently hired as the full-time director.

Aiken Preparatory School, August 1991 to June 2003

- Lower School Science Coordinator, Aiken Preparatory School, Aiken, South Carolina, 1999-2003. In this role, I planned and coordinated science laboratory and field trip activities for the elementary grades.
- Grade 2 Classroom Teacher, Aiken Preparatory School, Aiken, South Carolina, 1996-2003. This was a full-time teaching position in a self-contained second grade classroom.
- Director of Development, Aiken Preparatory School, Aiken, South Carolina, 1991-1995. In this role, I coordinated the school's strategic planning, grant writing, publications, fundraising, and alumni relations.

Aiken County Public Schools, Aiken, South Carolina

- Grade 4 Classroom Teacher, Aiken Elementary School, Aiken County Public Schools, Aiken, South Carolina, 1990-1991. This was a full-time teaching position in a self-contained fourth grade classroom.
- Chapter One Teacher, Aiken Elementary School, Aiken County Public Schools, Aiken, South Carolina, 1986-1987. I taught remedial mathematics and language arts (grades 3-5) in a resource setting.

Lexington District One Public Schools, Lexington, South Carolina

- EH/LD Resource Teacher, Oak Grove Elementary School, Lexington School District One, Lexington, South Carolina, 1982-1983. I taught students with emotional disabilities and learning disabilities (grades K-6) in a resource setting.

Publications

Basile, E., McMurtrie, D., & Coleman, B. (2022). Connecting weirdness and wonder to middle level mathematics. *South Carolina Association of Middle Level Education (SCAMLE) Journal*, 128-131. <https://scholarcommons.sc.edu/scamle/vol1/iss1/15/>

Rasheed, M. & McMurtrie, D. (2022). Advocating for adolescent literature. *South Carolina Association of Middle Level Education (SCAMLE) Journal*, 167-171. <https://scholarcommons.sc.edu/scamle/vol1/iss1/16/>

Vawter, D. & McMurtrie, D. (2022). Meeting the academic, social, and emotional needs of our middle level students in the online environment. *Middle School Journal*, 53(1), 26-35. <https://doi.org/10.1080/00940771.2021.1997532>

Maness, B. D. & McMurtrie, D. H. (2022). Storytelling as best practice using 3-act math tasks. *The MathMate*, 43(1), 18-26.

Coleman, B., McMurtrie, D., & Collazo, J. (2022). Middle level teacher preparation at the University of South Carolina Aiken. In D. Virtue, K. Main, K., & C. Ellerbrock (Eds.), *Middle level teacher preparation across international contexts: Understanding local and global factors influencing teacher education* (pp. 223-240). Routledge. doi: 10.4324/9781003213789-19. <https://www.routledge.com/Middle-Level-Teacher-Preparation-across-International-Contexts-Understanding/Ellerbrock-Main-Virtue/p/book/9781032080406>

Dore, E. & McMurtrie, D. (2021). *Our diverse middle school students: A guide to equitable and responsive teaching*. New York, NY: Routledge Taylor & Francis Group and the Association for Middle Level Education (AMLE). ISBN 978-0-367-50796-1.

Lintner, T., Coleman, B., Rinder, J., & McMurtrie, D. (2021). The identification, selection and evaluation of mentor teachers within a Professional Development School setting. In P. E. Bernhardt, T. Conway, & G. Richardson (Eds.), *Collaborative models for clinical practice: Reflections from the field*. (pp. 85-96). Lanham, MD: Rowan and Littlefield.

- Ruppert, N., McMurtrie, D., Coleman, B., Senn, G., & Ellyson, S. (2020). Collaborating with the European League for Middle Level Education. *Current Issues in Middle Level Education*, 25(1), Article 4. DOI: 10.20429/cimle.2020.250104
- McMurtrie, D. & Coleman, B. (2020). Kinesthetic mathematics in middle grades. *Association for Middle Level Education Magazine*, April 2020, 31-34.
<https://www.amle.org/TabId/270/ArtMID/888/ArticleID/1144/Kinesthetic-Mathematics-in-the-Middle-Grades.aspx>
- McMurtrie, D., Senn, G., & Coleman, B. (2019). Kinesthetic learning in middle grades science. *Bridge in the Middle*, European League for Middle Level Education, 18-22.
<https://www.flipsnack.com/ELMLE/bridge-in-the-middle-november-2019.html>
- McMurtrie, D. (2019). Partners in the middle: Building and sustaining a PDS partnership with a middle school. *Teacher Education Journal of South Carolina*, 64-74.
<https://sites.google.com/converse.edu/scate/journal/current-tejsc>
- Zorn, T. & McMurtrie, D. (2019). Color deficiency in the classroom. *South Carolina Middle School Association Journal*, 21-25. <https://www.scamle.org/Publications>
- Spragg, K. & McMurtrie, D. (2019). Traveling Interdisciplinary Literacy Trunk (TILT) integration within SC history. *South Carolina Middle School Association Journal*, 4-11.
<https://www.scamle.org/Publications>
- Senn, G., McMurtrie, D. & Coleman, B. (2018). Collaboration in the middle: Teachers in interdisciplinary planning. *Current Issues in Middle Level Education*, 24(1), 23-27.
<https://digitalcommons.georgiasouthern.edu/cimle/vol24/iss1/6/>
- McMurtrie, D. & Coleman, B. (2018, March). CAEP MLE SPA Accreditation Report. Peer reviewed (accepted with national recognition).
- Coleman, B., McMurtrie, D. & Senn, G. (2017). Adding relevancy to mathematics while exploring presidential data. *South Carolina Middle School Association Journal*, Spring 2017, 25-31.
- Coleman, B. & McMurtrie, D. (2017, January). Investigating presidential data to connect math and social studies. Proceedings from the 2017 Hawaii University International Conferences on Arts, Humanities, Social Sciences and Education. ISSN 2333-4916 CD ROM | ISSN Proceedings AHSE 2016 2333-4908 ONLINE.
- Coleman, B. & McMurtrie, D. (2016, March). CAEP MLE SPA Accreditation Report. Peer reviewed (accepted with national recognition).
- McMurtrie, D. H., Coleman, B. K., Ruppert, N., & Senn, G. J. (2014). The impact of service learning on middle level pre-service teachers. *Current Issues in Middle Level Education*, 19(1), 36-42.

