Nicole C. Miller
Associate Professor
Mississippi State University
College of Education
Department of Teacher Education and Leadership
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EDUCATION

Mississippi State University
Ph.D., Curriculum and Instruction, December 2012
Dissertation: Online Teacher Candidates' Experiences in a Virtual World for the Preparation to Teach Middle School

California State University, Northridge
M.A. Education, Specialization in Computers in Instruction, *with honors,* May 2007
California Secondary Teaching Credential, Social Studies (7-12), Cross-cultural, Language, and Academic Development (CLAD), Computer Applications, May 2002

University of California, Los Angeles
B.A., Political Science, *Cum Laude*, June 1997

PROFESSIONAL EXPERIENCE

2019 - Mississippi State University
- Associate Professor, Department of Curriculum, Instruction, and Special Education

2013- 2019 Mississippi State University
- Assistant Professor, Department of Curriculum, Instruction, and Special Education

2011-2012 Mississippi State University
- Instructor, Department of Curriculum, Instruction, and Special Education

2010-2011 Mississippi State University
- Teaching and research assistant, Department of Curriculum and Instruction, and Special Education
- University supervisor for Elementary Education and Secondary Education interns
- Student success team advising support
- Research assistant, Department of Instructional Systems and Workforce Development, Dr. Kui Xie

Summer 2010 Mississippi State University
- Adjunct instructor, Department of Curriculum, Instruction, and Special Education

- Research assistant, Department of Instructional Systems and Workforce Development, Dr. Kui Xie

2009-2011 Mississippi State University
- Consultant, Photovoice Research Project – Cherokee Nation

2009-2010 Mississippi State University
- Teaching assistant/University intern supervisor, Department of Curriculum, Instruction, and Special Education

2009-2010 Arizona State University
- Consultant, Photovoice Research Project – Jemez Pueblo

2008-2009 Mississippi State University
- Teaching and research assistant, Department of Curriculum, Instruction, and Special Education

2007-2009 Mississippi State University
- Research assistant, Department of Curriculum, Instruction, and Special Education
- Participant researcher in national research study on Common Planning Time in Middle Schools (Part of the Research in Middle Level Education, Special Interest Group, American Educational Research Association)
- Research assistant, Voices and Visions from Michigan's American Indian Head Start Programs: A Photovoice Research Project

2000-2007 Holmes International Middle School, Northridge, California
- Teacher, Technology Coordinator

Responsibilities: Taught courses in world history, introduction to computers, information processing, technology education, and journalism/yearbook. Performed purchasing for all technology related equipment/software (budget averages $150,000 per year). Performed professional development to assist teachers with technology integration and district mandated technology roll-outs such as ISIS on a regular basis. Designed and maintained school website using Dreamweaver, CSS, and Joomla. Deployed an internal help desk system where teachers can submit technology problems online, including a tracking system. Created and trained a student "Tech Team" to help assist with repairs prior to hiring the on-site technician. Managed on-site technician to complete repairs in a timely manner. Created annual testing "pep rally" video to help prepare students for standardized testing. Participated in school leadership: Curriculum Committee Member, SBM Committee Member, Chair of SBM Technology Committee, Professional Development Committee Member, Budget Committee Member, Member of the School Site Council.

PROFESSIONAL LICENSES AND CERTIFICATIONS HELD

2010 Center for Teaching and Learning, Mississippi State University, Certification in Distance Instruction

2002 Teacher, Secondary Social Studies (7-12)
Teacher, Supplemental Authorization, Computer Applications
Teacher, Cross-cultural, Language and Academic Development (CLAD) Certificate

PUBLICATIONS

Peer Reviewed

1. Hurd, E., **Miller, N. C.**, Mis, Robin, & Whitaker, N. (2025). Revisiting the national review of middle level teacher preparation programs: Certification and licensure across the country. *Middle Grades Review, 11*(2).

2. Binford, P. E., Anthony, K. A., & **Miller, N. C.** (2025). It is not a waste of time! The history of guano use in the United States through visual discovery. *Oregon Journal for the Social Studies,* 30-43.

3. Dever, R., Hurd, E., **Miller, N. C.**, Whitaker, N. (2024). Middle level certification/licensure: Current Status and Future Directions. *Education Sciences, 14*(2), 1303. https://doi.org/10.3390/educsci14121303 (No fee).

4. Dever, R., Hurd, E., **Miller, N. C.**, Whitaker, N. (2024). Middle level certification and licensure. In Brinegar K.B., Moulton, M., Falbe, K., Rintamaa, M., and Ellerbrock, C. (Eds.). Navigating Opportunities for Middle Level Education: A Research Agenda. *Research in Middle Level Education (RMLE) Online, 47*(8), 32-34).

5. **Miller, N. C.**, & Alley, K. A. (2024). Partnering with a middle school: Making space for middle school student voice and place-based learning. *Middle Grades Review, 10*(1). https://journals.uvm.edu/mgr/article/id/174/

6. **Miller, N. C.**, & Kellum, R. (2024). Making the virtual historical using primary sources. *Social Studies Research and Practice, 19*(3), 378-391. https://doi.org/10.1108/SSRP-12-2023-0077

7. Zhbanova, K. & **Miller, N. C.** (2022). *Supporting ELL student identity development and sense of social belonging in the middle school*. Association for Middle Level Education: Research Summary. https://www.amle.org/research/supporting-english-learners-in-the-middle-culturally-responsive-and-sustaining-practices-to-support-student-identity-development-and-sense-of-belonging/

8. Moser, K., Chambliss, K. &, **Miller, N.C.** (2020). Creating a Virtual Space in World Language Teacher Preparation? Considerations for Practice-Based Rehearsals. *Journal of Technology and Teacher Education, 28*(4), 613-638.

9. Owens-Mosby, D., **Miller, N. C**., Thompson, N. L., Byford, J. M., Gilewski, C. (2019). Video-Based Field Experiences: An Investigation of Elementary Social Studies Teacher Candidates' Perceptions of a New Approach, *National Social Science Journal, 52*(2), 43-57.

10. **Miller, N. C.**, Elder, A. D., Cheatham, D. A., Seymour, D., & Brenner, D. (2019). Teacher recruitment for an alternate route program in a rural area: Methods and lessons, *Journal of the National Association for Alternative Certification, 14*(1), 3-24.

11. Howell, P. B., Cook, C. M., **Miller, N. C.**, Thompson, N. T., Faulkner, S. A., & Rintamaa, M. F. (2018). The complexities of middle level teacher credentialing: Status report and future directions. *Research in Middle Level Education Online*, *41*(4), 1-12.

12. Faulkner, S., Howell, P., Cook, C., Thompson, N. L., Rintamna, M., & **Miller, N. C.** (2017). Mapping the varied terrain of specialized middle level teacher preparation and licensure. *Middle School Journal, 48*(2), 8-13.

13. **Miller, N. C**., McKissick, B. R., Ivy, J., & Moser, K. (2017). Supporting Diverse Young Adolescents: Cooperative Grouping in Inclusive Middle Level Settings, *The Clearing House: A Journal of Educational Strategies, Issues and Ideas, 90*(3), 86-92.

14. Thompson, N. T., **Miller, N. C.,** & Belleau, A. (2016). The indigenization of Photovoice methodology: Visioning Indigenous Head Start in Michigan. *International Review of Qualitative Research, 9*(3), 296-322.

15. **Miller, N. C.** (2016). Claiming unclaimed spaces: Virtual spaces for learning. *Educational Media International, 53*(1), 13-26.

16. Howell, P., Faulkner, S., Cook, C., **Miller, N. C.,** & Thompson, N. L. (2016). Specialized preparation for middle level teachers: A national review of teacher preparation programs. *Research in Middle Level Education Online*, *39*(1), 1-12.

17. Ivy, J., **Miller, N. C.**, Moser, K., & McKissick, B. R. (2015). 6 functions of effective bell ringers. *New Teacher Advocate*, *22*(4), 6-7.

18. Anthony, K. V., Smith, R. C., & **Miller, N. C.** (Available online: April 2014; Available in print: 2015). Preservice elementary teachers' economic literacy: Closing gates to full implementation of the social studies curriculum. *The Journal of Social Studies Research, 39,* 29-37.

19. Thompson, N. L., **Miller, N. C.**, & Franz, D. P. (2013). Comparing online and face-to-face learning experiences for non-traditional students: A case study of three online teacher education candidates. *Quarterly Review of Distance Education, 14*(4), 233-252.

20. Xie, K., **Miller, N. C.,** & Allison, J. R. (2013). Toward a social conflict evolution model: Examining the adverse power of conflictual social interaction in online learning, *Computers & Education, 63,* 404-415.

21. **Miller, N. C.**, Thompson, N. L., & Xu, J. (2013). In the Middle: Elementary Education Preservice Teachers' Experiences, Efficacy and Interest In the Education of Young Adolescents, *Middle Grades Research Journal, 7*(4), 15-30.

22. Carlyle, G. A., Thompson, N. T., Hare, R. D., & **Miller, N. C.** (2011). Postsecondary Transitions of Mississippi Band of Choctaw Indians Tribal Scholarship Program Students. *Journal of American Indian Education*, *50*(3), 42-60.

