

Dr. Holly H. Pinter
Western Carolina University
Associate Professor
School of Teaching and Learning
hhpinter@email.wcu.edu

Professional Positions

Associate Professor, Western Carolina University (April 2019-Present)
Assistant Professor, Western Carolina University. (August 1, 2013 – March 2019).
Visiting Assistant Professor, Western Carolina University. (August 1, 2012 - May 1, 2013).
Middle Grades Math Education, Buncombe County Schools. (August 1, 2005 - June 7, 2010).

Education

Ph D, University of Virginia, 2013.
MAED, Western Carolina University, 2009.
BS, Western Carolina University, 2005.

Professional Memberships

Association of Mathematics Teacher Educators.
National Council of Teachers of Mathematics.
North Carolina Council of Teachers of Mathematics.
North Carolina Professors of Middle Level Education. (February 2016 - Present).
Professors of Middle Level Education. (October 2015 - Present).
North Carolina Association for Middle Level Education. (February 2015 - Present).
American Association of Colleges for Teacher Education. (October 1, 2013 - Present).
Association for Middle Level Education. (August 1, 2013 - Present).

Awards and Honors

Outstanding University Supervisor, College of Education and Allied Professions. (April 20, 2016).
Peak Performer, College of Education and Allied Professions. (April 22, 2015).
Legislative Teaching Award, College of Education and Allied Professions. (March 30, 2015).
Botner Superior Teaching Award Nomination, College of Education and Allied Professions. (March 1, 2015).
Excellence in Teaching Award: The National Society of Leadership and Success, Sigma Alpha Pi. (May 1, 2014).
Research Support Award, School of Teaching and Learning. (October 23, 2013).

Publications

Berry, R. Q., Walkowiak, T. A., & Pinter, H. H. (2019). Supporting mathematical proficiency with the finer-grain features of an opportunity-to-learn framework. Accepted.

Pinter, H. H., Bloom, L. A., & Rush, C. B. (2019). Best practices in teacher preparation for inclusive education. In *Handbook of research on innovative pedagogies and best practices in teacher education*. IGI Global Publishing Company.

- Winter, K. K., Pinter, H. H., & Watson, M. (Eds.). (2019). *Performance-Based Assessment in 21st Century Teacher Education*. (K. K. Winter, H. H. Pinter, & M. Watson, Eds.) (p. 295). Hershey, PA, USA: IGI Global.
- Von Dohlen, H. B., Pinter, H. H., Winter, K. K., Ward, S., & Cody, C. (accepted). Trauma-Informed Practices in a Laboratory Middle School.
- Walkowiak, T. A., Berry, R. Q., Pinter, H. H., & Jacobson, E. (2018). Utilizing the M-Scan to measure standards-based mathematics teaching practices: Affordances and limitations, *50*(3). <https://doi.org/doi:10.1007/s11858-018-0931-7>
- Pinter, H. H., Berry, R. Q., Merritt, E. G., & Rimm-Kaufman, S. E. (2017). The Importance of Structure, Clarity, Representation and Language in Elementary Mathematics Instruction, *9*. Accepted.
- Pinter, H. H., Winter, K. K., & Strahan, D. (2017). Strengthening Developmental Trajectories Toward Responsiveness: Learning to Teach at the Middle-Level, *48*(5), 3–13. <https://doi.org/DOI:10.1080/00940771.2017.1368313>
- Walkowiak, T. A., Pinter, H. H., & Berry, R. Q. (2017). Reconceptualization of Opportunity to Learn, *8*(1), 7–18.
- Pinter, H. H. (2017). Effective Formative Assessment using TI-Nspire Navigator, *42*(2), 3–6.
- Pinter, H. H., Borchelt, N. A., & Wagaman, J. C. (2016). Initiating a Community Collaboration Across the PreK-Grade 16 Continuum, *23*(4), 205–206.
- Pinter, H. H., Wagman, J., & Borchelt, N. (2016). P-16 Initiatives: Initiating a Conversation of Trajectories. Published.
- Pinter, H. H., Walkowiak, T., & Berry, R. Q. (2016). Three Ts: Using Time, Tasks, and Talk to Maximize Students' Opportunities to Learn Mathematics. Published.
- Pinter, H. H. (2016). Understanding and Addressing the Challenges of Teaching Middle Grades Mathematics Conceptually. Published. Retrieved from <http://www.amle.org/ServicesEvents/ResearchSummary/TabId/622/ArtMID/2112/ArticleID/618/Understanding-and-Addressing-the-Challenges-of-Teaching-Middle-Grades-Mathematics-Conceptually.aspx>
- Pinter, H. H., Winter, K. K., & Watson, M. (2016). How to Thrive in the Changing Landscape of Teacher Education: Planning for Implementation of Performance-Based Assessments. In *Evaluating Teacher Education Programs through Performance-Based Assessments* (pp. 18–33). Hershey, PA, USA: IGI Global.
- Berry, R. Q., Pinter, H. H., & McClain, O. L. (2013). A critical review of American K–12 mathematics education, 1900–Present: Implications for the experiences and achievement of black children. In *The brilliance of black children in mathematics: Beyond the numbers and toward new discourse*. Charlotte: Information Age Publishing.
- Pinter, H. H., Berry, R. Q., & Walkowiak, T. (published). Using the mathematics scan to nurture instructional quality development: A professional development opportunity. In *Proceedings of the 39th Annual Meeting of the Research Council on Mathematics Learning*.

