

Leigh Buie Belford, Senior Teaching Instructor

Curriculum Vitae

belfordl14@ecu.edu

Degrees

Degree	Discipline	Institution	City and State	Year Conferred
MA.Ed.	Middle School Mathematics Education	East Carolina University	Greenville, NC	2012
B.S.	Elementary Education	Methodist University	Fayetteville, NC	2002

Professional Licensures and Certifications

Title	Year Conferred-In Progress
National Board of Certified Teachers, Middle Childhood Generalist	2010
Middle Grades Mathematics (Grades 6-9)	2012
Elementary Math Add On License	2012
Elementary Education (Grades K-6)	2002
Academically Gifted Certificate	2005

Courses Taught

Math Method for Grades P-K-2
Field Exp in Math Grades K-2
Math and Method for Grades
Basic Concepts of Math II

Scholarly Contributions and Creative Productions

Chapter

Schwartz, C. S., Lee, C. W., Gonzalez, M. L., & Belford, L. B. (2020). Using Virtual Simulations and Videoconferencing to Rehearse and Enact Number Talks in Online Settings. In *Teaching, Technology, and Teacher Education During the COVID-19 Pandemic: Stories from the Field*. Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/p/216903/>

Creative Activities

Research Retreat and Symposium

Schwartz, C. S., Lee, C. W., Gonzalez, M. L., & Belford, L. B. (2019, September). Vision Research Retreat and Symposium. Greenville, NC. <https://blog.ecu.edu/sites/coeblog/2019/10/coe-in-the-news/symposium-focuses-on-educators-instructional-visions/>

Belford, L. B. (2021). Lesson Plans for Arctic Buoy Project. Greenville, NC. [Creative Activity Type: Lesson Plans] [Related to Diversity, Equity, & Inclusion : No]Lessons were created to support elementary students in utilizing the data collected by buoys floating in the Arctic Ocean. Lessons created were cross curricular, bringing together math, science and social studies.

Curriculum Development

Belford, L. B. (2022). NC2ML Co-design Team Member. Greenville, NC.

Belford, L. B. (2021). Lesson Plans for Arctic Buoy Project. Greenville, NC.

Other

Belford, L. B., & Schwartz, C. S. (2017). Writing Team Member for NC2ML.
<https://nc2ml.org/for-teachers.php>

Belford, L. B. (2017). Tools for Teachers: North Carolina K-5 Mathematics Collaborative Grant Kindergarten Team Writer.

Presentation

Belford, L. B. (2021, August). *AMTE-NC Panelist. AMTE-NC Back to School Event.* Fayetteville, NC..

Belford, L. B. (2019, November). *National Board Certification Renewal PLC. 2019 Annual Conference of the North Carolina Council of Teachers of Mathematics.* Greensboro, NC.

Belford, L. B. (2019, November). *Using the Launch, Explore, Discuss Lesson Framework to Develop Growth Mindsets. 2019 Annual Conference of the North Carolina Council of Teachers of Mathematics.* Greensboro, NC.

Duggan, A., Schwartz, C. S., Stephan, M. L., & Belford, L. B. (2019). *Examining Critical Conversations during Co-design of K-5 Instructional Frameworks. Association of Mathematics Teacher Educators.* Orlando, Florida. [Publicly Displayed: Yes]

Gonzalez, M. L., Belford, L. B., & Schwartz, C. S. (2019, March). *Scaling Up Mathematics Methods Practices that Support Ambitious Teaching. The Research Council on Mathematics Learning.* Charlotte, NC

Belford, L. B., Lee, C. W., Gonzalez, M. L., & Schwartz, C. S. (2019, March). *Scaling Up Mathematics Methods Practices that Support Ambitious Teaching. The Research Council on Mathematics Learning.* Charlotte, NC.

Belford, L. B. (2018, November). *K-2 Place Value: More Than Just 10s and 1s. North Carolina Council of Teachers of Mathematics Annual Conference.* Winston Salem, NC.

Belford, L. B., Coker, D., Midgett, C., & Allen, L. (2008, November). *Tools for Teachers: Kindergarten Standards and Resources. North Carolina Council of Teachers of Mathematics Annual Conference.* Winston Salem, NC.

Belford, L. B. (2017). *Presenter: North Carolina Tools for Teachers*. Fayetteville, NC: Cohort Kindergarten Teachers from Cumberland County

Belford, L. B., & Midgett, C. (2018, June). *NCDPI District Leaders Summer Professional Development Sessions*. *NCDPI District Leaders Summer Professional Development*. Lake Norman, NC: Teachers, Principals and District Leaders in North Carolina.

Schwartz, C. S., Middleton, C. W., Lee, C. W., & Belford, L. B. (2018, February). *The Impact of Developing a Vision for Mathematics Teaching with Elementary Preservice Teachers*. *Association of Mathematics Teacher Educators*. Houston, TX.

Belford, L. B. (2017, October). *Launching Number Talks*. *North Carolina Council of Teachers of Mathematics Annual Conference*. Greensboro, NC.
<https://www.ncctm.org/ncctm/assets/File/2017ConfProg.pdf>

Belford, L. B. (2017). *Presenter: NC Tools for Teachers*. Fayetteville, NC: Cohort Kindergarten Teachers from Cumberland County..

Belford, L. (2015, November). *Using Digital Learning to Strengthen Math Instruction in the Elementary Classroom*. *North Carolina Council of Teachers of Mathematics*. Greensboro North Carolina.

Professional Service

May 2021 - Aug 2021	Conference/Symposium/Workshop, North Carolina Association of Mathematics Teacher Educators Back to School Event , Description: Served as a panelist in the NC-AMTE Back to school event, sharing lessons learned through teaching during the pandemic. I focused on ways in which to organize online classes to relieve anxiety.
May 2020 - Aug 2020	Journal Reviewer , Mathematics Teacher Educator Manuscript Review,
May 2019 - Aug 2019	Committee/Task Force, North Carolina Standard Setting General & NC Extend 1- Mathematics
Jan 2022 - Present	Professional Association/Organization, Secretary of the Military Affiliation TAG of the American Association of Colleges for Teacher Education

Jan 2021 - Present

Professional Association/Organization, Eastern NC Elementary Vice
President of the NC Council of Teachers of Mathematics

Professional Memberships

Organization

North Carolina Association of Mathematics Teacher Educators

Association of Math Teacher Educators

North Carolina Council of Teachers of Mathematics

National Council of Teachers of Mathematics

Honors and Awards

Title	Awarding Agency	Description	Semester
Treasured Pirate	East Carolina University	In the Fall of 2019, I recieved the Treasured Pirate Award. This award is given to a select few ECU employees for making a difference in their community.	Fall 2019