23. Franz, D. P., Thompson, N., Fuller, B., Hare, R. D., **Miller, N. C.,** & Walker, J. (2010) Evaluating Mathematics Achievement of Middle School Students in a Looping Environment. *School Science and Mathematics, 110*(6), 298-308.

24. **Miller, N. C.,** Thompson, N., & Franz, D. P. (2009). Proactive strategies to safeguard young adolescents in the cyberage. *Middle School Journal, 41*(1), 28-35.

25. Burroughs, S., **Miller, N. C.**, & Tindall, T. (2009). Insights into College Student Motivation*, Academic Exchange Quarterly, 13*(2), 167-174.

26. Thompson, N. L., Franz, D. P., & **Miller, N. C.** (2009). Research summary: Looping. http://www.nmsa.org/Research/ResearchSummaries/Looping/tabid/2090/Default.aspx

Peer Reviewed Chapters

1. Brenner, D., Alley, K.M., **Miller, N. C.**, Smith, K., & Tullos, A. (2023). Partnership school: A rural school-university collaboration like no other. In S. Hartman & B. Klein (Eds.), *Middle of Somewhere: Rural Education Partnerships that Promote Innovation and Change*. Cambridge, MA: Harvard Education Press.

2. **Miller, N. C.**, & Thompson, N. T. (2016). Teachers: Preservice preparation *Encyclopedia of Middle Grades Education* (2nd ed.) (pp. 385-387). Charlotte, NC: Information Age Publishing.

3. **Miller, N. C.**, & Thompson, N. T. (2016). Rural middle schools. *Encyclopedia of Middle Grades Education* (2nd ed.) (pp. 320-324). Charlotte, NC: Information Age Publishing.

4. **Miller, N. C.**, Thompson, N. T., & Franz, D. P. (2016). Looping. *Encyclopedia of Middle Grades Education* (2nd ed.) (pp. 242-246). Charlotte, NC: Information Age Publishing.

5. Franz, D. P., Thompson, N. L., & **Miller, N. C.** (2012). A comparison of teacher's perceptions of perceived barriers regarding the implementation of common planning time at two middle schools. In S. B. Mertens, V. A. Anfara, Jr., M. M. Caskey, & N. Flowers (Eds.), *Common Planning Time, The Handbook of Research in Middle Level Education,* (pp. 49-68). Charlotte, NC: Information Age Publishing.

Practitioner Publications

1. **Miller, N. C.** (2025). Review of the book *Joyful Learning: Tools to Infuse Your 6-12 Classroom with Meaning, Relevance, and Fun* by S. Farley. *MiddleWeb*. https://www.middleweb.com/52805/tools-to-fill-classrooms-with-joyful-learning/

2. Moser, K., & **Miller, N.C.** (August 2016). World Language Education: Supporting the Goals of *This We Believe, AMLE Magazine,* 4*(1),* 19-21.

3. Anthony, K. V., & **Miller, N. C.** (2014). Digging deeper with primary sources: Original documents take students deeper into the content. *AMLE Magazine, 1*(5), 23-25.

4. **Miller, N. C.** (December 2014). Review of the book *Examining the evidence: Seven strategies for teaching with primary sources* by K. Thompson and H. Mac Austin. *MiddleWeb*. http://www.middleweb.com/18972/deepen-understanding-with-primary-sources/

5. **Miller, N. C.** (May 2014). Review of the book *Getting Started with Your PLN? Here's a Helpful Guide* by K. Swanson. *MiddleWeb*. http://www.middleweb.com/13922/getting-started-pln-heres-helpful-guide/

6. **Miller, N. C.** (December 2013). Review of the book *Online Professional Development Through Virtual Learning Communities* by S. Hollins-Alexander. *MiddleWeb*. http://www.middleweb.com/10946/online-pd-vlcs/

7. **Miller, N. C.** (2013). Review of the book *Personal Learning Networks: Using the Power of Connections to Transform Education* by W. Richardson & R. Mancabelli. *MiddleWeb*. http://www.middleweb.com/5245/plns-school-transformation/

8. **Miller, N. C.** (2009). Not much, just chillin': The hidden lives of middle schoolers – Book Review. *The Chronicle of Middle Level Education Research, 9*(2), 12.

Other Publications

1. Eisenbach, B., & **Miller, N. C.** (2024). Digital pedagogy for young adolescents. *Middle Grades Research Journal*, *13*(3). 1-4. *I co-edited this issue of the Middle Grades Research Journal with Brooke Eisenbach including soliciting submissions, reviewers, and reviewing/editing submissions.*

2. **Miller, N. C.,** & Robinson, D. (2023). Year-round school: Difference-maker or waste of time? *The Conversation*. https://theconversation.com/year-round-school-difference-maker-or-waste-of-time-211659

3. Anthony, K. V., **Miller, N. C.,** & Binford, P. E. (2019). *Teaching with Primary Sources Mississippi Cognitive Tasks*. Retrieved from http://www.msstatetps.org

4. **Miller, N. C.,** & Anthony, K. V. (2019). *King Tut: Putting the Reality into the Virtual (lesson plan)*. Retrieved from http://www.msstatetps.org

5. **Miller, N. C.** (2019). *Gutenberg: The History and Impact of the Printing Press (lesson plan)*. Retrieved from http://www.msstatetps.org

6. Bishop, P., Alley, K., Andrews, G., Cronenberg, S., Falk-Ross, F., **Miller, N.**, Moran, C., Nelson, E., & Weiler, C. (2016). Digital technologies. In S. B. Mertens, M. M. Caskey, P. Bishop, N. Flowers, D. Strahan, D., G. Andrews, & L. Daniel (Eds.), *The MLER SIG research agenda* (pp. 23-25). Retrieved from http://mlersig.net/mler-sig-research-agenda-project/

CONFERENCE PRESENTATIONS

Papers

National

Miller, N. C., Smith, K. O., McBrayer, B.*, & Lermer, C.* (2025, November). *Artificial intelligence meets the middle: Analyzing the quality of interdisciplinary lesson plans using two AI tools*. Association for Middle Level Education Conference, Indianapolis, IN.

Smith, K. O., & **Miller, N. C**. (2025, November). *Evaluating AI in action: Pre-service teachers' evaluations of AI-generated lesson plans.* Association for Middle Level Education Conference, Indianapolis, IN.

Miller, N. C., Binford, P. E., & Anthony, K. V. (2025, November). *Investigating the use of primary sources by middle level teachers: A review of practice.* Paper presented at the Association for Middle Level Education Conference, Indianapolis, IN.

Smith, K. O., & **Miller, N. C.** (2025, March). *Profiles of Teacher Candidates' Preparedness to Integrate Technology for Literacy and Language Arts*. Society for Information Technology & Teacher Education. Orlando, FL.

Miller, N. C. (2023, November). *Using AI as a Middle Level Teacher Educator*. Paper presented at the Association for Middle Level Education Conference, National Harbor, MD.

Cook, C., **Miller, N. C.**, Faulkner, S., & Howell, P. (2023, November). *Middle Grades Teacher Preparation vs. Certification: The Struggle is Real.* Association for Middle Level Education Conference, National Harbor, MD.

Holmes, A., & **Miller, N. C.** (2023, January). *STEM and SOURCES*. Paper presented at the SOURCES Annual Conference, Orlando, FL.

Miller, N. C., Alley, K., & Smith, K. O. (2022, November). *Partnering with a Middle School: Making a Space for Middle School Student Voice and Place-Based Background*. Paper presented at the Association of Middle Level Education Conference, Orlando, Fl.

Binford, P. E., **Miller, N. C.**, & Anthony, K. V. (2018, January). *Life matters: A view of child labor in Mississippi*. Paper presented at the SOURCES Conference, Orlando, FL.

Miller, N. C., Anthony, K. V., & Binford, P. E. (2017, November). *Benefits and Challenges to Planning and Teaching with Library of Congress Digital Primary Sources in the Middle Grades*. Paper presented at the annual meeting of the Association for Middle Level Education, National Association of Professors of Middle Level Education (NaPOMLE) Best Practices Session, Philadelphia, PA.

Miller, N. C., Thompson, N. T., & Alley, K. (2017). *You Have to Know It to Teach It: Preparing Middle-Level Teacher Candidates to Better Engage Young Adolescents with Technology—A Cognitive Apprenticeship Model*. Paper presented at the Annual meeting of the American Educational Research Association, San Antonio, TX.

Thompson, N. T., Cook, C., Faulkner, S., Howell, P., Rintama, M., & **Miller, N. C**, (2016, April). *Advocating for an identity that stands alone: Middle level teacher preparation*. Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Austin, TX.

Miller, N. C. & McKissick, B. R. (2016, October). *Co-teaching online: Preparing alternate route middle level educators*. Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Austin, TX.

Anthony, K. V., & **Miller, N. C.**, (2015, November). *Writing historical narratives using Library of Congress primary source sets*. Paper presented at the annual meeting of the National Council for Social Studies Annual Conference, New Orleans, LA.

Howell, P., Cook, C., Faulkner, S., Thompson, N. L., & **Miller, N. C.,** (2015, October). *Middle grades teacher education: Regulations and realities.* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Columbus, OH.

Cook, C., Faulkner, S., Howell, P., Thompson, N. L., & **Miller, N. C.** (2015, October). *Middle grades teacher preparation in the United States.* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Columbus, OH.