Presentations

- Cavanna, J., Casa, T., Pinter, H. H., Association of Mathematics Teacher Educators, "Examining Early Ambitious Teaching to Support Novice Mathematics Teachers," Orlando, FL.
- Sararose Lynch, E. M. B., Knapp, M., Virmani, R., Pinter, H. H., Association of Mathematics Teacher Educators, "Better than bridging: How mediated field experiences transform teacher preparation to meet the AMTE standards," Orlando, FL.
- Swartz, B. A., Billings, M., Marie, E., Knapp, R. K., Virmaniy, C. S., Woods, D., Lynch, S., Pinter, H. H., North American Chapter of the International Group for the Psychology of Mathematics Education, "Working to Understand Mediated Field Experience and Study Their Impact," Greenville, SC.
- Pinter, H. H., Winter, K., Howell, P., Association of Middle Level Educators, "Navigating Mandated Partnerships and Staying Student Focused," NAPOMLE, Orlando, FL.

- Pinter, H. H., Strahan, D. B., Winter, K. K., American Education Research Association Annual Meeting, "Responsive Teaching in Action: Integrating Middle- Level Preservice Experiences With a Laboratory School," American Education Research Association, New York, NY.
- Strahan, D., Pinter, H. H., Winter, K. K., Association for Middle Level Education, "'Authentic Connection of Theory to Practice: Integrated Pedagogy Courses to On-Site Clinical Experiences'," Association for Middle Level Education, Philadelphia, PA.
- Pinter, H. H., Winter, K. K., Symposium on Middle Level Teacher Education, "Authentic Connection of Theory to Practice: Integrated Pedagogy Courses to On-Site Clinical Experiences," Association of Middle Level Educators, Philadelphia, PA.
- Pinter, H. H., Winter, K. K., Annual Meeting of the American Association of Colleges of Teacher Educators, "Strengthening Developmental Trajectories," American Association of Colleges of Teacher Educators, Tampa, FL.
- Pinter, H. H., 21st Annual AMTE Conference, "Connecting Research to Practice: Supporting Curriculum Implementation Using Standards Based Mathematics Teaching Practices," Association of Mathematics Teacher Educators, Orlando, FL.
- Despeaux, S. E. (Coordinator/Organizer), Borchelt, N. A. (Coordinator/Organizer), Barnes, J. (Presenter Only), Pinter, H. H. (Presenter Only), Faughn, A. P. (Presenter Only), North Carolina Center for the Advancement of Teaching (NCAAT), "Middle School Math in the Digital Age," NCAAT Campus, Cullowhee, NC.
- Pinter, H. H., "Journey of Curriculum Implementation through Reflective Coaching and Practice," National Council of Teachers of Mathematics, Philadelphia, PA.
- Winter, K. K., Pinter, H. H., Strahan, D., Annual Association of Middle Level Education, "Learning to Teach at the Middle Level: Exploring Candidate Development of Values," Association for Middle Level Education (AMLE), Austin, TX.
- Pinter, H. H., Winter, K. K., Strahan, D., Symposium on Middle Level Teacher Education, "Strengthening developmental trajectories toward responsiveness: Learning to teach at the Middle-Level," Association for Middle Level Education (AMLE), Austin, TX.
- Pinter, H. H., Reynolds, C., Cook, J., Nelson, J., 2016 State Mathematics Conference Leaping Forward: Teaching & Learning, Equity, Curriculum, and Assessment, "Reflective Teaching: Efficacy of Teaching a New Curriculum," North Carolina Council of Teachers of Mathematics, Greensboro, NC.
- Pinter, H. H., Winter, K. K., Strahan, D., 43rd AMLE Annual Conference for Middle Level Education, "Strengthening developmental trajectories toward responsiveness: Learning to teach at the Middle-Level," Association of Middle Level Education, Austin, TX.
- Pinter, H. H., Winter, K. K., Strahan, D., 43rd AMLE Annual Conference for Middle Level Education, "Data Driven Decisions for Streamlining Middle Level Programs: A Program Re-Designed," Association of Middle Level Education, Austin, TX.
- Pinter, H. H., Winter, K., Strahan, D., 43rd AMLE Annual Conference for Middle Level Education, "Learning to Teach at the Middle Level: Exploring Candidate Development of Values," Association of Middle Level Education, Austin, TX.
- Pinter, H. H., Collaborative Regional Educational Workshops 2016, "Three Ts: Using Time, Tasks, and Talk to Maximize Students' Opportunities to Learn Mathematics," Collaborative Regional Educational Workshops, Cherokee, NC.
- Pinter, H. H., Association of Mathematics Teacher Educators, "Beyond Assessment Data Collection: Using TI-Navigator Calculators to Inform Instructional Practice in Real-Time," Association of Mathematics Teacher Educators, Irvine, CA.
- Pinter, H. H., Winter, K. K., Annual Association of Middle Level Educators Conference, "Reflections on Teaching the Teaching Cycle: Middle Level Teacher Candidate Experiences with edTPA," Association of Middle Level Educators, Columbus.