McMurtrie, D. H. & Senn, G. J. (2013). Building synergy: A successful university-middle school partnership. *South Carolina Middle School Association Journal*, 1-10.
<http://www.scmsa.org/files/Journal/2012-2013/McMurtrieSenn-BuildingSynergy.pdf>

Senn, G. J., McMurtrie, D. H., & Coleman, B. K. (2013). RAFTing with raptors: Connecting science, English language arts, and the Common Core State Standards. *Middle School Journal*, 44(3), 52-55.

Senn, G. J., Coleman, B. K. & McMurtrie, D. H. (2010). Using an interdisciplinary trunk to facilitate interdisciplinary planning among teachers. *South Carolina Middle School Association Journal*, Spring 2010, 71-80. <http://www.scmsa.org/files/Journal/2010-2011/SennColemanMcMurtrie-UsinganInterdisciplinaryTrunk.pdf>

Professional Presentations

McMurtrie, D., Coleman, B., Senn, G., & Vawter, D. (2024, March). Designing weird questions to engage adolescent learners. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)

Senn, G., McMurtrie, D., Coleman, C., & Vawter, D. (2024, March). Teacher candidate recruitment and retention: A pilot study. Session presented at the annual meeting of the South Carolina Professors of Middle Level Education (SCPOMLE), Myrtle Beach, SC. (State, peer-reviewed)

McMurtrie, D., Coleman, B., Vawter, D. & Senn, G. (2023, November). Designing weird questions to engage adolescent learners. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), National Harbor, MD (International, peer-reviewed) <https://sites.google.com/view/weirdquestions/>

Gilliam, I. & McMurtrie, D. (2023, November). An interdisciplinary ELA unit on the Renaissance for middle school. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), National Harbor, MD (International, peer-reviewed)

McMurtrie, D., Coleman, B., Senn, G., & Vawter, D. (2023, November). Boosting confidence and competence: Praxis Core. Session presented at the annual meeting of the National Professors of Middle Level Education (NAPOMLE), National Harbor, MD (National, peer-reviewed)

McMurtrie, D. & Beck, J. (2023, October). Rebuilding math competence and confidence: A pilot study. Session presented at the annual meeting of the South Carolina Association of Teacher Educators (SCATE), Anderson, SC. (State, peer-reviewed)

Vawter, D. & McMurtrie, D. (2023, March). SEL Strategies for online learning: Lessons learned during the pandemic. Session presented at the annual meeting of the South Carolina

Professors of Middle Level Education (SCPOMLE) Best Practices Session, Myrtle Beach, SC. (State, peer-reviewed)

- McMurtrie, D., Hall, T., Senn, G., & Coleman, B. (2023, March). Guiding teachers in interdisciplinary planning. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- McMurtrie, D., Coleman, B., Vawter, D. & Senn, G. (2023, March). Designing weird questions to engage adolescent learners. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2023, March). Outdoor adventures on school grounds and beyond using GPS-enabled devices and geocaching. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- Coleman, B., McMurtrie, D., Ruppert, N. & Basile, E. (2023, January). Connecting productive struggle to weirdness and wonder in mathematics. Session presented at the annual meeting of the European League of Middle Level Education (ELMLE), Porto, Portugal (International, peer-reviewed).
- McMurtrie, D. (2022, November). Our diverse middle school students: A guide to equitable and responsive teaching. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL (International, peer-reviewed)
- Virtue, D., Ellerbrock, C., Ross, D., Mizelle, N., Previts, J., Rheau, J., Coleman, B., & McMurtrie, D. (2022, November). A panel discussion about middle level teacher preparation across international contexts. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL (International, peer-reviewed)
- Coleman, B., Ruppert, N., & McMurtrie, D. (2022, November). Supporting productive struggle in math by asking weird and wonderful questions. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL (International, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2022, November). Outdoor adventures on school grounds and beyond using GPS-enabled devices and geocaching. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL (International, peer-reviewed)
- Senn, G., Coleman, B., McMurtrie, D., & Vawter, D. (2022, November). Using Nearpod to engage middle level learners. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL (International, peer-reviewed)