Alley, K., & **Miller, N. C.** (2015, October). *Filling their toolbox: Professional Development to Support Evidence-Based Instructional Strategies Familiarity and Use in the Middle Level Classroom.* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium of the National Professors of Middle Level Education, Columbus, OH.

Howell, P., Faulkner, S., Cook, C., **Miller, N. C.,** Thompson, N. L. (2015, April). *Specialized middle level teacher preparation: A comprehensive review of teacher education programs*. Paper presented at the Annual meeting of the American Educational Research Association, Chicago, IL.

Anthony, K. V., & **Miller, N. C.** (2015, March). *Twitter: A lens to examine the nature of history and historical thinking processes*. Annual meeting of The International Society for the Social Studies Annual Conference, Orlando, FL.

Cook, C., Faulkner, S., Howell, P., Thompson, N. L., & **Miller, N. C.** (2015, February*). Middle grades teacher preparation: Review of program requirements of colleges & universities in the US.* Paper presented at the Annual meeting of the Association of Teacher Educators, Phoenix, AZ.

Miller, N. C. (2013, November). *Alternate Route to the Middle: Online Alternate Route Middle Level Teacher Preparation.* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Minneapolis, MN.

Thompson, N. L., **Miller, N. C.,** & Seed, A. (2013, November). *Field Experiences for Middle Level Preservice Teachers: What Has Been and What Will Be?* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Minneapolis, MN.

Howell, P., Faulkner, S., Cook, C., **Miller, N. C**., & Thompson, N. T. (2013, November). *The Status of Middle Level Teacher Preparation: A Review of Programs in the Southeast US.* Paper presented at the annual meeting of the Association for Middle Level Education - Symposium on Excellence in Teacher Preparation, Minneapolis, MN.

Moser, K., Chambless, K., & **Miller, N. C.** (2013, November). *Use of Virtual Worlds in Pre-Service Teacher Development.* Paper presented at the annual meeting of the American Council on the Teaching of Foreign Languages, Orlando, FL.

Allison, J. R., **Miller, N. C.**, & Xie, K. (2013, October). *Addressing the Steep Learning Curve: Comparing Two Methods of Training New Second Life Users.* Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Miller, N. C., Xu, J., Xie, K., Thompson, N. L., Franz, D. P., & Hare, R. D. (2013, April). *Multi-User Virtual Environments for Middle Level Teacher Preparation*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.

Miller, N. C., & Thompson, N. L. (2012, November). *Preparing Middle Level Teacher Candidates to Better Engage Young Adolescents with Technology*. Paper presented at the annual meeting of the Association for Middle Level Education, Portland, OR.

Chappell, M., & **Miller, N. C.,** (2012, November). *Preparing Preservice Teachers to Implement Formative Assessment*. Paper presented at the annual meeting of the Association for Middle Level Education, National Association of Professors of Middle Level Education (NaPOMLE) Best Practices Session, Portland, OR.

Xie, K., **Miller, N. C.,** & Allison, J. (2012, October). *The relationship between social conflict and learning interactions*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Louisville, KY.

Thompson, N. T., & **Miller, N. C.** (2012, April). *Empowerment, Engagement, and Outreach: Evidence from a Photovoice Project in an American Indian Community.* Paper presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.

Thompson, N. L., & **Miller, N. C.** (2011, November). *Repeaters: Lessons Learned from Three Non-Traditional Middle Level Education Students*. Paper presented in the Spotlight on Research at the National Middle School Association Annual Conference. Louisville, KY.

Miller, N. C., Xie, K., & Allison, J. (2011, April). *A Case Study of Social Conflict in Peer-Moderated Online Discussions.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Xie, K., **Miller, N. C.,** & Allison, J. R. (2011, March). *Social Harmonization in Distance Classes*. Paper presented at the annual meeting of the Society for Information Technology & Teacher Education Conference, Nashville, TN.

Miller, N. C., Thompson, N., & Xu, J. (2010, May). *In the Middle: Elementary Education Majors' Experience in Middle Level Education and Associated Field Experience.* Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

Thompson, N. L., Franz, D. P., & **Miller, N. C.** (2009, April). *A Comparison of Teacher's Perceptions of Perceived Barriers Regarding the Implementation of Common Planning Time at Two Middle Schools*. Paper presented as part of: Mertens, S.B., Roney, K., Anfara, V.A., Jr., Caskey, M. M. Common Planning Time Project: Emerging Research From the National Middle Grades Research Project. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Thompson, N. L., & **Miller, N. C.** (2009, April). *Voices and Visions From Michigan's American Indian Head Start Programs: A Photovoice Research Project.* Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Miller, N. C., Thompson, N. L., & Franz, D. P. (2008, October). *Evaluating the Effects of Looping on Mathematics Achievement of Middle Level Students.* Paper presented in the Spotlight on Research at the National Middle School Association Annual Conference. Denver, CO.

Regional

Miller, N. C., Elder, A. E., & Brenner, D. (2017, November). *Comparing supervisors' satisfaction with alternately and traditionally prepared teacher interns*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Starkville, MS.

Miller, N. C., Anthony, K. V., & Binford, P. E. (2017, November) *Developing and Implementing Primary Sources Curriculum: Benefits and Challenges*. Paper presented at the annual meeting of the Mid-South Educational Research Association, Starkville, MS.

Anthony, K. V., & **Miller, N. C.** (2014, November). *Teaching with Primary Sources intervention: Influencing preservice teachers' historical thinking*. Paper presented at the Annual meeting of the Mid-South Educational Research Association, Knoxville, TN.

State

Banker, D. A., & **Miller, N. C.** (2011, April). *21st Century Threshold from Pedagogy to Practice: A Practical Application for Teacher Training.* Paper presented at the UNC Teaching and Learning with Technology Conference. *Second Life Virtual World*.

Xie, K., **Miller, N. C.,** & Allison, J. R. (2011, February). *A Social Evolution Framework for Online Collaborative Learning Activities.* Paper presented at the annual meeting of the Mississippi Educational Computing Association, Jackson, MS.

Miller, N. C., Baine, S., & Xie, K. (2010, February). *Using Second Life for Virtual Professional Development and Networking.* Paper presented at the annual meeting of the Mississippi Educational Computing Association, Jackson, MS.

Baine, S., **Miller, N. C.** & Xie, K. (2010, February). *Expanding Students' Worldview: Study Abroad Through Virtual Reality.* Paper presented at the annual meeting of the Mississippi Educational Computing Association, Jackson, MS.

Posters

National

Binford, P. E., Anthony, K. A., & **Miller, N. C**. (2025, December). *It is not a waste of time! The history of guano use in the United States through visual discovery*. Poster Presentation at the *National Council for the Social Studies,* Washington, D. C.

Miller, N. C., & Cummings, N. (2025, November). *Exploring Ancient Egyptian Afterlife: Teaching with Emerging Technologies*. Poster Presentation at the *N*ational Council for the Social Studies, Washington, D. C.

Miller, N. C., Osbon, E. R., & McCarthy, W. (2024, November 21). *Virtual Reality and Primary Sources: Bringing History to Life*. Poster session presented at the National Council for the Social Studies Conference, Boston, MA.

Miller, N. C. (2023, December 1). *Engaging students with extended reality in world history*. Poster session presented at the National Council for the Social Studies Conference, Nashville, TN.

Miller, N. C. (2021). *Augmented Reality, Google Expeditions, and the Printing Press* at National Council for the Social Studies. (cancelled)

Anthony, K.V., **Miller, N. C.,** & Binford, P. (2020, December). *Unmasking Professional Development Moving from Face-to-Face to Hybrid Delivery* at National Council for the Social Studies, Virtual.

Miller, N. C., Anthony, K.V., & Binford, P. (2020, March). *TPS Mississippi: Primary Sources in VR, AR, and Stereographs.* Poster presented at National Council for History Education, Cleveland, OH.

Anthony, K. V., **Miler, N. C.**, & Binford, P. E. (2019, November). *King Tut: Putting the Reality into the Virtual*. Poster presented at the annual meeting of the National Council for the Social Studies, Austin, TX.

Miler, N. C., Binford, P. E., & Anthony, K. V. (2018, November). *Teaching with Primary Sources Mississippi*. Poster presented at the annual meeting of the National Council for the Social Studies, Chicago, IL.

Anthony, K. V., **Miller, N. C.**, & Binford, P. E. (2017, November). *Teaching with Primary Sources Mississippi – A Grades 3-12 Curriculum*. Poster presented at the annual meeting of the National Council for the Social Studies, San Francisco, CA.

Moser, K., Ivy, J., & **Miller, N. C.** (2016, November). *Standards-based units for middle level instruction: Focusing on connections*. Electronic poster presented at the annual meeting of the American Council on the Teaching of Foreign Languages, Boston, MA.

Miller, N. C, Thompson, N. T., Cook, C., Howell, P., Faulkner, S., & Rintama, M. (2016, April). *The Complexities of Middle Level Teacher Certification: Status Report and Future Directions*. Poster presented at the annual meeting of the American Educational Research Association, Washington, D.C. Refereed.

Miller, N. C., & Anthony, K. V. (2015, November). *Web 2.0 tools to scaffold inquiry about women's suffrage.* Poster presented at the annual meeting of the National Council for Social Studies Annual Conference, New Orleans, LA.

