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CURRICULUM VITAE

Christina D. Hamilton, Ph.D.

1001 Leadership Place, Killeen, TX 76549

Education

Ph.D. Curriculum and Instruction, Mathematics Education
University of North Texas, 2013
Dissertation: *An Investigation into the Relationships
Between the Technological Pedagogical Content
Knowledge (TPACK) of University Teacher
Education Faculty and Their Age, Rank, and Gender.*
Advisor and Dissertation Chair: Dr. Jamaal Young

M.Ed. Educational Technology
University of Texas, Brownsville, 2008

B.S. Computer Science
Louisiana State University, Shreveport 2003

Professional Certification/Licensure

Secondary Mathematics 8-12, Texas
Principal K-12, Texas
Professional Development Appraisal System, Texas

Employment

Jan. 2015-present	Assistant Professor, Curriculum and Instruction and Mathematics Education Courses Taught: Math 303 Elementary Math Concepts 1, Spr. 2015 and Sum 2015 Math 305 Elementary Math Concepts 2, Spr. 2015 and Sum 2015 Educ 340 Mathematics Instruction for Teaching, Spr. 2015	Texas A&M University-Central Texas
Aug. 2012- Dec. 2014	Campus Instructional Coordinator	Desoto Freshman Campus Desoto ISD
Jan. 2009- Aug. 2012	Mathematics Instructional Coach	Desoto Freshman Campus Desoto ISD
Aug. 2004- Jan. 2009	Secondary Mathematics Teacher	Lewisville ISD, Lancaster ISD, Longview ISD

Other Scholarly Mentoring, Teaching, and Curricular Achievements

- Interim District Mathematics Coordinator (2 months)
- District Teacher Trainer, 2010-12
- CScope Trainer, 2010 -12
- First Year Teacher Mentor, 2012- present
- Campus Technology Integration Teacher, 2004-2005

Refereed Publications/Presentations/Achievements

Book Chapter

Young, J. R., Young, J. V., **Hamilton, C.** (2013). Culturally relevant project-based learning for STEM education: Implications and examples for urban schools. In M. M. Capraro, R. Capraro, & C. W. Lewis (Eds.), *Improving urban schools: Equity and access in K-16 STEM education* (pp. 39-65). Charlotte, NC: Information Age.

Article

Young, J. R., Young, J. L., & **Hamilton, C.** (2013). The Use of Confidence Intervals as a Meta-Analytic Lens to Summarize the Effects of Teacher Education Technology Courses on Preservice Teacher TPACK. *Journal of Research on Technology*.

Conference Presentations

- **Hamilton, C.** (February, 2015) “Teacher Preparation and Culturally Responsive Pedagogy (CRT),” National Association of African American Studies & Affiliates 23th Annual Conference, Baton Rouge, LA.
- **Hamilton, C.** (March, 2015) “The Mathematics TPACK Framework”, Pearson 27th International Conference on Technology in Collegiate Mathematics (ICTCM), Las Vegas, NV.
- **Hamilton, C.** (March, 2014). The Technological Pedagogical Content Knowledge (TPACK) of University Mathematics Teacher Educators. Pearson 26th International Conference on Technology in Collegiate Mathematics (ICTCM), San Antonio, Texas.
- Young, J. R., Young, J. L., & **Hamilton, C.** (May, 2013). *The Use of Confidence Intervals as a Meta-Analytic Lens to Summarize the Effects of Teacher Education Technology Courses on Preservice Teacher TPACK. Paper Presented at the Annual Meeting of the American Educational Research Association, San Francisco, California.*
- **Hamilton, C.** & McKibbin, C. (July 2012). *A Change in Linear Dependency: Making Functions Culturally Relevant Using 5E.* .Presentation at the Conference for Advancement of Mathematics Teachers (CAMT), Houston, TX

- **Hamilton, C. & Edwards, N.** (July 2011). *Communication in the Mathematics Classroom*. Presentation at the Conference for Advancement of Mathematics Teachers (CAMT), Grapevine, TX

National Award

Kappa Delta Pi International Honor Society in Education, 2011

Professional Membership

- American Educational Research Association (AERA)
- Association of Mathematics Teacher Educators (AMTE)
- National Council of Teachers of Mathematics (NCTM)
- Association of Mathematics Teacher Educators-Texas (AMTE-TX)
- Texas Council of Teachers of Mathematics (TCTM)
- National Council for Teacher of Mathematics (NCTM)
Mathematics Journal- peer reviewer, 2011-present

References available upon request