



## Curriculum Vita Fall 2015

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### EDUCATION

Ed.D. Curriculum and Instruction: Mathematics Education  
Baylor, University – Waco, 2014

M. Ed. Curriculum and Instruction  
Texas A&M University – Commerce, 2010.

B. S. Elementary Education (Elementary Certification),  
Kennesaw State University – Kennesaw, 1996.

A.B.S. Biblical Studies  
Moody Bible Institute- Chicago, 1994.

### LICENSURE AND CERTIFICATIONS

Texas	Classroom Teacher ESL supplemental (1-8) Standard Certification (2013-2018)
Texas	Elementary Self-Contained (1-8) Provisional Life Certificate (1998-life)
Illinois	Self-Contained Education (Age 0- Grade 3) Instructor Certification (2004-2009)
Michigan	Elementary K-5 All subjects (K-8 Self CC) Instructor Certification (2002-2007)
Georgia	Early Childhood Education (P-5) Instructor Certification (1996-2001)
NCTM	Certificate of NCTM Institute training in Mathematics (July 2015)

## TEACHING EXPERIENCE

2014-present Assistant Professor, Texas A&M University- Commerce

Courses taught:

Graduate:	EDCI 529 01W: 21 <sup>st</sup> Century Mathematics	Fa 2015
	ELED 530 01W: Math Curr Grades 1-8	Su 2015
	ECE 535 01W: Math Science Soc Stud	Su 2015
	EDCI 529 01W: 21 <sup>st</sup> Century Mathematics	Sp 2015
	EDCI 529 01W: 21 <sup>st</sup> Century Mathematics	Su 2014
	EDCI 529 03W: 21 <sup>st</sup> Century Mathematics	Su 2014
	EDCI 529 01W: 21 <sup>st</sup> Century Mathematics	Fa 2014
	ELED 530 01W: Math Curr Grades 1-8	Fa 2014
Undergrad:	ELED 437 710: Integrated Learning	Fa 2015
	ELED 447 71E: Teacher Inquiry	Fa 2015
	ECE 460 71E: Early Childhood Curriculum	Fa 2015
	ECE 460 71E: Early Childhood Curriculum	Sp 2015
ELED 447 71E: Teacher Inquiry		Sp 2015
	ECE 366 71E: Learning Environments	Fa 2014
	ELED 447 71E: Teacher Inquiry	Fa 2014
	Residents Evaluation of Liaison	Sp2015

2012-2014 Graduate Teaching Assistant, Baylor University

2012-2014 Elementary Education Intern Supervisor and Instructor, Baylor University

2010-2014 Clinical Instructor, adjunct, Texas A&M University-Commerce

2005-2011 Fifth Grade Science, First Grade Classroom Teacher, Waxahachie ISD, TX

## PUBLICATIONS

**Corp, A.** (under review) *Tea Cakes and Sweet Potato Pie for All: Student Responses to African American Stories in Mathematics. Journal for Multicultural Education.*

**Corp, A.** (Under review) *Using African American Stories in Mathematics: Responses of African American Children. Educational Studies in Mathematics.*

**Corp, A.** (Under review by 11/15) *Gettin' Through Thursday Versus Bunny Money:*

*Applications of Culturally Responsive Stories in Mathematics.* Texas Math Teacher.

### **Presentations**

**Corp, A.** (2015, September) *When to Introduce Numbers (3-4yr olds).* Practitioner presentation at the Leading to Literacy Weekday Education Conference in Garland, TX.

Impact: (Role: researcher/presenter) Local early childhood educator learned about the importance of children understanding number sense before rote memory. Participants created hands on ideas to do with students based on stories appropriate for this age group to implement how number sense is connected to their daily story reading. Participants were excited to see how they could easily implement number sense through stories in their own classrooms.

**Corp, A** (2015, May) *Bridging Multicultural Stories to Mathematics.* Teaching strategy presentation presented at the Bill Martin Jr. Symposium.

Impact: (Role: researcher/presenter) This presentation helped pre-service and in-service teachers in the NE Texas area understand how to use multicultural stories as the context for teaching mathematic content. Discussion with participants led to the importance of validating marginalized cultures and creating a safe space for students to talk about culture.

**Corp, A.** (2015, February) *Third Grade Voices Promote Teacher Reflection and Insight about Cultural Competency.* Research paper presented at the Teacher Educator's National Conference in Phoenix, AZ.

Impact: (Role: researcher/presenter) Professors and teachers listened to a case study describing how students' reflections impacted their teacher's cultural competency. Many educators interacted in a discussion about asking the students' perspective and about how important and difficult it is to teach or be culturally competent.

**Corp, A.** (2014, October) *African American Stories to Teach Math: How Do Students Respond?* Research paper presented at the 21<sup>th</sup> Annual Meeting of the American Association of Teaching and Curriculum, Tampa, FL.

Impact: (Role: researcher/presenter) This dissertation presentation described how using African American stories was highly effective in engaging African American students. Professors from around the country discussed how this strategy could be applied to other cultures and content areas.

**Corp, A. & Cooper, S.** (2014, April) *Using Multicultural Stories to Teach Math (K-2)* Interactive presentation presented at the Annual Meeting of the National Council of Teachers of Mathematics, New Orleans, LA.

Impact: (Role: main presenter) Teachers from around the country participated in mathematical activities related to stories representing the Hispanic or African American culture. Many participants stated that the ideas were very helpful and that they were excited to try them with students as well as, share them with other teachers on their campus.

2006 *Science Readers for ESL* Funded by Education Foundation of Waxahachie, TX. \$1800.

<b>SERVICE</b>	
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| 6/15 –current | Partnering with colleagues to fulfill tasks of Center Coordinator (interviewing, placements for interns/residents in Ennis ISD) for Corsicana campus.  |
| 9/15- current | Providing study session for ESL and others who did not pass certification tests. (Corsicana campus)  |
| 1/15-5/15     | Tutoring five 5 <sup>th</sup> grade struggling mathematics students (RTI) twice a week at the campus that I continue to partner with for research on culturally responsive mathematics pedagogy.   |
| 12/14-4/15    | Service on TWO Search committee- evaluated applicants based on rubric. Provided perspective of former elementary teacher, math ed researcher, and future collaborator for incoming candidate.  |
| 7/14-current  | CASA (Court Appointed Special Advocate) for children in foster care. Seven siblings, 4 of school age. Gives a voice to children who are not usually represented. New case begun 3/20/15.   |
| 1/15          | Reviewed 2 articles or CTD (Curriculum and Teaching Dialogue) the journal for the AATC. The areas were elementary mathematics and culturally relevant teaching.  |
| 12/14         | Assisted with department graduates at commencement. Showing Corsicana students we care (enough to come up to Commerce to see them graduate).   |
| 8/14          | Reviewed 5 proposals for NCTM research conference<br>I helped select what will be presented at the national research conference for my area of study: mathematics education. This ensures the most appropriate research is highlighted and gives a platform for research to be shared with participants from across the world. |