Anthony, K. V., & **Miller, N. C.** (2015, April). Engaging elementary/middle level teacher candidate's with primary sources. Poster presented at the Annual meeting of the American Educational Research Association, Chicago, IL.

Miller, N. C. (2014, April). *Claiming Unclaimed Space: Virtual Spaces for Learning.* Poster presented at the Annual meeting of the American Educational Research Association, Philadelphia, PA.

Regional

McGregor, S., **Miller, N. C.**, Cole, K., & Elder, A. (2017, November). *Educator Usage of Technology in Mississippi Classrooms*. Poster presented at the annual meeting of the Mid-South Educational Research Association, Starkville, MS.

State

Miller, N. C. (2011, April). *Using virtual worlds: Teaching effective classroom arrangement for the middle school classroom.* Poster presented at the UNC Teaching and Learning with Technology Conference, *Second Life*.

Franz, D. P., Thompson, N. L., & **Miller, N. C.** (2008, April). *National middle grades research project on common planning time: Discussion of the use of protocols and preliminary findings*. Poster presented at the College of Education Annual Research Forum. Mississippi State, MS.

Miller, N. C., Thompson, N. T., & Franz, D. P. (2008, April). *Perceptions of Middle Level Teacher Preparation in Mississippi*. Poster presented at the College of Education Annual Research Forum. Mississippi State, MS.

Thompson, N. L., & **Miller, N. C.** (2008, April). *Voices and Visions from Michigan's American Indian Head Start Programs: A PhotoVoice Research Project*. Poster presented at the College of Education Annual Research Forum. Mississippi State, MS.

Presentations

National

Smith, K. O., & **Miller, N. C.** (2025, November). *Evaluating AI in Action: Pre-Service Teachers' Evaluations of AI-Generated Lesson Plans*. National Professors of Middle

Level Education at the Association for Middle Level Education Conference. Indianapolis, IN.

Wall, A., Williams, T., **Miller, N. C.,** & Pinter, H. (2025, November). *Innovative Clinical Experiences for Middle Level Teacher Candidates.* National Professors of Middle Level Education at the Association for Middle Level Education Conference. Indianapolis, IN.

Eisenbach, B., Coleman, B., & **Miller, N. C.** (2025, November). *Centering Young Adolescents in Virtual Middle Grades Education*. National Professors of Middle Level Education at the Association for Middle Level Education Conference. Indianapolis, IN.

Miller, N. C., Brown, J.*, DeGraw, L.*, & Lermer, C.* (2025, November). *Emerging Technologies (AR, 360 VR, and 3D printing) to Make Ancient Egypt Come to Life*. Association for Middle Level Education Annual Conference. Indianapolis, IN.

Miller, N. C., & Lermer, C.* (2025, November). *More Making Thinking Visible for Social Studies Teachers*. Association for Middle Level Education Annual Conference. Indianapolis, IN.

Miller, N. C., DeGraw, L.*, McBrayer, B.*, Brown, J.*, & Lermer, C.* (2025, November). *Step Into the Exhibit: Designing Virtual Museums for Teaching and Learning*. Association for Middle Level Education Annual Conference. Indianapolis, IN.

Garland, E., Jamison, B., & **Miller, N. C.** (2025, November). *Middle school math: Supporting executive functioning through evidence-based practices*. Association for Middle Level Education Annual Conference. Indianapolis, IN.

Miller, N. C., & Groeschen, E*. (2024, November). *Thinking Routines to Make Thinking Visible for Teaching with Primary Sources.* Association for Middle Level Education Conference. Nashville, TN. *Undergraduate student.

Miller, N. C., & Smith, K. O. (2024, November). Getting Elementary/Middle Level Teacher Candidates to Evaluate Thinking in Planning and Assessment in the Age of AI. National Professors of Middle Level Education at the Association for Middle Level Education Conference. Nashville, TN.

Miller, N. C., Brenner, D. B., Alley, K. A., Smith, K. O., & Tullos, A. (2022, October). *A Rural School-University Collaboration.* National Rural Education Association. Green Bay, WI.

Alley, K. A., **Miller, N. C.,** & Smith, K. O. (2022, November). *Covid and Beyond: Supporting Middle Level Teacher Candidate Self-Care*. National Professors of Middle Level Education at the Association for Middle Level Education Conference. Orlando, Fl.

Smith, K. O., Alley, K. A., & **Miller, N. C.** (2022, November). *Partnership School: A Unique Rural Middle School-University Collaboration*. National Professors of Middle Level Education at the Association for Middle Level Education Conference. Orlando, Fl.

Miller, N. C. (2022, November). *Explore the World: Using Primary Sources and Google Earth to Contextualize History*. Association for Middle Level Education Conference. Orlando, Fl.

Binford, P., Anthony, K., **Miller, N**., Levitt, S., & Szwajkowski, C. (2020, March). *Exploring American Labor History with Primary Sources Using the Visual Discovery Strategy.* Session presented at National Council for History Education, Cleveland, OH.

Miller, N. C. (November, 2019). *Put the World in the hands of your students! Augmented Reality for Social Studies*. Presented at the Association for Middle Level Education Annual Conference, Nashville, TN.

Miller, N. C., Binford, P. E., & Anthony, K. V. (2018, November). *Examining Historical Empathy through the Chinese Exclusion Act*. Presented at the annual conference of the National Council for the Social Studies, Chicago, IL.

Binford, P. B. & **Miller, N. C.** (2018, November). *Cold Case: 03051770*. Presented at the annual conference of the National Council for the Social Studies, Chicago, IL.

Miller, N. C. (2018, October). *Moving beyond the middle school classroom: From classroom teacher to college professor*. Panel discussion at the Association for Middle Level Education Annual Conference, Orlando, FL.

Faulkner, S., Howell, P., **Miller, N. C.,** Cook, C., Thompson, N. T., & Rintamaa, M. (2018, October). *Directions in middle level education research*. Round table presentation at the Association for Middle Level Education Annual Conference, Orlando, FL.

Miller, N. C. & Anthony, K. V. (2016, October). *Primary Sources: Leveraging the Library of Congress and Web 2.0 Tools to Scaffold Inquiry*. Presented at the annual meeting of the Association for Middle Level Education, Austin, TX.

Tawater, K., Elder, A., Seymour, D., **Miller, N. C.**, & Cheatham, D. (2016, March). *Increasing retention through professional learning communities*. Presented at the annual meeting of the National Association for Alternative Certification, New Orleans, LA.

Elder, A., Tawater, K., **Miller, N. C.,** Cheatham, D., & Seymour, D. (2016, March). *Supporting geographically disperse students*. Presented at the annual meeting of the National Association for Alternative Certification, New Orleans, LA.

Seymour, D., Elder, A.D., **Miller, N. C.** & Cheatham, D. (2015, November). *The Promise of Online Teacher Preparation for Rural and High-Need Schools: Lessons Learned About Recruitment, Preparation, and Support.* Roundtable presented to the annual meeting of E-Learn, Kona, HI.

McCadney Brown, S. **& Miller, N. C.** (2014, November). *Affordances of Social Media: An Examination of Developmental Characteristics as Factors Influencing Interest and Use by Young Adolescents*. Presented at the annual meeting of the Association for Middle Level Education, National Association of Professors of Middle Level Education (NaPOMLE) Best Practices Session. Nashville, TN.

Thompson, N. T., & **Miller, N. C**. (2014, November). *Teaching Online: Challenges Associated with Teaching Controversial Issues in an Online Middle Level Education Course at a*

*Rural, Southern University***.** Presented at the Annual meeting of the Association for Middle Level Education. Nashville, TN.

Miller, N. C., Anthony, K. V., & Bennett, S. (2014, November). *Opening the Door to Inquiry: Teaching with Visual Primary Sources.* Presented at the annual meeting of the Association for Middle Level Education. Nashville, TN.

Miller, N. C., Brenner, D. G., & Alley, K. (2014, October). *Beyond the PLC: Professional Learning Networks for Rural Educators.* Presented at the National Rural Education Association Annual Convention. San Antonio, TX.

Alley, K., **Miller, N. C.,** & Brenner, D. G. (2014, October). *Academic Social Networking: Advancing Meaningful Discussion One Tweet at a Time*. Presented at the National Rural Education Association Annual Convention. San Antonio, TX.

Miller, N. C. (2013, November). *Demystifying the Professoriate, Invited.* Presented at the annual meeting of the Association for Middle Level Education, Minneapolis, MN.

Miller, N. C., Allison, J. R., & Xie, K. (2012, March). *Choice and Play, Versus Structure in Supporting New SL Users*. Presented at the Virtual Worlds Best Practices in Education. Second Life Virtual World.

Miller, N. C., Thompson, N. L., & Franz, D. P. (2008, March). *National middle grades research project on common planning time: Discussion of the use of protocols and preliminary findings*. Presented at the annual conference of the American Educational Research Association. New York. Presented as part of: Mertens, S.B., Roney, K., Anfara, V.A., Jr., Caskey, M. M. (2007). National Middle Grades Research Project: Common planning time training manual. Washington, DC: Middle Level Education Research, a Special Interest Group of the American educational Research Association. (Invited).

Seed, A., Thompson, N. L. & **Miller, N. C.** (2013, November). *Classroom Climate Change for the Common Core.* Annual meeting of the Association for Middle Level Education, Minneapolis, MN.