- Vawter, D., McMurtrie, D., Coleman, B., & Senn, G. (2022, November). Should I stay or should I go? Retaining teachers. Session presented at the annual meeting of the National Professors of Middle Level Education (NAPOMLE), Orlando, FL (National, peer-reviewed)
- Coleman, B., McMurtrie, D., Basile, E., & Walsh, J. (2022, March). Cross-curricular connections in the math classroom. Session presented at the annual meeting of South Carolina Association for Middle School Education conference (Myrtle Beach, SC)
- McMurtrie, D. (2022, March). Our diverse middle school students: A guide to equitable and responsive teaching. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- McMurtrie, D. (2022, March). Writing for publication in the SCAMLE Journal. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- Vawter, D. & McMurtrie, D. (2022, March). Meeting the academic, social, and emotional needs of our middle level students in the online environment. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- McMurtrie, D. (2022, February). Our diverse middle school students: A guide to equitable and responsive teaching. Session presented at the University of South Carolina Upstate's 28th Annual Diversity in Education Summit (virtual, peer-reviewed).
- Coleman, B., McMurtrie, D., Ruppert, N. & Basile, E. (2022, January). Connecting weirdness and wonder to mathematics. Session presented at the annual meeting of the European League of Middle Level Education (ELMLE), Virtual (International, peer-reviewed).
- McMurtrie, D. (2021, November). Our diverse middle school students: A guide to equitable and responsive teaching. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Virtual (International, peer-reviewed)
- Vawter, D., McMurtrie, D., Coleman, B., & Senn, G. (2021, November). Minds in motion: Kinesthetic learning in the content areas. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Virtual (International, peer-reviewed)
- Coleman, B., Lunsmann, C., & McMurtrie, D. (2021, November). Teacher candidate preparation for implementing educational technology. Session presented at the annual meeting of the National Professors of Middle Level Education, Virtual (National, peer-reviewed)

- Senn, G., Coleman, B., McMurtrie, D., & Vawter, D. (2021, November). Geocaching as a hands-on, integrated activity. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Virtual (International, peer-reviewed)
- Senn, G., Coleman, B., McMurtrie, D., & Vawter, D. (2021, November). Using Nearpod to engage middle level learners. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Virtual (International, peer-reviewed)
- Lintner, T., McMurtrie, D., Coleman, B., & Rinder, J. (2021, March). The identification, selection and evaluation of mentor teachers within a Professional Development School setting. Session presented at the annual meeting of the National Association for Professional Development Schools (NAPDS), Virtual. (National, peer-reviewed)
- McMurtrie, D., Vawter, D., Coleman, B., & Senn, G. (2021, March). Kinesthetic learning in the content areas. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Virtual. (State, peer-reviewed)
- McMurtrie, D., Vawter, D., Coleman, B., & Senn, G. (2020, October). Minds in motion: Kinesthetic learning in the content areas. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Virtual. (International, peer-reviewed)
- McMurtrie, D., Vawter, D., Coleman, B., & Senn, G. (2020, October). Navigating on-line learning in middle level teacher preparation programs. Session presented at the annual meeting of the National Professors of Middle Level Education, Virtual. (National, peer-reviewed)
- McMurtrie, D., Vawter, D., Coleman, B., & Senn, G. (2020, March). Minds in motion: Kinesthetic learning in the content areas. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC.
- McMurtrie, D., Senn, G., & Coleman, B. (2020, January). Active engagement through kinesthetic learning. Session presented at the annual meeting of the European League for Middle Level Education, Budapest, Hungary. (International, peer-reviewed)
- Coleman, B., McMurtrie, D., & Senn, G. (2020, January). What if we applied growth mindset research to teaching and learning middle grades mathematics? Session presented at the annual meeting of the European League for Middle Level Education, Budapest, Hungary. (International, peer-reviewed)
- McMurtrie, D., Vawter, D., Coleman, B., & Senn, G. (2019, November). Kinesthetic learning strategies for math and science. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Nashville, TN. (International, peer-reviewed)

- Dore, E. & McMurtrie, D. (2019, November). Diversity & young adolescents: Creating a culture that makes a difference. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Nashville, TN. (International, peer-reviewed)
- Coleman, B., Ruppert, N., McMurtrie, D., & Senn, G. (2019, November). Collaborating with the European League for Middle Level Education. Session presented at the annual meeting of the National Association of Professors of Middle Level Education (NAPOMLE), Nashville, TN. (International, peer-reviewed)
- Collazo, J., Martin, M., Fears, P., & McMurtrie, D. (2019, October). Building relationships with K-12 schools to enhance research, growth, & development. Session presented at the annual meeting of the South Carolina Association of Teacher Educators (SCATE), Gaffney, SC. (State, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2019, March). Kinesthetic strategies for math and science. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC (State, peer-reviewed)
- McMurtrie, D. & Hutchens, J. (2018, November). Engaging young scientists through fairy tales. Session presented at the annual meeting of the National Science Teachers Association (NSTA) Conferences on Science Education, Charlotte, NC (Regional, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2018, October). Let's move: Kinesthetic math and science. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL. (International, peer-reviewed)
- Coleman, B., Ruppert, N., Senn, G., Medford, L., & McMurtrie, D. (2018, October). Collaborative partnerships in NAPOMLE. Session presented at the annual meeting of the National Professors of Middle Level Education, Orlando, FL. (National, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2018, October). Geocaching as a hands-on, integrated activity. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Orlando, FL. (International, peer-reviewed)
- McMurtrie, D. & Dore, E. (2018, May). Diversity and young adolescents. Session presented at the Southeastern Professors of Middle Level Education Symposium, Greenville, SC. (Regional, peer-reviewed)
- Senn, G., McMurtrie, D., & Coleman, B. (2018, May). Collaboration in the middle: Teachers in interdisciplinary planning. Session presented at the Southeastern Professors of Middle Level Education Symposium, Greenville, SC. (Regional, peer-reviewed)
- McMurtrie, D. (2018, March). Equity vs. equality: Is it the same or is it fair? Session presented at the South Carolina Middle Grades Workshop, Center for Educational Partnerships, Columbia, SC. (State, peer-reviewed)