- Winter, K. K., Pinter, H. H., Strahan, D., Annual Conference of the Association of Middle Level Educators, "Transforming Teacher Education through Clinical Practice: The Preservice Teacher Perspective," Association of Middle Middle Level Educators, Columbus, OH.
- Pinter, H. H., North Carolina Council of Teachers of Mathematics Annual Conference, "Evaluating the Use of TI-Nspire Calculators For Instruction," North Carolina Council of Teachers of Mathematics, Greensboro, NC.
- Walkowiak, T., Pinter, H. H., Carol Malloy Research Symposium, "Examining Mathematics Instruction in Elementary Classrooms: A Re-conceptualization of "Opportunity to Learn"," UNC Chapel Hill, Chapel Hill, NC.
- Watson, M., Pinter, H. H., edTPA Local Evaluation Training, "edTPA Local Evaluation Training," CEAP, KL 102.
- Pinter, H. H., Bloom, L. A., AACTE, "Breaking Barriers to Inclusion," American Association of Teacher Educators, Atlanta, GA.
- Winter, K. K., Strahan, D., Pinter, H. H., Annual Conference of the Association of Middle Level Educators, "Transforming Teacher Education Through Clinical Practice: The Pre-service Teacher Perspective," Association of Middle Level Educators, Nashville.
- Pinter, H. H., East Tennessee Title 1 Conference, "Formative Assessment: Real-time Feedback As A Meaningful Instructional Move," Gatlinburg, TN.
- Pinter, H. H., NCTM Richmond Regional, "Students Reveal How Ongoing Assessments Helped Them Learn Math," National Council of Teachers of Mathematics, Richmond, VA.
- Pinter, H. H., NCTM Richmond Regional, "Lesson Study Utilizing a Standards-Based Measure of Instruction," National Council of Teachers of Mathematics, Richmond, VA.
- Watson, M., Pinter, H. H., edTPA Local Evaluation Training, "edTPA Local Evaluation Training," CEAP, KL 102.
- Borchelt, N. A., Pinter, H. H. (Presenter & Author), Wagaman, J. C., NC Ready for Success Summit, "Mathematics and the Western North Carolina Work Force: An Important Effort in P-16 Collaboration - See more at: <http://www.ncreadyforsuccess.com/how-were-helping/alignment-initiatives/summits/statewide-k-12-and-postsecondary-education-math-summit/#sthash.aiDeNYTE.dpuf>," NC Department of Public Instruction, Charlotte, NC.
- Pinter, H. H., Symposium for the Support of Beginning Teachers, "Differentiating Instruction," College of Education and Allied Professions, Cullowhee, NC.
- Pinter, H. H., NCTM Annual Meeting, "Formative Assessment: How Real-Time Feedback Moves a Lesson Forward," National Council of Teachers of Mathematics, New Orleans.
- Pinter, H. H., The Eighteenth Annual Conference of the Association of Mathematics Teacher Educators (AMTE), "Using a Multidimensional Observation Instrument to Support Pre-Service In-Service Teachers' Development of Standards-Based Instructional Practices," Association of Mathematics Teacher Educators, Irvine, CA.
- Pinter, H. H., East TN Title One Conference, "Examining Mathematics Instruction: Critical Ingredients of High Quality Mathematics Teaching," the 34th Annual East Tennessee Title I Conference, Gatlinburg, TN.
- Pinter, H. H., State NCCTM, "Formative Assessment: Moving a Lesson Forward," North Carolina Council of Teachers of Mathematics, Greensboro, NC.
- Pinter, H. H., State NCCTM, "Standards-Based Mathematical Teaching Practices: Key Instructional Moves," North Carolina Council of Teachers of Mathematics, Greensboro, NC.
- Pinter, H. H., Teachers of Tomorrow, "Bullying: Knowledge, Preparation, and Response," WCU College of Education and Allied Professions, Cullowhee, NC.
- Pinter, H. H., Teachers of Tomorrow, "Everything You Wanted To Know About Teaching Middle School," WCU College of Education and Allied Professions, Cullowhee, NC.