Thompson, N. L. & **Miller, N. C.** (2013, November). *Engage, Empower, Motivate: Using Photovoice to Cultivate School and Community Environments*. Annual meeting of the Association for Middle Level Education, Minneapolis, MN.

Miller, N. C. (2012, November). *Using Technology to Boost Your Professional Learning and Social Support Networks*. Annual meeting of the Association for Middle Level Education, Portland, OR.

State

Miller, N. C. (2021, February). *Introduction to the Library of Congress: Teaching with Primary Sources Using Library of Congress Online Resources*. Presented at the Mississippi Professional Educators Virtual Training. Online.

Miller, N. C. (2021, February). *Making Thinking Visible Routines: Teaching with Primary Sources Using Library of Congress Online Resources*. Presented at the Mississippi Professional Educators Virtual Training. Online.

Anthony, K.V., Binford, P. E., & **Miller, N. C**. (2020, November). *Using the Explanation Game to Engage Students with Primary Sources.* Presented at the fall professional development event for the Mississippi Department of Archives and History. Online.

Anthony, K. V., Binford, P., & **Miller, N. C.** (2017, April). *Teaching with Primary Sources – Mississippi: Library of Congress Primary Sources Curriculum for Mississippi Classrooms*. Presented at the College of Education Annual Research Forum. Mississippi State, MS.

Chambless, K., Moser, K., & **Miller, N. C.** (2014, May). *The Use of Virtual Worlds in Pre-service Teacher Development*. Presented at the University of Alabama Scholar Institute. Tuscaloosa, AL

Thompson, N., & **Miller, N. C.** (2011, April). *Understanding the importance of Head Start in Michigan's nine American Indian communities: A photovoice project*. Pennsylvania State University, PA. (Invited)

Refereed Conference Proceedings

National

Anthony, K., **Miller, N.** & Binford, P. (2020). Perspectives: Reaching Rural Educators with Hybrid Online Professional Development. In T. Bastiaens & G. Marks (Eds.), *Proceedings of Innovate Learning Summit 2020* (pp. 505-510). Association for the Advancement of Computing in Education (AACE). Retrieved September 3, 2021 from https://www.learntechlib.org/primary/p/218845/.

Seymour, D., Elder, A., **Miller, N. C.,** & Cheatham, D. (2015). The Promise of Online Teacher Preparation for Rural and High-Need Schools: Lessons Learned About Recruitment, Preparation, and Support. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 1624-1629). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Anthony, K. V., **Miller, N. C**., & R. Smith. (2013). Preservice elementary teachers' economic literacy: Are they ready to teach economics concepts? *The International Society for the Social Studies Annual Conference Proceedings*, (pp. 146-155). Orlando, FL: The International Society for the Social Studies.

PRESENTATIONS

National

Turner, V., Alexander, C., **Miller, N. C.,** & Waitley, K. (2007, June). *Professional Development at a CA School to Watch.* National Schools to Watch Conference. Washington D.C.

State

Miller, N. C. (August, 2023). *A Few of My Favorite Things: Getting Started with Strategies and Resources from the Library of Congress and TPS Mississippi*. Presented at the TPS Mississippi Fall Event, Online.

Miller, N. C. (January, 2023). *A Few of My Favorite Things: Getting Started with Strategies and Resources from the Library of Congress and TPS Mississippi*. Presented at the TPS Mississippi Winter Event, Online.

Miller, N. C. (July, 2022). *Making Thinking Visible*. Back to School Professional Development - Partnership Middle School (Invited). Starkville, MS.

Miller, N. C. (July, 2022). *Building Your Social Studies Toolbox*. Back to School Professional Development - Partnership Middle School (Invited). Starkville, MS.

Miller, N. C. (August, 2022). *Google Earth Tours and Primary Sources*. Presented at Rankin County School District, Rankin, MS.

Miller, N. C. (February, 2022). *Google Earth Tours and Primary Sources*. Presented at the Mississippi Educational Computing Association, Jackson, MS.

Miller, N. C. (January, 2022). *Google Earth Tours and Primary Sources*. Presented at the TPS Mississippi Winter Event, Online.

Miller, N. C. (February, 2021). *Technology Tools to Support Learning and Focus*. Middle Block Seminar. Starkville, MS.

Miller, N. C. (December, 2021). *Young adolescent mind*. Partnership Middle School (Invited). Starkville, MS.

Miller, N. C. (March, 2021). *Teaching with Primary Sources Network – Social Networking for Primary Sources.* Presented at the TPS Mississippi Spring Event, Online.

Miller, N. C. (March, 2021). *Engaging with Technology and Web 2.0 to Teach with Primary Sources.* Presented at the TPS Mississippi Spring Event, Online.

Miller, N. C. (October, 2020). *Engaging with Technology and Web 2.0 to Teach with Primary Sources.* Presented at the TPS Mississippi Fall Event, Online.

Miller, N. C. (October, 2020). *Welcome and Overview of the Library of Congress.* Presented at the TPS Mississippi Fall Event, Online.

Miller, N. C. (August, 2020). *Teaching "Live". Tools and Best Practices.* Presented to Mississippi State University interns.

Miller, N. C. (August, 2020). *Teaching with Canvas: Tools and Best Practices.* Presented to Mississippi State University interns.

Miller, N. C. (August, 2020). *Teaching with Schoology and Teams. Tools and Best Practices.* Presented to Mississippi State University interns.

Miller, N. C. (October, 2019). *What is middle school?* Presented at the Mississippi Association for Middle Level Education Annual Conference. Natchez, MS. (Invited)

Miller, N. C. (October, 2019). *Tech exploration? Time to examine augmented and virtual reality – applications for science and social studies.* Presented at the Mississippi Association for Middle Level Education Annual Conference. Natchez, MS.

Miller, N. C. (October, 2019). *Young adolescent development*. Presented at the Mississippi Association for Middle Level Education Annual Conference. Natchez, MS.

Miller, N. C. (October, 2019). *Teaching with Primary Sources – Making Thinking Visible.* Presented at the Mississippi Association for Middle Level Education Annual Conference. Natchez, MS.

Miller, N. C. (October, 2019). *Young adolescent development*. New Teacher Summit (Invited). Starkville, MS.

Miller, N. C. (February, 2019). *EdCamp – Informal technology exploration*. Presented at the Mississippi Association for Middle Level Education Winter Workshop. Hattiesburg, MS.

Miller, N. C. (February, 2019). *Teaching with primary Sources: Engaging with the new MS standards*. Presented at the Mississippi Association for Middle Level Education Winter Workshop. Hattiesburg, MS.

Miller, N. C. (November, 2018). *What is Middle School?* Mississippi Association for Middle Level Education. Jackson, MS.

Miller, N. C. (November, 2018). *Teaching with Primary Sources – Engaging with the New MS Standards*. Mississippi Association for Middle Level Education. Jackson, MS.

Miller, N. C. (October, 2018). *Integrating Technology for Teaching with Primary Sources*. Mississippi Council for the Social Studies Annual Conference. Columbus, MS.

Miller, N. C. (October, 2018). *Introduction to the Library of Congress*. EDE 4143 – Social Studies Methods. Starkville, MS.

Miller, N. C. (August, 2018). *Introduction to the Library of Congress and Teaching with Primary Sources*. Teaching with Primary Sources Professional Development in Rankin County School District. Rankin County, MS.

Miller, N. C. (June, 2018). *Introduction to the Library of Congress and Teaching with Primary Sources*. Teaching with Primary Sources Professional Development in Collaboration with the U. S. Grant Presidential Library. Mississippi State, MS.

Miller, N. C. (June, 2018). *TPS Teachers Network – An Introduction*. Teaching with Primary Sources Professional Development in Collaboration with the U. S. Grant Presidential Library. Mississippi State, MS.

Miller, N. C. (June, 2018). *Differentiating Primary Sources*. Teaching with Primary Sources Professional Development in Collaboration with the U. S. Grant Presidential Library. Mississippi State, MS.

Miller, N. C. (February, 2018). *Making Thinking Visible with Primary Sources*. Mississippi Council for the Social Studies Winter Workshop. Starkville, MS.

Miller, N. C. (February, 2018). *Introduction to the Library of Congress*. EDE 4143 – Social Studies Methods. Starkville, MS.

Miller, N. C. (February, 2018). *Introduction to the Library of Congress*. Teaching with Primary Sources Mississippi in Collaboration with the Mississippi Department of History and Archives Professional Development. Starkville, MS.

Miller, N. C. (January, 2018). *Technology to Support Focus*. Middle Block Seminar. Starkville, MS.

Miller, N. C. (October, 2017). *Web 2.0 Tools and Apps to Engage Students with Primary Sources*. Mississippi Association for Middle Level Education. Bay St. Louis, MS.

Miller, N. C. (October, 2017). *Orientation to the Library of Congress*. Mississippi Council for the Social Studies. Starkville, MS.

Miller, N. C. (October, 2017). *Web 2.0 Tools and Apps to Engage Students with Primary Sources*. Mississippi Council for the Social Studies. Starkville, MS.

Miller, N. C. (October, November, 2017). *Making Thinking Visible – Routines for Digging Deeper into Ideas*. Starkville Oktibbeha Consolidated School District. Starkville, MS.