- McMurtrie, D., Coleman, B., & Senn, G. (2018, March). Let's move: A strength-based approach for kinesthetic learners. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)
- McMurtrie, D. (2018, February). East Aiken School of the Arts: Integrating the arts in an Aiken Writing Project TILT. Session presented at the annual meeting of the South Carolina International Reading Association (SCIRA), Hilton Head, SC. (State, peer-reviewed)
- McMurtrie, D., & Coleman, B. (2018, January). Active engagement through kinesthetic learning. Session presented at the annual meeting of the European League for Middle Level Education, Amsterdam, Netherlands. (International, peer-reviewed)
- McMurtrie, D. (2017, November). Cultivating racial literacy in teacher preparation programs: Equity and access. Session presented at the annual meeting of the National Writing Project, St. Louis, MO. (National, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2017, November). Grouping and engaging young adolescents. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Philadelphia, PA. (International, peer-reviewed)
- Coleman, B., Ruppert, N., Senn, G., Medford, L., & McMurtrie, D. (2017, November). Collaboration for a symposium of the professors of middle level education. Session presented at the annual meeting of the National Professors of Middle Level Education, Philadelphia, PA. (National, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2017, November). Geocaching as an interdisciplinary strategy. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Philadelphia, PA. (International, peer-reviewed)
- Senn, G., McMurtrie, D., & Coleman, B. (2017, March). Great American Solar Eclipse 2017 – Middle school approach. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)
- Creswell, B., Nuessle, S. & McMurtrie, D. (2017, February). Exploring light and shadows: An Aiken Writing Project TILT. Session presented at the annual meeting of the South Carolina International Reading Association (SCIRA), Hilton Head, SC. (State, peer-reviewed)
- Simmons, P., McKinnon, S., & McMurtrie, D. (2017, February). Trunk of tales: Paul Bunyan and friends: An Aiken Writing Project TILT. Session presented at the annual meeting of the South Carolina International Reading Association (SCIRA), Hilton Head, SC. (State, peer-reviewed)

- Coleman, B. & McMurtrie, D. (2017, January). Investigating presidential data to connect math and social studies. Session presented at the annual meeting of the Hawaii University International Conferences on Arts, Humanities, Social Sciences and Education, Honolulu, HI. (International, peer-reviewed)
- McMurtrie, D. (2016, November). Critical blindspots and advocacy in teacher preparation. Session presented at the annual meeting of the National Council of Teachers of English (NCTE), Atlanta, GA. (National, peer-reviewed)
- McMurtrie, D. (2016, November). Integrating science through fairy tales. Session presented at the annual meeting of the South Carolina Science Council, Columbia, SC. (State, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2016, October). Tiering a professional development school (PDS) partnership. Session presented at the annual meeting of the National Professors of Middle Level Education (NAPoMLE), Austin, TX. (National, peer-reviewed)
- Coleman, B., McMurtrie, D., & Senn, G. (2016, October). Investigating presidential data to connect math and social studies. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Austin, TX. (International, peer-reviewed)
- McMurtrie, D. & Senn, G. (2016, March). Graphing density: Connecting math and science. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)
- Rhodes, L., McMurtrie, D., & Conkelton, A. (2016, March 12). Fostering success after high school: A TILT approach. Four sessions presented at the Share Fair Nation, South Carolina event, Irmo, SC. (State, peer-reviewed)
- McMurtrie, D., Rhodes, L., & Stauffer, A. (2016, February). Literacy construction underway with fractured fairy tales: A first grade TILT. Session presented at the annual meeting of the South Carolina International Reading Association (SCIRA), Hilton Head, SC. (State, peer-reviewed)
- McMurtrie, D., Rhodes, L., & Conkelton, A. (2016, February). Constructing plans for student success: A high school TILT. Session presented at the annual meeting of the South Carolina International Reading Association (SCIRA), Hilton Head, SC. (State, peer-reviewed)
- McMurtrie, D., Rhodes, L. & Conkelton, A. (2016, January). Success after high school. Session presented at the annual meeting of the South Carolina Council of Teachers of English (SCCTE), Kiawah Island, SC. (State, peer-reviewed)

- McMurtrie, D., Coleman, B., & Senn, G. (2015, October). Are you dense? A model STEM lesson. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Columbus, OH. (International, peer-reviewed)
- Coleman, B., Senn, G., & McMurtrie, D. (2015, October). National Professors of Middle Level Education (NAPoMLE): Best practices in middle level teacher preparation. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Columbus, OH. (International, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2015, October). Geocaching as a hands-on, integrated activity. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Columbus, OH. (International, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2015, March). Lunar design challenge: A model STEM lesson. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)
- Senn, G., Coleman, B. & McMurtrie, D. (2015, March). Using interdisciplinary units to encourage grade level team planning. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)
- McMurtrie, D. (2014, October). Exploring racial literacy in middle level teacher preparation: A pilot study. Session presented at the annual conference of the International Association for Intercultural Education (IAIE), Toronto, Canada. (International, peer-reviewed)
- Shepard, C., McMurtrie, D., & Benjamin, S. (2014, September). Culturally responsive practice using critical race methodologies across three fields. Session presented at the annual conference of the Center for Culturally Responsive Evaluation and Assessment (CREA), Chicago, IL. (International, peer-reviewed)
- McMurtrie, D., Benjamin, S., & Shepherd, C. (2014, March). Using a critical race theory lens in education, social work, and tourism. Session presented at the University of South Carolina College of Education's Third Annual Diversity Forum, Columbia, SC. (State, peer-reviewed)
- McMurtrie, D., Coleman, B., & Senn, G. (2013, November). Rhapsody with raptors: Connecting science to Common Core ELA Standards. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Minneapolis, MN. (International, peer-reviewed)
- Senn, G., Coleman, B. & McMurtrie, D. (2013, November). Traveling Interdisciplinary Literacy Trunks (TILTs): Best practice and research from the National Professors of Middle Level Education. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Minneapolis, MN. (National, peer-reviewed)