Contract, Fellowships, Grants and Sponsored Research

Pinter, H. H., "The Development of Ambitious Instruction in Elementary Mathematics," Sponsored by National Science Foundation, Federal, \$27,971.00. (October 1, 2016 - July 30, 2019).

Pinter, H. H., "Supporting Middle Level Education Majors with Professional Development Experiences," Sponsored by School University Teacher Education Partnership (SUTEP), Western Carolina University, \$1,694.30. (October 15, 2015 - October 17, 2015).

Research Activity

"edTPA Teacher Candidate Performance" (On-Going). (2014 - Present).
IRB number: 2015-0009

"Learning to teach at the middle level" (On-Going). (2014 - Present).
IRB number: 2015-0041

Teaching Experience

EDMG 409, section 01, Internship Sem Mid Grds Schl. 2 credit hours. 0 enrolled.

EDMG 419, section 01, Math Methods Grds 6-9. 3 credit hours. 0 enrolled.

ELMG 495, section 71, Seminar-Student Teachers. 3 credit hours. 11 enrolled.

ELMG 485, section 07, Supervised Internship II. 9 credit hours. 3 enrolled.

EDMG 409, section 01, Internship Sem Mid Grds Schl. 2 credit hours. 6 enrolled.

EDMG 419, section 01, Math Methods Grds 6-9. 3 credit hours. 7 enrolled.

ELMG 484, section 01, Supervised Internship I. 3 credit hours. 16 enrolled.

ELMG 484, section 09, Supervised Internship I. 3 credit hours. 2 enrolled.

ELMG 620, section 50, Issues/Trends STEM Educ. 3 credit hours. 8 enrolled.

ELMG 495, section 71, Seminar-Student Teachers. 3 credit hours. 15 enrolled.

EDMG 419, section 01, Math Methods Grds 6-9. 3 credit hours. 13 enrolled.

ELMG 611, section 50, Research in Math Teach & Learn. 3 credit hours. 1 enrolled.

EDMG 412, section 01, Internship Sem Diff Instruct. 2 credit hours. 16 enrolled.

EDEL 419, section 70, Math Methods Grds 3-6. 3 credit hours. 25 enrolled.

ELMG 495, section 70, Seminar-Student Teachers. 3 credit hours. 40 enrolled.

ELMG 485, section 07, Supervised Internship II. 9 credit hours. 1 enrolled.

EDMG 422, section 01, Inclusive Edu Co-Tch Mid Schl. 3 credit hours. 4 enrolled.

EDMG 409, section 01, Internship Sem Mid Grds Schl. 2 credit hours. 16 enrolled.

ELMG 484, section 06, Supervised Internship I. 3 credit hours. 6 enrolled.

USI 131, section 01, Thriving in College. 1 credit hours. 49 enrolled.