Miller, N. C. (September, 2017). *Technology to Support Focus*. Middle Block Seminar. Starkville, MS.

Miller, N. C. (April, 2017). *Review - Making Thinking Visible*. Starkville Oktibbeha Consolidated School District. Starkville, MS.

Miller, N. C. (February, 2017). *Introduction to Making Thinking Visible*. Winter Professional Development Conference, Mississippi Council for the Social Studies. Starkville, MS.

Miller, N. C. (March, 2017). *Schools to Watch – Examining Middle School Practices for School Improvement*. Mississippi Education Partnership Conference. Jackson, MS.

Miller, N. C. (December, 2016). *Boot camp: Technology tools and TaskStream.* Starkville, MS.

Miller, N. C. (August 2, 2016). *Middle School…Being Developmentally Responsive AKA – Really…there is sometimes a reason for why they do what they do...OR AKA...seek to understand.* Starkville, MS .

Miller, N. C., Borland, D., Styles, R., & Quinn, B. (March 2016). Technology integration: Applications and considerations for practice. Mississippi Association for Middle Level Education. Jackson, MS.

Ivy, J., & **Miller, N. C.** (2015, July). *Web 2.0 and Apps for Foreign Language Educators*. World Language Educators. Starkville, MS.

Miller, N. C. (2015, May). *Schooling for Young Adolescents*. Guest lecture for Mississippi Excellence in Teaching Program. Starkville, MS.

Anthony, K. V., & **Miller, N. C.** (2015, June). *It's your library: Using Library of Congress material in your classroom to teach historical thinking*. A seminar for Teaching with Primary Sources Mississippi. Ridgeland, MS.

Anthony, K. V., & **Miller, N. C.** (2015, March). *It's your library: Using Library of Congress material in your classroom to teach historical thinking*. Annual meeting of the Mississippi Association for Middle Level Education. Vicksburg, MS.

Miller, N. C. (2014, August). Understanding young adolescents. Southern Christian Services Mini-Conference (for parents of foster children). Starkville, MS.

Miller, N. C. (2014, April). *The middle years*. Guest lecture for Mississippi Excellence in Teaching Program. Starkville, MS.

Miller, N. C. & Patterson, A. (2014, March). *Extending your professional learning network: Technology for professional development.* Mississippi Association for Middle Level Education. Tupelo, MS.

Anthony, K. & **Miller, N**. (2013, October). *Using primary sources to inject the common good into common core.* Session presented at the Mississippi Council for the Social Studies Fall Conference. Natchez, MS.

Anthony, K. V., & **Miller, N. C.**, (2013, February). *Using primary sources to inject the common good into the Common Core.* Mississippi Council for the Social Studies Winter Professional Development Conference. Starkville, MS.

Anthony, K. V., & **Miller, N. C.**, (2013, February). *Social studies: Injecting common good into the Common Core.* Mississippi Association for Middle Level Education. Bay St. Louis, MS.

Miller, N. C. (2013, February). *Twitter for Teachers*. Mississippi Association for Middle Level Education. Bay St. Louis, MS.

Miller, N. C. (2013, February). *Edmodo for the Classroom*. Mississippi Association for Middle Level Education. Bay St. Louis, MS.

Miller, N. C. (2011, March). *Teaching and Learning in Second Life*. Mississippi State University. Integrating Technology for Learning Course. Dr. Kui Xie. Starkville, MS.

Miller, N. C., Allison, J., & Xie, K. (2011, February). *Moodle and Edmodo in the Secondary Classroom.* Annual meeting of the Mississippi Educational Computing Association. Jackson, MS.

Allison, J., **Miller, N. C.,** & Xie, K. (2011, February). *Using Dropbox and Google Docs to Promote Collaboration.* Annual meeting of the Mississippi Educational Computing Association. Jackson, MS.

Miller, N. C. (2010, June). *Teaching and Learning in Second Life*. Mississippi State University, Integrating Technology for Learning Course. Dr. Kui Xie. Starkville, MS.

Turner, V., Alexander, C., **Miller, N.C.**, & Waitley, K. (2007, April). *Social Equity at a CA School to Watch.* California League of Middle Schools. San Diego, CA.

Alexander, C., & **Miller, N. C.** (2002, April). *West Africa – Meeting the Standards.* California League of Middle Schools. San Diego, CA.

Miller, N. C. (2007, May) *The Use of Wiki Technology to Enhance Script Writing and Assignment Completion*. Paper presented at the 2007 Educational Technology Cohort Presentation. California State University, Northridge.

SCHOLARSHIP

Grants and Funding

Proposals Submitted: 13 (with one additional grant added as Co-PI – TERMS grant listed below, but not reflected in amount listed here)

Proposals Funded:	$1,625,680.94
Proposals Pending:	$499,932
Total:	$2,125,612.94

Pending

Title: Collaborative Research: Designing Intelligent Learning Technologies for Early Adolescents: Embodiment, Tangibility, and Agent Roles in AI Education
Funding Requested: $499,932
Investigators: Scassellati Bethel, C., & **Miller, N. C.**
Source: National Science Foundation
Submitted: July 2026

Unfunded

Title: *Teaching with Primary Sources Mississippi: American History and Civics Education*
Funding Requested: $1,505,585.00
Investigators: Binford, P. B., Anthony, K. V., **Miller, N.C.,** & McMullan, L. A.
Source: U.S. Department of Education
Submitted: July 2023. Unfunded.

Completed

Title: *Teaching with Primary Sources Mississippi Teacher Development*
Funding: $29,984
Investigators: **Miller, N.C.,** Binford, P. B., & Anthony, K. V.
Source: Midwest – regional – Library of Congress
Timeline: August 2022-December 2023

Title: *Teaching with Primary Sources Mississippi*
Funding: $998,596.00
Investigators: Anthony, K. V. (PI), Binford, P. B. (Co-PI), & **Miller, N. C.** (Co-PI)
Source: Library of Congress Teaching with Primary Sources
Timeline: Awarded October 2016, renewed 2017, 2018, 2019, and 2020. No cost extension, 2021-2022.

Title: *Graduate Recruitment Assistance Grant*
Funding: $5,000
Investigators: **Miller, N.C.**, & Robichaux-Davis, R.
Source: Mississippi State University Graduate School
Timeline: Awarded October 2021

Title: *GEER Mississippi Pandemic Teaching Statewide Report*
Funding: $368,167.44
Investigators: Javorsky, K. Alley, K., Fondren, K., Hopper, P., Lemley, S., & **Miller, N.C.**
Source: United States Department of Education, Governor's Emergency Education
Timeline: December 2020-December 2021

Title: *Graduate Recruitment Assistance Grant*
Funding: $19,000
Investigators: **Miller, N.C.**, & Robichaux-Davis, R.
Source: Mississippi State University Graduate School
Timeline: Awarded October 2020

Title: Leveraging Technology to Better Prepare Teacher Candidates to Educate Young Adolescents
Funding: $2,933.50
Investigators: **Miller, N. C.**
Source: Schillig Special Teaching Projects Grant
Timeline: April 2017 – May 2018

Title of Project: SSILTT 2016: Science and Social Studies Integration with Literacy and Technology for Teachers
Funding: $90,000
Investigators: Alley, K., Chappell, M., Lemley, S., **Miller, N. C.**, Anthony, K. V., & Osman, J.
Source: Mississippi Board of Trustees of State Institutions of Higher Learning
Dates: Grant submitted November 2015. Dr. Kathleen Alley is the PI of this grant.

Title: SSILTT 2015: Science and Social Studies Integration with Literacy and Technology for Teachers
Funding: $90,000.00.
Investigators: Alley, K., Slater, L., **Miller, N. C.,** Osman, J
Source: Mississippi Board of Trustees of State Institutions of Higher Learning. No Child Left Behind: Improving Teacher Quality
Timeline: 2014-2015

Title: Teaching with Primary Sources Mississippi
Funding: $20,000
Investigators: Anthony, K. V. & **Miller, N. C.**
Source: Library of Congress Teaching with Primary Sources Midwest Regional Grant
Timeline: 2013 – 2015; extended until December 2016

Title: Teacher Education for Rural Middle Schools (TERMS)
Funding: $3.2 million
Investigators: Brenner, D., Elder, A., & **Miller, N. C.**
Source: U.S. Department of Education
Timeline: 2011 – 2016 (Became Co-PI in 2014)

Title: Increasing Elementary Educators Economic Efficacy
Funding: $2,000
Investigators: **Miller, N. C.**
Source: Cross-College grant
Timeline: 2012

Title: Travel Grant to attend American Educational Research Association annual conference
Funding: $1,000
Investigators: **Miller, N. C.**
Source: Mississippi State University Travel Assistance Grant for Graduate Students
Timeline: 2010

TEACHING

2007-present **Mississippi State University**

Undergraduate:

EDE 3223: Middle Level Education: Face-to-Face and Online
EDE 2521: Introduction to Elementary Education: Face-to-Face and Online
EDE 4883: Managing the Elementary and Middle Level Classroom Face-to-Face and Online
EDS 3411: Practicum in Secondary Education: Face-to-Face

Graduate:

EDE 8713: Educating Young Adolescents: Face-to-Face
EDE 8113: Middle Level Management and the Young Adolescent: Online
EDE 8153: Professional Roles of the Middle Level Educator: Online
EDS 8243: Advanced Planning and Managing of Learning: Online
EDE/EDS 8990: Teaching with Primary Sources

Supervision of Teaching Internship (EDS/EDE 4886/4896; EDE 8133/8123)

Other: Center for Teaching and Learning: Active Learning for Student Engagement

Teaching assistant: EDE 8990, Special Topics: Educating Young Adolescents; EDE 3223: Middle Level Education Online

2001-2007 **Los Angeles Unified School District**
Middle school teacher
Social studies, introduction to computers, technology education, yearbook

Mentoring and Advising

Graduate Advising

Ph.D., Curriculum and Instruction

Pannell, M. (Dissertation Co-Chair) *What really works in teacher preparation programs: Teacher's self-efficacy and perceived successful methods after participation in Mississippi's career and technical education alternate route program*. Defended June 2, 2016.