- Black, D., Davis, T., Senn, G. & McMurtrie, D. (2013, March). The Triangle Shirtwaist Factory fire & the Industrial Revolution: A CE-MIST TILT. Session presented at the annual meeting of the South Carolina Middle School Association (SCMSA), Myrtle Beach, SC. (State, peer-reviewed)
- McMurtrie, D., Senn, G., & Coleman, B. (2012, November). RAFTing with raptors: Using informational text to connect science and Common Core ELA standards. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Portland, OR. (International, peer-reviewed)
- Coleman, B., McMurtrie, D., Ruppert, N., & Senn, G. (2012, November). Early field experiences for pre-service teachers. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Portland, OR. (International, peer-reviewed)
- Cannon, K., Watts, S., Black, D. & McMurtrie, D. (2012, March). Shake, rattle, & roll: A CE-MIST interdisciplinary unit exploring the Great Charleston Earthquake of 1886. Session presented at the annual meeting of the South Carolina Middle School Association (SCMSA), Myrtle Beach, SC. (State, peer-reviewed)
- McMurtrie, D. & Coleman, B. (2011, November). Early field experiences for pre-service teachers. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Louisville, KY. (International, peer-reviewed)
- Coleman, B. & McMurtrie, D. (2011, November). Engaging young mathematicians with digital tools to increase conceptual understanding. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), Louisville, KY. (International, peer-reviewed)
- Coleman, B., Senn, G., & McMurtrie, D. (2011, May). Guiding middle level teachers in interdisciplinary planning. Symposium conducted at the meeting of Southeastern Regional Professors of Middle Level Education, Milledgeville, GA. (Regional, peer-reviewed)
- Rhodes, L., McMurtrie, D. & Coleman, B. (2011, January). Integrating writing across the curriculum. Paper presented at the annual meeting of South Carolina Council of Teachers of English (SCCTE), Kiawah Island, SC. (State, peer-reviewed)
- Senn, G., Coleman, B., & McMurtrie, D. (2010, May). Using an interdisciplinary “trunk” to facilitate interdisciplinary planning among teachers. Symposium conducted at the meeting of Southeastern Regional Professors of Middle Level Education, Boone, NC. (Regional, peer-reviewed)

Invited Talks and Lectures

- Beck, J. & McMurtrie, D. (2023, November). Best practices for adult learning. Session presented for Site Training Professional Development Day, Savannah River Nuclear Solutions (SRNS), Aiken, SC.

- McMurtrie, D., Coleman, B., & Senn, G. (2023, February). Traveling Interdisciplinary Literacy Trunks (TILTs) and grade level planning. Workshop presented for Leavelle McCampbell Middle School faculty, Spring 2023, Aiken, SC.
- McMurtrie, D. (2023, February). Building community and active engagement. Session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop for faculty, Spring 2023, Aiken, SC.
- McMurtrie, D. & Swain, L. (2022, November). Engaging students in the campus and virtual classroom. Session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop for new faculty, Fall 2022, Aiken, SC.
- McMurtrie, D. & Coleman, B. (2022, September). Weird questions to increase student engagement in the college classroom. Session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop for faculty, Fall 2022, Aiken, SC.
- McMurtrie, D. (2022, April). Leavelle McCampbell Middle School's School Improvement Council: A Riley Award for SIC Excellence Finalist. Presented to the South Carolina School Improvement Council Board and other SIC finalists.
- McMurtrie, D. & Lunsmann, C. (2022, April). Critical literacy for culturally sustaining pedagogy. Session presented for the USC Aiken School of Education faculty, Spring 2022, Aiken, SC.
- McMurtrie, D., Stark, N., & Swain, L. (2022, November). Engaging students in the campus and virtual classroom. Session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop for new faculty, Fall 2022, Aiken, SC.
- McMurtrie, D. (2022, September). I stole a little cotton and I won a big award. Session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop for faculty, Fall 2022, Aiken, SC.
- Lunsmann, C. & McMurtrie, D. (2021, March). What is culturally sustaining pedagogy? Session presented to interns at the University of South Carolina Aiken School of Education's Day of Diversity, Spring 2021, Aiken, SC.
- McMurtrie, D. (2021, February). Increasing student engagement: Social-emotional learning in the online classroom. Ten-Talk session presented for a University of South Carolina Aiken Center for Teaching Excellence (CTE) virtual workshop for faculty, Spring 2021, Aiken, SC. <https://www.youtube.com/watch?v=lgQuXiTzd4A>
- McMurtrie, D. (2020, February). Constructing and supporting an argument. Session presented at a University of South Carolina Aiken Writing Center workshop, Spring 2020, Aiken, SC

