

**ABBREVIATED VITA**  
**of**  
**Beth McCulloch Vinson**

Associate Professor and Program Head for Elementary Education  
July 1996 - Present

**Education:**

University of North Alabama	B.S. 1989	Elementary Education and Curriculum
University of North Alabama	M.A. 1992	Elementary Education and Curriculum
University of Alabama	Ed.S. 1994	Elementary Curriculum & Instruction
University of Alabama	Ph.D. 1994	Major: Elementary Curriculum & Instruction Minor: Educational Psychology Minor: Educational Research Methodology Foreign Language: Spanish

**Current Courses:**

EL 324 – Teaching Mathematics in the Primary Grades  
EL 424 – Teaching Mathematics in the Intermediate Grades

**Previous Employment:**

Lawrence County Schools  
Homebound Instructor  
2/96 - 5/96

The Learning Tree  
After-School Art Teacher (K-12)  
7/95 - 8/97

The Art Attic  
Owner, Teacher Private Art School  
6/95 - 2006

University of Alabama  
Adjunct Instructor, Graduate Teacher  
5/94 - 2000

East Lawrence Elementary  
Private Art Teacher (K-12)  
8/94 - 5/96

University of Alabama  
Temporary Faculty, Teacher Education  
8/93 - 5/94

University of Alabama  
Graduate Teaching Assistant  
5/92 - 8/93

East Lawrence Elementary

Third Grade Teacher, Fine Arts Instructor  
8/89 - 5/92

University of North Alabama  
Assistant, Learning Resources Center  
8/88 - 5/89

Betty's Preschool and Daycare  
Director of 3- and 4-year-old programs  
8/79 - 9/80

**Journal Publications:**

"Employing an Acronym for Successful Discussion of the Outcomes of the Teacher Education Program," Spring 2006, *Teaching, Etc.*, 9(1). (with N. Mitchell and S.C. Posvar).

"Learned Helplessness: Causes and Effects," Spring 2006, *Teaching, Etc.*, 9(1). (with K.B. Vinson).

"Perceptions of Taking Courses over the Internet are Revealed from Six Early Childhood and Elementary Classes: Quantitative and Qualitative Data" Spring 2005, *Teaching, Etc.*, 8(1), 16-18. (with R.M. Jarrett).

"Jean Piaget, Jerome Bruner, and TouchMath." *TouchMath*, Fall 2004, 11,19.

*A Foundational Research Base for the TouchMath Program*. Innovative Learning Concepts, Inc., June 2004 (a research paper of 24 single-spaced pages).

"From Concrete to Pictorial to Symbolic." *TouchMath*, Spring, 2004, 3, 11, 13.

"Learning of Concepts Follows a Predicted Set of Stages," available at [www.touchmath.com/index.php?CAT\\_UID=116](http://www.touchmath.com/index.php?CAT_UID=116), Spring, 2004.

"Math Can Be Easier to Teach and Learn." *Instructor*, Scholastic, Inc. Jan/Feb 2004.

"TouchMath Combines All 3 Learning Stages." *Instructor*, 34, Jan/Feb 2004.

"Why I Chose Teaching as a Career." *Teaching, Etc.*, 17(1), Athens State University, Athens, AL., 2004. (Article Edited, Submitted, and Published with Kim Malone).

"Elementary Mathematics Preservice Teachers Experience a Choice of Field Placements." *Teaching, Etc.*, 17(1), Athens State University, Athens, AL., 2004.

"Why TouchMath? A Leading Professor Reveals Evidence." *TouchMath: Alphabet of Mathematics*, Spring, 2004, Colorado Springs, CO: Innovative Learning Concepts, 3, 11, 19.

"TouchMath Support System (A Review)." *Instructor*, October 2003, 34.

"Please Understand Me: by Kiersey and Bates." *The Library Beacon*. Athens, AL: Athens State University, 9.

"Is This Geometry Class or Art Class? An Integrated Approach." *Alabama Journal of Mathematics*, 26(1), Spring 2002, 31-42.

"A Comparison of Preservice Teachers' Mathematics Anxiety Before and After a Methods Class Emphasizing Manipulatives." *Early Childhood Education Journal*, 29(2), Winter 2001, 89-94.

"Ambassadors Represent ASU School of Education Well." *Teaching, Etc.*, Spring 2001, 10-11.

“A Strong Partnership from a Commitment to Quality Education.” Teaching, Etc. 5(1), 6.

“Fishing and Vygotsky’s Concept of Effective Education.” Young Children. 56(1), 88-89.

“Integration: The Theme of Contemporary Education.” Teaching, Etc. 3(2), 3-4.

Heritage Book Committee. (1998). *Early Lawrence County School Teacher.* The Heritage of Lawrence County, Alabama. Heritage Publishing, 15.

Heritage Book Committee. (1998). *The Moulton Advertiser.* The Heritage of Lawrence County, Alabama. Heritage Publishing, 14.

Wakefield, J.F. (1996). *Reflection in Practice: Building Confidence Through Peer Models.* Educational Psychology: Learning to be a Problem Solver. Houghton Mifflin, 516.

Wakefield, J.F. (1996). *Reflection in Practice: Teaching Division for Understanding.* Educational Psychology: Learning to be a Problem Solver. Houghton Mifflin, 182.

#### **Papers Presented and Published (Selected):**

“Reducing Mathematics Anxiety in Fourth Grade ‘At-Risk’ Students.” Paper presented at the annual meeting of the Mid-South Educational Research Association. ED 417 931

“A Comparison of Preservice Teachers’ Mathematics Anxiety Before and After a Methods Class Emphasizing Manipulatives.” Paper presented at the annual meeting of the Mid-South Educational Research Association. ED 417 136

“A Comparison of Pre- and Post-Levels of Mathematics Anxiety among Preservice Teacher Candidates Enrolled in a Mathematics Methods Course.” Paper presented at the annual meeting of the Mid-South Educational Research Association. ED 417 137

"A Comparison of Sense of Efficacy Before and After Clinical Experience for Pre-Student-Teaching Novices in an Elementary Methods Program." Paper presented at the annual meeting of the Mid-South Educational Research Association. ED 394 914

#### **Other Collegiate Assignments:**

*Member,* Campus Facilities Committee

*Member,* Sabbatical Committee

*Member,* Professional Development School Committee

*Member,* Dean’s Advisory Council

#### **Current Professional Assignments and Activities:**

Editorial Review Board, National Council of Teachers of Mathematics, Fall 1999-present

Editor, *Alabama Journal of Mathematics*, Fall 2000 - present

Reviewer, (Manuscript Reviewer), *Social Behavior and Personality: An International Journal*, Summer 2006

#### **Research:**

Ongoing study of mathematics anxiety issues among elementary teaching candidates.

The full vita is available at <http://www.athens.edu/vinsobm/profile.html>