EDMG 412, section 01, Internship Sem Diff Instruct. 2 credit hours. 5 enrolled.

EDEL 419, section 02, Math Methods Grds 3-6. 3 credit hours. 27 enrolled.

ELMG 495, section 71, Seminar-Student Teachers. 3 credit hours. 9 enrolled.

ELMG 485, section 05, Supervised Internship II. 9 credit hours. 5 enrolled.

EDEL 339, section 70, Sem Resp Lrng Comm Elem Grds. 2 credit hours. 36 enrolled.

EDCI 191, section 02, Teachers, Schools & Society. 3 credit hours. 23 enrolled.

EDCI 191, section 03, Teachers,Schools & Society. 3 credit hours. 27 enrolled.

EDMG 589, section 01, Internship:Middle Grds. 6 credit hours. 1 enrolled.

EDMG 589, section 50, Internship:Middle Grds. 6 credit hours. 1 enrolled.

EDEL 419, section 70, Math Methods Grds 3-6. 3 credit hours. 23 enrolled.

EDMG 419, section 01, Math Methods Grds 6-9. 3 credit hours. 5 enrolled.

EDEL 339, section 01, Sem Resp Lrng Comm Elem Grds. 2 credit hours. 26 enrolled.

ELMG 484, section 04, Supervised Internship I. 3 credit hours. 1 enrolled.

ELMG 485, section 05, Supervised Internship II. 9 credit hours. 3 enrolled.

EDEL 419, section 01, Math Methods Grds 3-6. 3 credit hours. 30 enrolled.

EDEL 339, section 70, Sem Resp Lrng Comm Elem Grds. 2 credit hours. 39 enrolled.

ELMG 484, section 03, Supervised Internship I. 3 credit hours. 1 enrolled.

ELMG 485, section 03, Supervised Internship II. 9 credit hours. 2 enrolled.

EDMG 466, section 50, Digital Lit Meths Grds 6-9. 3 credit hours. 1 enrolled.

EDMG 411, section 70, Differentiated Instruct-Mdl Grde. 3 credit hours. 22 enrolled.

EDEL 419, section 70, Math Methods Grds 3-6. 3 credit hours. 21 enrolled.

EDMG 419, section 70, Math Methods Grds 6-9. 3 credit hours. 13 enrolled.

EDEL 419, section 01, Math Methods Grds 3-6. 3 credit hours. 20 enrolled.

ELMG 485, section 05, Supervised Internship II. 9 credit hours. 1 enrolled.

EDCI 191, section 02, Teachers,Schools & Society. 3 credit hours. 25 enrolled.

USI 130, section 04, University Experience. 1 credit hours. 16 enrolled.

EDMG 419, section 50, Math Methods Grds 6-9. 3 credit hours. 35 enrolled.

EDEL 419, section 40, Math Methods Grds 3-6. 3 credit hours. 7 enrolled.

EDEL 419, section 01, Math Methods Grds 3-6. 3 credit hours. 24 enrolled.

EDEL 419, section 70, Math Methods Grds 3-6. 3 credit hours. 13 enrolled.

EDMG 419, section 70, Math Methods Grds 6-9. 3 credit hours. 15 enrolled.

ELMG 484, section 02, Supervised Internship I. 3 credit hours. 1 enrolled.

ELMG 485, section 02, Supervised Internship II. 9 credit hours. 2 enrolled.

EDPY 493, section 53, Tps Education-Psychology. 3 credit hours. 1 enrolled.

EDEL 419, section 01, Math Methods Grds 3-6. 3 credit hours. 18 enrolled.

ELMG 484, section 04, Supervised Internship I. 3 credit hours. 4 enrolled.

EDCI 191, section 03, Teachers,Schools & Society. 3 credit hours. 26 enrolled.

EDMG 519, section 01, Adv Math Meths Grds 6-9- 3 credit hours. 1 enrolled.

EDMG 519, section 50, Adv Math Meths Grds 6-9- 3 credit hours. 5 enrolled.

EDPY 493, section 53, Tps Education-Psychology. 3 credit hours. 1 enrolled.

Directed Student Learning

Dissertation Committee Member, College of Education and Allied Professions. (October 1, 2015 - Present).
Advised: Brandon Schweizer, Kevin Bailey

Faculty Development Activities Attended

Workshop, "PBL 101," PBLworks, Western Carolina University, Cullowhee, NC (June 5, 2019-June 7, 2019).