Burton, B. (Dissertation Co-Chair) *Perceptions of ELA teachers on their preparedness for implementing technology-dependent standards*. Defended April 22, 2016.

McCadney, S. (Dissertation Co-Chair) *Interactive whiteboards and TPACK for technology-enhanced learning: Secondary mathematics teachers' beliefs, barriers, and support needs in one rural school district*. Defended June 24, 2015.

Jordan, B. (Committee Member). *Why become a teacher? Perspectives from undergraduate students majoring in mathematics education*. Defended September 24, 2025.

Smith, K. (Committee Member) *An examination of teacher candidates' planning processes as they seek to integrate technology into disciplinary literacy instruction.* Defended, February 6, 2024.

McGregor, S. (Committee Member) *Marxist analysis of social and economic narratives in children's cartoons*. Defended March 6, 2023.

Davidson, S. (Committee Member) *A case study of an elementary school's reading assessment practices while implementing Response to Intervention*. Defended February 24, 2015.

Chappell, M. (Committee Member) *Teacher's understandings and attitudes about argument and the effects of an extended professional development*. Defended September 26, 2017.

Undergraduate Advising

- 25-40 undergraduate advisees per semester – individual advising appointments each semester (~30 minutes each) or group advising once in Phase 2 of our program.
- Extensive advising via email.

Mentoring

- Instructors for EDE 3223
  - H. Anna Holmes – Lecturer, Online
  - Ksenia Zhbanova – Meridian Faculty
  - Carrie McMillen – Lecturer

    - Hope Durst – Lecturer, Online
    - Alysia Holley – Lecturer, Online and Face-to-Face
    - Nicki Mulrooney – Lecturer
    - Myra Pannell – Lecturer
    - Shane Davis – Lecturer
    - Lenora Hogan – Lecturer
    - Angela Hobart – Lecturer
- Instructors for EDE 8153
    - Nicki Mulrooney – Lecturer
    - Angela Mulkana – Lecturer
- New faculty support with advising (Kathleen Alley, Stephanie Lemley, Chelsi Brasher, Dena Nobles, Kristin Javorsky, Netasha Cummings)
- Yan Campbell – Online /Canvas

ACADEMIC SERVICE

National Service

2025 – 2028 Research Advisory Committee, Association for Middle Level Education.

2022 – 2024 Treasurer, Middle Level Education Research Special Interest Group

2020 – 2022 Council Member, Middle Level Education Research Special Interest Group

2014 – present Webmaster, Middle Level Education Research Special Interest Group, The American Educational Research Association.

2014 – present Member of the Research and Higher Education Committee of the National Rural Education Association.

2016 – 2017 Co-Editor, The Chronicle of Middle Level Education, a publication of the Middle Level Education Research Special Interest Group, The American Educational Research Association.

2013 - 2015 Council Member, Middle Level Education Research Special Interest Group, The American Educational Research Association.

2011 - 2012 Member of the Editorial Board, Applied Research in Virtual Worlds Research Special Interest Group, The American Educational Research Association

Wiki manager, Applied Research in Virtual Worlds Research Special Interest Group, The American Educational Research Association

2009 - 2012 Graduate Student Representative, Middle Level Education Research Special Interest Group, The American Educational Research Association

2010 Member, Graduate Student Council Election Committee, The American Educational Research Association

2010 Member, Planning Committee, *Re-create, Educate, and Illuminate - Learning History Virtually, Virtual Pioneer History Conference*, October 28-29, 2010, Second Life

2010 Co-Chair; GSC Division C Fireside Chat: Motivated Learning for Academic and Career Success, The American Educational Research Association, Denver.

2009 Co-Chair; GSC Division C Fireside Chat: What Good Is Research on Learning and Instruction? Applying the Science of Learning, The American Educational Research Association, San Diego.

2008 - 2010 Graduate Student Council Representative, Division C, The American Educational Research Association

State Service

2018- present National Geographic Society Mississippi Advisory Board Member

2022-2024 Board Member, Mississippi Educational Computing Association

2018-2019 Board Member, Mississippi Association for Middle Level Education

2015-2018 Executive Director, Mississippi Association for Middle Level Education

2013-2015 IHL Representative, Mississippi Association for Middle Level Education

University, College, and Department Service

2025 – present Center for Teaching Innovation and Excellence / Associate Dean Search Committee

2025 – present Department of Teacher Education and Leadership Promotion and Tenure Committee

2024 – present Online Undergraduate Coordinator

2023-present Field Experience Committee, CISE Department

2023-present Curriculum Committee, CISE Department

2022 – present Center for Teaching and Learning/ Center for Innovation and Teaching Excellence Faculty Associate

2022-2022 Graduate Council, Substitute

2021-present Institutional Effectiveness Committee

2020-present University – Institutional Review Board

2018- College of Education – Faculty Council

2016- College of Education – Assessment Committee

2019-2021 College of Education – Partnership School Steering Committee

2018-2020 College of Education – Research Committee

2019-2020 Department – Mission Statement Committee

2018-2020 Schillig Teaching Grant Review Committee

2016-2018 Distance/Online Instructional Improvement Committee (Invited)

2014-2017 Teaching Evaluation Committee

2014-2016 College of Education – UGEAC Committee

2014-2015 Department – Sabbatical Leave Committee

2014-2015 NCATE, Standards 1 and 2 Committee

2012-2014 Department - Distance Education

2012-2014 College of Education - Technology Committee

2012-2013 Department Mission 2020 Committee

Reviewing for Journals and Conferences

2025 Reviewer, Proposals for the Association for Middle Level Education Annual Conference

2025 Reviewer, Proposals for the National Council for the Social Studies Annual Conference

2024 Co-editor, Issue 13, Volume 3 of the *Middle Grades Research Journal*.

2024 Reviewer, Proposals for the Association for Middle Level Education Annual Conference

2024 Reviewer, Education Sciences, Special Issue for the AERA Middle Level Education Research SIG

2022 Reviewer, Proposals for the Association for Middle Level Education Annual Conference

2020 – present Reviewer, *Action in Teacher Education*

2018 – present Reviewer for *Social Studies Research and Practice*

2017 – present Reviewer, Proposals for the National Council for the Social Studies Annual Conference

2016 – present Reviewer for the *Middle Grades Review*

2012 -present Reviewer, Research Proposals for the American Educational Research Association Annual Conference, Middle Level Education Research Special Interest Group

2010 - present Reviewer, *Middle School Journal*

2010 - present Reviewer, *Online Learning (Previously: JOLT)*

2008 - present Reviewer for the *Middle Grades Research Journal*

2012 – 2018 Reviewer *Journal of Virtual Worlds Education*

2010 - 2013 Member of the Editorial Review Board, *Research in Middle Level Education Online*

2013 Reviewer, *Handbook of Middle Level Education*, Middle Level Education Research Special Interest Group, The American Educational Research Association

2008 - 2012 Member of the *Middle Grades Research Journal* Editorial Review Board

2011 Reviewer, Research Proposals for the American Educational Research Association Annual Conference, ARVEL SIG

2010 - 2012 Reviewer, *The Chronicle of Middle Level Education*

2009 Reviewer, *Handbook of Middle Level Education*, Middle Level Education Research Special Interest Group, The American Educational Research Association

2008 - 2009 Reviewer, Research Proposals for the American Educational Research Association, 2008 and 2009 Annual Conferences

Community Service

2012 - 2013 Columbus Municipal School District Educational Leadership Council

Other

2012 Invited presentation. California State University, Northridge Educational Technology Master's Cohort, Course: Special Topics in Educational Technology

MEMBERSHIPS

American Educational Research Association (AERA), 2007-present
Association for Middle Level Education (AMLE, formerly NMSA), 2007-present
National Association of Professors of Middle Level Education, 2012-present
National Council for the Social Studies, 2010-2025
National Rural Education Association, 2014-present
National Council for History Education, 2019-2021
International Society for Technology in Education (ISTE), 2004-2020

National Association for Alternative Certification, 2015-2018
Association for the Advancement of Computing in Education (AACE), 2009-2012
California League of Middle Schools (CLMS), 2003-2007