- Coleman, B. & McMurtrie, D. (2020, February). How to establish community in the college classroom. Session presented at a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop, Spring 2020, Aiken, SC.
- McMurtrie, D. (2020, February). Concept mapping. Session presented at a University of South Carolina Aiken Writing Center workshop, Spring 2020, Aiken, SC.
- McMurtrie, D. & Coleman, B. (2019, October). Strategies to increase student engagement in the college classroom. Session presented at a University of South Carolina Aiken Center for Teaching Excellence (CTE) workshop, Fall 2019, Aiken, SC.
- McMurtrie, D. (2019, October). Constructing and supporting an argument. Session presented at a University of South Carolina Aiken Writing Center workshop, Fall 2019, Aiken, SC.
- McMurtrie, D. (2019, October). PSAT prep: Test taking strategies. Session presented for the eighth-grade students at Langley-Bath-Clearwater Middle School, Aiken, SC.
- McMurtrie, D. (2019, September). Concept mapping. Session presented at a University of South Carolina Aiken Writing Center workshop, Fall 2019, Aiken, SC.
- McMurtrie, D. (2019, September). The Professional Development School (PDS) model: Building on our university and school partnership. Sessions presented at faculty meetings at Leavelle McCampbell Middle School, LBC Middle School, and Midland Valley High School, Aiken, SC.
- McMurtrie, D. (2019, October). Constructing and supporting an argument. Session presented for students at a University of South Carolina Aiken Writing Center workshop, Aiken, SC.
- McMurtrie, D. (2019, September). Concept mapping. Session presented for students at a University of South Carolina Aiken Writing Center workshop, Aiken, SC.
- McMurtrie, D. (2019, September). The Professional Development School (PDS) model: Building on our university and school partnership. Sessions presented for teachers and administrators at faculty meetings at Leavelle McCampbell Middle School, LBC Middle School, and Midland Valley High School, Aiken, SC.
- McMurtrie, D. (2018, October). PSAT prep: Test taking strategies. Session presented for the eighth-grade students at Langley-Bath-Clearwater Middle School, Aiken, SC.
- McMurtrie, D. (2018, September). The Professional Development School (PDS) model: Building on our university and school partnership. Sessions presented for teachers and administrators at faculty meetings at Leavelle McCampbell Middle School, LBC Middle School, and Midland Valley High School, Aiken, SC.
- McMurtrie, D. (2018, March). Praxis prep for the PLT: Principles of learning and teaching. Workshop presented for education majors for the USC Aiken School of Education.

McMurtrie, D. (2017, October). Service Learning 101: Adolescent development case study mentoring project. Session presented at a University of South Carolina Aiken Center for Teaching Excellence (CTE) Lunch and Learn workshop, Aiken, SC.

McMurtrie, D. & Lofton, S. (2017, October). PSAT prep: Test taking strategies. Session presented for the eighth-grade students at Langley-Bath-Clearwater Middle School, Aiken, SC.

McMurtrie, D. (2017, September). The Professional Development School (PDS) model: Building on our university and school partnership. Sessions presented for teachers and administrators at faculty meetings at Leavelle McCampbell Middle School, LBC Middle School, and Midland Valley High School, Aiken, SC.

McMurtrie, D. (2017, September). Rotarians in action: Supporting the development and implementation of Traveling Interdisciplinary Literacy Trunks (TILTs). Session presented at the Rotary Club of Aiken Sunrise, Aiken, SC.

McMurtrie, D. & Horton, A. (2016, August). Strategies for using Writing Workshop across disciplines. Session presented at a University of South Carolina Aiken Writing Intensive summer workshop, Aiken, SC.

McMurtrie, D. (2016, April). Aiken Sunrise Rotary All-Star Project: Traveling Interdisciplinary Literacy Trunks (TILTs). Session presented at the annual Rotary International All Club Conference, District 7750, Greenville, SC.

McMurtrie, D. (2016, September). Partnership update: Traveling Interdisciplinary Literacy Trunks (TILTs). Session presented at the Rotary Club of Aiken Sunrise, Aiken, SC.

McMurtrie, D. (2015, September). Partnership opportunity: Traveling Interdisciplinary Literacy Trunks (TILTs). Session presented at the Rotary Club of Aiken Sunrise, Aiken, SC.

Student Research

Publications with Students

Basile, E., McMurtrie, D., & Coleman, B. (2022). Connecting weirdness and wonder to middle level mathematics. *South Carolina Association of Middle Level Education (SCAMLE) Journal*, 128-131. <https://scholarcommons.sc.edu/scamle/vol1/iss1/15/>

Zorn, T. & McMurtrie, D. (2019). Color deficiency in the classroom. *South Carolina Middle School Association Journal*, 21-25.

Spragg, K. & McMurtrie, D. (2019). Traveling Interdisciplinary Literacy Trunk (TILT) integration within SC history. *South Carolina Middle School Association Journal*, 4-11.

Conference Presentations with Students

Gilliam, I. & McMurtrie, D. (2023, November). An interdisciplinary ELA unit on the Renaissance for middle school. Session presented at the annual meeting of the Association for Middle Level Education (AMLE), National Harbor, MD (International, peer-reviewed)

Coleman, B., McMurtrie, D., Ruppert, N. & Basile, E. (2023, January). Connecting productive struggle to weirdness and wonder in mathematics. Session presented at the annual meeting of the European League of Middle Level Education (ELMLE), Porto, Portugal (International, peer-reviewed).

Coleman, B., McMurtrie, D., Ruppert, N. & Basile, E. (2022, January). Connecting weirdness and wonder to mathematics. Session presented at the annual meeting of the European League of Middle Level Education (ELMLE), Virtual (International, peer-reviewed).