Workshop, "Digging Deeper into Connected Mathematics," Michigan State University, East Lansing, Michigan, United States. (June 20, 2016 - June 24, 2016).

Workshop, "Building Capacity for Educative Implementation of edTPA." (May 13, 2016).

Conference, "American Education Research Association Annual Meeting," American Education Research Association, Washington, DC. (April 8, 2016 - April 12, 2016).

Conference, "North Carolina Middle Level Educators Conference," North Carolina Association of Middle Level Education, Greensboro, NC. (March 6, 2016 - March 8, 2016).

Workshop, "Responsive Classroom Course," Responsive Schools, Atlanta, GA, USA. (July 13, 2015 - July 16, 2015).

Conference, "NC Middle Level Education Conference," NC Association of Middle Level Educators, Greensboro, NC, USA. (March 15, 2015 - March 17, 2015).

Conference, "AACTE Annual Meeting 2014," American Association of Colleges for Teacher Education, Indianapolis, IN, USA. (March 1, 2014 - March 3, 2014).

Workshop, "EdTPA Local Evaluation Training," UNC Schools, Chapel Hill, North Carolina, USA. (January 30, 2014).

Workshop, "EdTPA Training," UNC Chapel Hill, Chapel Hill, NC, USA. (November 8, 2013).

Conference, "WNC P-16 Education Consortium," WNC P-16 Education Consortium, Cullowhee, NC, USA. (September 19, 2013 - September 20, 2013).

Conference, "2013-14 Common Core State Standards and North Carolina Essential Standards Institutes for Institutions of Higher Education (IHEs)," North Carolina Department of Public Instruction, Hickory, NC, USA. (September 11, 2013).

University Service

Faculty Advisor, Collegiate Middle Level Association. (April 2015 - Present).

Travel Committee. (August 2014 - Present).

Task Force Member, EdTPA Leadership Committee. (August 1, 2013 - Present).

Committee Member, Search Committee Member: EC Director, Catamount School. (January 10, 2019 - April 2019).

STEM MAED planning committee. (May 1, 2016 - May 2018).

Committee Member, Catamount School Steering Committee. (October 1, 2016 - August 1, 2017).

MAED course development. (January 18, 2016 - May 2016).

Dissertation Committee Member, Disquisition Committee. (September 2015 - May 2016).

Task Force Member, Makerspace Taskforce. (September 1, 2015 - May 10, 2016).

Committee Member, Liberal Studies Assessment Committee (C4). (August 1, 2015 - May 1, 2016).

Committee Member, School of Teaching and Learning Search Committee. (March 2016 - April 2016).

Committee Member, Elementary Education Fixed Term Faculty Search Committee. (February 1, 2016 - April 30, 2016).

Liason between my department and TRACS, Scholarship Liason. (August 1, 2013 - January 2016).
STL Strategic Direction Taskforce. (August 2015 - October 2015).
Committee Member, Inclusive Education Curriculum Committee. (October 2013 - August 2015).
Committee Member, College Nominations and Elections Committee. (August 18, 2013 - May 2015).
EdTPA Training Leader. (August 1, 2013 - May 1, 2015).
Chairperson, Special Education Search Committee. (December 1, 2014 - April 1, 2015).
Middle Grades Action Plan Committee. (August 2013 - May 2014).
Student Teaching Handbook. (December 9, 2013).

Professional Service

Conference co-chair, North Carolina Council of Teachers of Mathematics. (April 2018- Present).
Officer, Secretary, National Association of Professors of Middle Level Education. (November 30, 2016 - Present).
Reviewer, Journal Article, The National Council of Supervisors of Mathematics (NCSM). (January 20, 2014 - Present).
Department Editor, National Council of Teachers of Mathematics, Reston, VA. (January 1, 2014 - Present).
EdTPA portfolio scorer, Pearson. (January 1, 2014 - Present).
Reviewer, Journal Article, National Council of Teachers of Mathematics. (August 1, 2013 - Present).
Officer, Vice President, North Carolina Council of Teachers of Mathematics. (January 1, 2017 - October 1, 2018).
Consultant, MathWorks. (September 1, 2016 - May 10, 2017).
Consultant, Guilford County Schools, Greensboro, NC. (October 27, 2015).