PROFESSIONAL GROWTH AND DEVELOPMENT

December 2025	Making Word, PowerPoint, and Existing PDF Documents Web Accessible (could not attend live session but participated in reviewing the video and practiced with making my syllabus accessible).
December 2025	Attended varied sessions at the National Council for the Social Studies Annual Conference. Integrating a few teaching activities (formative assessments) into EDE 3223 in the spring of 2026.
November 2025	Attended varied sessions at the Association for Middle Level Education Annual Conference. Integrated a new review game I learned into EDE 3223 in December 2025.
September 2025	SEC AI Collaboration Professional Learning Day.
May 2025	ClassVR K-12 Educational Setting Training, Imaginarium
March 2025	Attended varied sessions at the Society for Information Technology & Teacher Education (SITE) conference. Sessions I attended focused on using AI in teacher preparation. These sessions increased my background knowledge, state of literature, as well as thinking related to the impacts and challenges of using AI. One session that was particularly thought-provoking was given by Dr. Mishra.
February 2025	Kahoot! Teacher Talks, Online
Fall 2024	Insight Program. Center for Distance Learning. Mississippi State University.
November 2024	National Council for the Social Studies Annual Conference, Boston, MA.
November 2024	Association for Middle Level Education Annual Conference, Nashville, TN.
November 2024	Course Design Roundtable: Creating Meaningful Assessments. Center for Teaching and Learning, Mississippi State University
October 2024	RCR Ethical Implications of AI. Mississippi State University. Virtual
October 2024	Mississippi EPP High Leverage Practices Convening. Meridian, MS.
October 2024	Khanmigo for Educators Certification. Khan Academy, Virtual.
June 2024	American Educational Research Association – Professional Development – Artificial Intelligence uses in Education Research. Virtual.
January 2024	Course Accessibility 102: The Next Step – Asynchronous – Center for Distance Education, Mississippi State University
December 2023	National Council for the Social Studies Annual Conference, Nashville, TN.
November 2023	Association for Middle Level Education Annual Conference, National Harbor
August 2023	Peer Review in Canvas webinar, MSU
February 2023	Mississippi Educational Computing Association Annual Conference, Jackson, MS
Spring 2023	Promoting Active Learning, ACUE, Online.
January 2023	SOURCES Conference, UCF
December 2022	National Association for the Social Studies, Philadelphia, PA.
November 2022	Engage in Virtual Reality, MSU.
November 2022	Association for Middle Level Education Conference, Orlando, FL.

October 2022	National Rural Education Association Conference, Green Bay, WI.
September 2022	Engaging in Virtual Reality, MSU.
Fall 2022	Practical Teaching: Essential Teaching Practices, CTL-MSU, Online. (Semester Long)
February 2022	Mississippi Educational Computing Association, Jackson, MS.
February 2022	Publish and Flourish: Grant and Journal Writing with Tara Gray, MSU, Online.
January 2022	Kahoot! Certification, Bronze, Silver, Gold, Online.
November 2021	National Rural Education Association Conference, Online.
November 2021	Association for Middle Level Education Conference, Online.
October 2021	Project Alliance Mental Health Training
July 2021	Nearpod Camp Engage, Nearpod, Online.
May 2021	10 Things You Didn't Know You Could Do with Google Classroom. SimpleK12, Online.
	Google Classroom: Setting Up, Organizing, Archiving, and More!
March 2021	Mississippi Connects Summit, MDE, friEdTechnology, Online.
August 2021	Using Ouriginal – Information Technology Services, MSU, Starkville, MS
November 2020	Symposium Conference and Presentation Platform, Office of Research and Economic Development, MSU Online
September 2020	Creative Ways to Make Learning Fun and Interactive with Canvas, SimpleK12, Online
August 2020	Academic Integrity Online Webinar, Center for Distance Education, Starkville, MS
July 2020	REMOTE: The Connected Faculty Summit – ASU Online – Multiple Sessions
	10 Things You Didn't Know You Could Do with Google Classroom – SimpleK12, Online
	Game-Based Learning with Google! – SimpleK12, Online
	Groups in Canvas – ITS, Starkville MS
	Google Classroom: Setting Up, Organizing, Archiving, and More!
June 2020	Tech Camp for Teachers, Online – Gulfport Consortium, Multiple Sessions
May 2020	Active Learning in Your Online Course, CDE, Starkville, MS
	Using External Tools in Canvas, ITS, Starkville, MS
	Basic Accessibility in Your Online Course – CDE, Starkville, MS
	Pop Up History School – Hands on History: Korean War Scavenger Hunt, Gilder Lehrman Institute, Online
	Pop Up History School – Hands on History: Skirted Soldiers: The Women's Army Corps Online
April 2020	Earned Nearpod Certified Educator status.
March 2020	Work at Home Technology Toolkit
December 2019	AMLE Webinar – The Promise of Early Adolescence: Rethinking Middle Level Education to Reflect our Understanding of Adolescent Development
November 2019	Association for Middle Level Education Conference
	Nearpod for Higher Ed: Transforming Adult Learners into Active Learners
October 2019	Willingham – session – "Helping Students Regulate Their Learning, Starkville MS
April 2019	Nearpod Certified Educator
March 2019	Elevating and Celebrating Effective Teaching and Teachers - Golden Triangle (ECET2-GT) Convening.

February 2019	Draw it Magic: Captivate in all Subject Areas" – Nearpod Professional Development
January 2019	Exploring Possible Uses of Mixed Reality in Your Classroom, Starkville, MS
April 2018	Library of Congress Teaching with Primary Sources Consortium Meeting, Washington, D.C.
March 2018	Best Middle School Social Studies Teaching Practices Webinar – Association for Middle Level Education - Online Quality Matters - Course Activities and Learner Interaction – Lunch and Learn, Mississippi State University Virtual Worlds Best Practices in Education Conference - Online
February 2018	University of Idaho Transforming the Teaching & Learning Environment Virtual Conference - Distracting Distracted Digital Learners; A Closer Look: Smartphone Technology Driving Change in the Online Classroom - Online
November 2017	Association for Middle Level Education Annual Conference, Philadelphia, PA National Council for the Social Studies Annual Conference, San Francisco, CA Mid-South Educational Research Association Conference, Starkville, MS
April 2017	American Educational Research Association Annual Conference, San Antonio, TX
March 2017	Evaluating Teaching Effectiveness – PD Event – The Center for Teaching and Learning, Mississippi State University
November 2016	Association for Middle Level Education Annual Conference and Pre-Conference on Teacher Professional Preparation, Austin, TX
October 2016	Library of Congress Teaching with Primary Sources Consortium Meeting, Washington, D.C.
April 2016	Attended – No Researcher Left Behind: An Overview of the U.S. Department of Education's Funding Landscape and Other Potential Funding Sources for Educational Outreach and Research, Mississippi State University American Educational Research Association Annual Conference, Washington, D.C.
April 2015	American Educational Research Association Annual Conference, Chicago, IL National Association for Alternative Certification Annual Conference, Chicago, IL
March 2015	REL Central Webinar – Closing the Achievement Gap, Online Amie Dean – Classroom Management Seminar, Mississippi State University
December 2014	REL Central Webinar – Evaluation of Teacher Preparation Programs: Key Considerations and Methodological Issues, Online
November 2014	Association for Middle Level Education Annual Conference, Nashville, TN
October 2014	iPad for Researchers – Mississippi State University Library
August 2014	Edmodocon – Virtual Conference – Leveling Up Writing with Student Badges and Edmodo that! Unique Ways to Connect and Learn
July 2014	Building a Research Agenda Using Design-Based Research, Online
May 2014	Common Core State Standards Overview – Mississippi State University
April 2014	AERA Pre-Conference Session – Conducting Qualitative Research that Includes Online Spaces: An Interactive Course, Philadelphia, PA American Educational Research Association Annual Conference, Philadelphia, PA
January 2014	Webinar – Virtual Coffee Talk on Mixed Methods Research with Dr. Tony Onwuegbuzie, Online
November 2013	Association for Middle Level Education Annual Conference, Minneapolis, MN

October 2013	Fundamentals of Quality Graduate Student Mentorship, Part 2, Mississippi State University Dr. Yancey – Writing Across the Curriculum, Writing to Learn – QEP, Mississippi State University
June 2013	myCourses: Introduction to Blackboard Learn, Mississippi State University
April 2013	American Educational Research Association Annual Conference, San Francisco, CA
March 2013	Student Today, Professional Tomorrow: Effective Mentoring of Graduate Students, Center for Teaching and Learning, Mississippi State University
February 2013	Advising and Policies Update, Center for Teaching and Learning, Mississippi State University

OTHER

Technology Design and Development

Kahoot! Certified – Bronze, Gold, and Advanced Certification – 2022
Nearpod Certified Distance Learning Certificate – 2020
Nearpod Certified Educator – 2019

Developed and built Middle School Teacher Education facility (2010/11), Second Life

- Used in EDE 3223: Middle Level Education and TKT 4803: Integrating Technology for Learning

Developed the online version of EDE 3223: Middle Level Education and EDE 2521: Introduction to Elementary Education

Developed EDE 2523 Introduction to Elementary Education – face-to-face course.

Deployed and managed Moodle course management system

- EDE 3223: Middle Level Education
- EDS 3411: Practicum in Secondary Education
- Holmes International Middle School Yearbook

Developed, managed, and maintained several websites

- Teaching with Primary Sources Mississippi – 2014 – present – www.msstatetps.org
- Middle Level Education Research SIG of AERA – 2014 – present – www.mlersig.net
- Mississippi Association for Middle Level Education – 2013-2020 – www.mamle.org