Educational Experience

Degree	*Year*	*Institution*	*Major*
Ph.D.	Dec. 2010	North Carolina State University	Curriculum & Instruction
M.Ed.	May 1994	North Carolina State University	Special Education
B.A.	May 1985	Duke University	Anthropology

University Level Experience

August 2011 – Current **Teaching Assistant Professor**
August 2010 – July 2011 **Lecturer**
North Carolina State University, Raleigh, NC

Licensure

North Carolina "M-Level" 7/1/09-6/30/14

- *Middle School Mathematics 6-9*
- *Learning Disabilities K-12*

National Board Certification 2000, Renewed, 2010-2020

- *Exceptional Needs Mild to Moderate ages 3-21*

University Level Courses Taught

August 2010 – Current	ELM 310 *Children's Thinking and Additive Reasoning: K-2* ELM 574 *Methods for Teaching Mathematics in The Elementary Classroom for Initial License* ECI 400 & ECI 480 *Connections Seminar III & Connections Seminar IV Instructional Design and Assessment* ELM 556 Rational Number Reasoning ELM 558 Algebraic Reasoning
May 2002 - Summer 2012	ECI 620 *Special Problems in Special Education: Math* Developed and Initiated this graduate level course at the request of University. One of the first of its kind across the country
January 2005 - May 2007	ECI 416 *Teaching Exceptional Students in the Mainstream*

Publications

Faulkner, Walkowiak, Cain, Lee (2016). Equality Matters: The critical implications of precisely defining equality. *The Australian Association of Mathematics Teachers Journal* (Accepted with minor revisions).

Vondervor, Rice, Faulkner, Kimble (2016). Dissecting Decimals Data to Determine Direction (working title). *Teaching Children Mathematics.* (Revise and Re-submit)

Faulkner, V.N., Stiff, L.V., Marshall, P.L., Crossland, C., Nietfeld, J. (2014) The Impact of Race and teacher perceptions as Predictors of Algebra Placement, *Journal for Research in Mathematics Education, 45 (3) pp. 288-311.*

Faulkner, V.N. (2013). Language, Math, and the Common Core. *Phi Delta Kappan, 95 (2), pp. 59-63.*

Faulkner, V.N., Cain, C. (2013). Improving the Mathematical Content Knowledge of General and Special Educators: Evaluating a Professional Development Module That Focuses on Number Sense
Teacher Education and Special Education, May 2013 vol. 36 no. 2 115-131.
Published online before print March 25, 2013, doi:10.1177/0888406413479613

Faulkner, V.N., Crossland, C.L., Stiff, L.V. (2013). Predicting Eighth grade algebra placement for students with IEPs, *Exceptional Children*, Vol. 79, No. 3, pp. 329

Cain, C., & Faulkner, V.N., (2011) Teaching number in the early elementary years. *Teaching Children Mathematics 18(5), 288-295.*

Faulkner, V. & Dupree, S., (2010). *The Foundations of Algebra: Student Text and Teacher Resource Book.* Portland, Maine: Walch Education.

Faulkner, V. & Dupree, S., (2010). *Introduction to High School Mathematics: Student Text and Teacher Resource Book.* Portland, Maine: Walch Education.

Faulkner, V. (2009). The Components of Number Sense: An instructional model for teachers. *Teaching Exceptional Children* 41(5), 24-30.

Manuscripts Under Review
Faulkner, V.N., Marshall, P.M., Stiff, L.V., Crossland, C.L.(2016). Less is more in decision-making: Teacher impressions, mathematics placements, and closing the achievement gap. *Educational Leadership* (Under Review).

Faulkner, V.N. (2016) Subitizing through the years! *Phi Delta Kappan.* (Under Review)

Faulkner, Walkowiak, Cain, Lee (2016) Equality Matters: The critical implications of precisely defining equality *The Australian Association of Mathematics Teachers Journal* (Under Review).

Carrier, S.J.**, Faulkner, V.N**., & Bottomley, L. (2016). Walking the walk: An integrated STEM project for elementary teachers. *Journal of Interdisciplinary Teacher Leadership* (Under review)

Parent, Maloney, Fox, Faulkner, Kimble (2016). The Common Core, the Area Model, and Communicating to Parents (working title). *Phi Delta Kappan* (Under Review).

Grant Received
2012 NC Quest: Supporting the Implementation of the Common Core State Standards in Mathematics: The Development of Elementary Mathematics. The University of North Carolina General Administration,$299,920. PI: Temple Walkowiak, Alina Duca, Paola Sztajn & Valerie Faulkner

Select Conference Presentations

June 2015	Featured Speaker: Utah State Office of Education – Utah Multi-tiered Systems of Support Conference, Logan, Utah *Algebraic Reasoning and Linear Equations* *Conceptual Math* (with Chris Cain)
August 2014	Keynote Address: SAS High Five Math Summit, Cary, NC *From Counting to Calculus: The Number Line as a Critical Mathematical Structure*
February 2014	Association of Mathematics Teacher Educators, Irvine, CA. *Preparing Elementary Mathematics Specialists: An Examination of Participant Change, Challenges, and Implications*

February 2013	American Association Colleges of Teacher Educators, Orlando, FL *Walking the Talk: Implementing a field based, STEM-focused, Integrated Unit Plan with Undergraduate pre-service teachers.*
April 2010	Council for Exceptional Children, National Conference Nashville, TN *The Components of Number Sense: An Instructional Model for Teachers*

Awards and Honors

Recipient

NC State College of Education Outstanding Teacher Award, 2015
NC State Alumni Association Outstanding Teaching Award, 2015
NC State Chancellors Creating Community – Outstanding Faculty Award, 2014

Finalist

North Carolina State University College of Education Outstanding Teacher Award, 2011

Nominated

North Carolina State University College of Education Outstanding Teacher Award, 2007, 2010
NC State Chancellors Creating Community – Outstanding Faculty Award, 2013