McMurtrie, D., Zorn, T., & Kinard, A. (2019, March). Differentiated instruction for students with color deficiencies. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)

McMurtrie, D. & Perkins, B. (2019, March). Exploring controversial topics in a culturally responsive lesson. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)

McMurtrie, D. & Spurlin, K. (2019, March). Let's talk about The Hate U Give. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)

McMurtrie, D. & Jameson, H. (2018, March). The African American male achievement gap. Session presented at the annual meeting of the South Carolina Association for Middle Level Education (SCAMLE), Myrtle Beach, SC. (State, peer-reviewed)

Scholar Showcase Projects Mentored

- Isiah Gillian, *Interdisciplinary Education: An Exploration into African American History, Culture, and Art*. University of South Carolina Aiken Scholar Showcase, April 2024.
- Jessica Lawson, *Exploring Issues of Privilege in Family History*. University of South Carolina Aiken Scholar Showcase, April 2024.
- Isiah Gillian and Terrance Williams, *An Interdisciplinary Exploration of the Renaissance for Middle School*. University of South Carolina Aiken Scholar Showcase, April 2023.
- Elizabeth Basile and James Walsh, *Weirdness and Wonder in Middle Level Mathematics*. University of South Carolina Aiken Scholar Showcase, April 2022.
- Gracie Taylor, *Advocating for Students with Mental Health Issues*. University of South Carolina Aiken Scholar Showcase, April 2021.
- Harley King, *Causes of Death in Aiken and Charleston Counties from 1900 to 1960: A Mixed Methods Study*. University of South Carolina Aiken Scholar Showcase, April 2021.

- Tiffany Zorn and Alex Kinard, *Color Deficiency in the Middle Level Classroom*. University of South Carolina Aiken Scholar Showcase, April 2019.
- Hannah Jameson, *The Systematic Marginalization of Black Male Students*. University of South Carolina Aiken Scholar Showcase, April 2018.
- Alyson Cromer, *Inclusion of Special Education Students*. University of South Carolina Aiken Scholar Showcase, April 2016.

Conference Planning

- 2022 Planning Committee and Session Organizer, *Best Practices Institute*. South Carolina Professors of Middle Level Education, Myrtle Beach, SC, March 2022.
- 2021 Planning Committee and Session Organizer. South East Professors of Middle Level Education, Virtual Conference, May 2021.
- 2021 Planning Committee and Session Organizer, *Best Practices Institute*. South Carolina Professors of Middle Level Education, Virtual Conference, March 2021.
- 2020 Planning Committee. South Carolina Professors of Middle Level Education, Virtual Conference, February 2020.
- 2019 Planning Committee. South Carolina Professors of Middle Level Education, Myrtle Beach, SC, March 2019.
- 2018 Planning Committee. South East Professors of Middle Level Education, Greenville, SC, May 2018.
- 2018 Planning Committee. South Carolina Professors of Middle Level Education, Myrtle Beach, SC, March 2018.

Professional Affiliations

- South Carolina Association for Middle Level Education (SCAMLE)
- Association for Middle Level Education (AMLE)
- European League for Middle Level Education (ELMLE)
- South Carolina Professors of Middle Level Education (SCPoMLE)
- Southeastern Professors of Middle Level Education (SEPoMLE)
- National Professors of Middle Level Education (NaPoMLE)
- South Carolina Science Council (SC2)
- National Science Teachers Association (NSTA)
- South Carolina Council for Teachers of English (SCCTE)
- National Council for Teachers of English (NCTE)
- South Carolina International Reading Association (SCIRA)
- International Literacy Association (ILA)
- American Educational Studies Association (AESA)

Service

USC Aiken

- University Planning Committee, USC Aiken, 2023 to present
- System Faculty Leadership Council, USC system, Co-chair, 2022-2023
- Academic Assessment Committee, Co-chair, USC Aiken, 2020-2023
- Writing Intensive Steering Committee, 2022 to present
- QEP Implementation Committee, 2020 to present

- QEP Strategic Planning Task Force, Co-chair, USC Aiken, 2019
- Faculty Welfare Committee, Chair, USC Aiken, 2016-2019
- Courses and Curricula Committee, USC Aiken, 2016-2019
- Annual Faculty Evaluation Review Committee, USC Aiken, 2016-2018
- First Year Reading Experience/Critical Inquiry (FYRE/CI) Committee, 2017-2019
- Interdisciplinary Studies Advisory Committee, 2017-2021
- Distance Learning Advisory Sub-Committee, USC Aiken, 2015-2018
- Institutional Animal Care and Use Committee (IACUC), USC Aiken, 2009 to present; Vice Chair 2021 to present

School of Education

- Middle Level Education Program Coordinator, 2017 to present
- Technology Task Group, Chair, 2023 to present
- Recruitment and Retention Committee, Chair, 2021-2023
- Peer Review Committee, Chair, 2021-2023
- Professional Development Schools (PDS) Committee, Chair, 2017 to 2021
- Professional Education Committee, 2017 to 2021
- CAEP Accreditation Team, 2018 to 2020
- Strengthening Partnerships Committee, 2020-2021

Community

- School Improvement Council, Leavelle McCampbell Middle School, 2013-2023
- Professional Development School liaison, LBC Middle School, Leavelle McCampbell Middle School, and Midland Valley High School, 2016-2023
- Vice Chair, Board member, Tall Pines STEM Academy, Aiken, SC, 2016-2018
- Board member, Second Baptist Christian Preparatory School, Aiken, SC, 2016-2018
- Vice President, Delta Kappa Gamma Society International for Key Women Educators, Beta Delta Chapter, 2014 to present

Professional

- Editor, *South Carolina Association for Middle Level Education (SCAMLE) Journal*, 2021 to present
- Secretary/Treasurer, Board member, South Carolina Professors of Middle Level Education (SCPoMLE), 2016 to 2022
- Editorial Reviewer for *Current Issues in Middle Level Education (CIMLE) Journal*, 2011 to present
- Editorial Reviewer for *South Carolina Association for Middle Level Education (SCAMLE) Journal*, 2017 to 2020
- Member, Kappa Delta Pi (KDP), International Honor Society in Education, 2019 to present
- Application Review Committee for *South Carolina Schools to Watch (STW)*, 2011 - 2014

Grants

- Gillian, I., McMurtrie, D., & Miller, M. (2023). Submitted a \$2,500 Magellan Scholars proposal entitled Interdisciplinary education – An exploration into African American history, culture, and art. The applicant is a secondary education English major and I served as his mentor for this project.
- Hall, T., Minichan, J., & McMurtrie, D. (2020). Submitted a proposal and was awarded \$598,920 over four years to establish a 21st Century Community Learning Center (21st CCLC) afterschool program for Leavelle McCampbell Middle School. USC Aiken undergraduate education majors serve as teaching assistants (funded).
- Hall, T. & McMurtrie, D. (2020). Submitted a \$3,000 proposal to the Association for Middle Level Education entitled *Project LEADS* (Leading, Educating, Achieving, Developing, and Serving): A Collaboration Between Leavelle McCampbell Middle School and the University of South Carolina Aiken (not funded).
- McMurtrie, D. (2019). Submitted a \$3,000 proposal to the Association for Middle Level Education to establish a peer mediation program at Langley Bath Clearwater (LBC) Middle School (not funded).
- McMurtrie, D. (2017). Submitted a \$15,000 proposal to the National Writing Project to implement an Invitational Leadership Institute project from May 2017 to August 2018. The institute served teachers and principals at Greendale Elementary School and East Aiken School of the Arts (funded).
- McMurtrie, D. (2017). Submitted a \$3,000 proposal to the Aiken Sunrise Rotary Club to fund instructional materials for Traveling Interdisciplinary Literacy Trunks (TILTs) developed by teachers at Greendale Elementary School and East Aiken School of the Arts (funded).
- McMurtrie, D. (2016). Submitted a \$3,000 proposal to the Aiken Sunrise Rotary Club to fund instructional materials for Traveling Interdisciplinary Literacy Trunks (TILTs) developed by teachers at Aiken Elementary School (funded).
- McMurtrie, D. (2015). Submitted a \$2,000 proposal to the Aiken Sunrise Rotary Club to fund instructional materials for Traveling Interdisciplinary Literacy Trunks (TILTs) developed by teachers at Millbrook Elementary School and Aiken High School (funded).
- Rhodes, L., McMurtrie, D., & Senn, G. (2014). Submitted a \$15,000 proposal to the National Writing Project to implement a Family Literacy project for English Language Learners (ELLs) at Ridge Spring Monetta Elementary School from August 2014 to May 2015. The purpose of this project was to provide professional development for teachers and Family Night literacy activities for ELL students, parents, and siblings (funded).
- Rhodes, L., McMurtrie, D., & Senn, G. (2013). Submitted a \$20,000 proposal to the National Writing Project to implement an intensive 30-hour professional development program at a Title I school. I coordinated the project and led professional development sessions related to

interdisciplinary curriculum development at Ridge Spring Monetta Elementary Middle School from August 2013 to June 2014 (funded).

Johnson, G. W., McMurtrie, D. H., & Senn, G. J. (2012). Submitted a \$250,000 proposal entitled *STEM Smarts: Redefining Gifted* to the National Science Foundation (not funded). The purpose of the STEM Smarts project is to identify a group of students who might not fit the traditional definition of “gifted,” and offer opportunities to master rigorous STEM content through concrete, contextual, and experiential learning. The STEM Smarts project intentionally moves away from a deficit perspective and focuses instead on an attribute perspective. Building a bridge from “street smarts” to “STEM smarts” could increase STEM access to a population that is typically underrepresented in math and science. This proposal was not funded but received favorable reviews from NSF.

Senn, G. J., Haskell, D., Smyth, T. J. C., Smalley, D. C., Hutchens, J. M., & McMurtrie, D. H. (2007). Submitted a \$622,457 proposal to the South Carolina Commission on Higher Education to establish the Center of Excellence in Middle-level Interdisciplinary Strategies for Teaching (CE-MIST). Since 2008 I have coordinated the CE-MIST project and collected data annually for CHE and the external evaluator (funded).

Academic Honors and Awards

- National Professors of Middle Level Education (NAPOMLE) Outstanding Professor of Middle Level Education Award, 2023
- USC Aiken Excellence in Community Service Award, 2023
- South Carolina Association for Middle Level Education (SCAMLE), Dr. Jennifer L. Wilson Teaching Excellence Award, 2022
- Leavelle McCampbell Middle School Community Service Award, 2022
- USC Aiken Excellence in Advisement Award, 2022
- USC Aiken Excellence in Teaching Award, 2021
- USC Aiken Excellence in Teaching Award nominee, 2023, 2021, 2018, 2017, 2016
- USC Aiken Two Thumbs Up Disability Services Award, 2021
- USC Aiken Retention, Progression, and Graduation (RPG) Award, 2021
- USC Aiken Honors, Awards, and Scholarship (HAS) Travel Awards, 2024, 2023, 2022, 2021, 2020, 2019, 2018, 2017, 2016, 2015
- USC Aiken Part-Time Faculty Teaching Excellence Award, USC Aiken, 2012
- USC Aiken Classified Employee of the Year Award, USC Aiken, 2010
- University of South Carolina, Outstanding Graduate Student of the Year Award, 1996
- Who’s Who Among Students in American Universities and Colleges, 1981