



## Curriculum Vita 2016

**Professor:** Vanessa Huse  
**Academic Department:** Mathematics  
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### EDUCATION

**East Texas State University, *Ed.D.* 1986.**

Major - Secondary and Higher Education / Computer Science  
Curriculum, Instruction and Supervision

**North Texas State University, *M.Ed.* 1982.**

Major - Computer Science / Education

**Sam Houston State University, *B.A.T.* 1979.**

Major - Mathematics, Minor – Biology

### TEACHING EXPERIENCE

**2001 to Present**

Instructor Mathematics. Texas A&M-Commerce

**1990 – 2001**

Instructor, Computer Science Instructor. Kilgore College  
Grant Writer

**1982- 1990**

Department Chair of the Computer Science Department. Tenured  
1988. Lon Morris College.

**1986-1987**

Instructor of computer and mathematics education courses.  
University of Texas at Tyler

**1980-1982** Mathematics/ Computer Science instructor. Ursuline Academy.  
**1979-1980** Mathematics instructor. Conroe ISD.

<b>PUBLICATIONS</b>
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Huse, Vanessa. "A Graphics Approach to Computer Literacy." *Interface*: Winter 1983.

Huse, Vanessa. "CAI - What's Ahead." *The Computer Instructor*. November 1984.

Huse, Vanessa. "Computer Literacy Curriculum." *Eric Clearing House*. January 1985.

Huse, Vanessa. "Mathematics History the Topic - Computing the Key." *The Journal of Computers in Mathematics and Science Teaching*, 1985.

Huse, Vanessa. Computer Math Curriculum. *Educational Region VII Service Center - Total Project*, 1985.

Huse, Vanessa. Informal Geometry Curriculum. *Educational Region VII Service Center - Total Project*, 1985.

Huse, Vanessa. *Predicting Success of Computer Science Students in Four-Year State Institution or Higher Education*. Dissertation. 1986.

Huse, Vanessa. *Great Escapes in East Texas*. Pineywoods Press, 1991.

Huse, Vanessa, Taylor, Rhonda, Blumel, Nancy. "From Paper to Pop-Ups." *The Mathematics Teacher*, 1993.

Reed, Brenda, Huse, Vanessa. "TECHNO-ZOO." *NCTM - Online Journal for School Mathematics*, January 2007.

McAnally, Maribeth, Huse, Vanessa. "Using Virtual Manipulatives in Mathematics for PreService Teachers." *TCEA Research Symposium*, 2007.

Beck, Shari, Huse, Vanessa, Reed, Brenda. "A VIRTUAL SPIN ON THE TEACHING OF PROBABILITY." *Teaching Children Mathematics*, 2007.

McAnally, Maribeth, Huse, Vanessa. "Using Virtual Manipulatives in Mathematics for PreService Teachers." *ICTCM Research Journal*, 2007.

Beck, Shari, Huse, Vanessa, Reed, Brenda. "HOW DOES YOUR MATHEMATICAL GARDEN GROW." *NCTM – Middle School Journal*, 2007.

McAnally, Maribeth, Huse, Vanessa, "Using Virtual Manipulatives in Middle School Mathematics." *ICTCM Research Journal*, 2009.

## RESEARCH GRANTS, AWARDS, AND NOTEABLES

### Grants:

- 1985, Sam Taylor Fellowship
- 1985, Outstanding Young Women of America
- 1988, Sam Taylor Fellowship
- 1990, Eisenhower Mathematics and Science Program Grant
- 1994, National Science Foundation -Instrumentation and Laboratory
- 1990, Sam Taylor Fellowship
- 1991, Eisenhower Mathematics and Science Program Grant
- 1992, Two Eisenhower Mathematics and Science Program Grants
- 1993, Eisenhower Mathematics and Science Program Grant
- 1994, Two Eisenhower Mathematics and Science Improvement - for a Multimedia lab in Computer Science
- 1995, Three Eisenhower Mathematics and Science Program Grant
- 1996, Two Eisenhower Mathematics and Science Program Grant
- 1997, Two Eisenhower Mathematics and Science Program Grant
- 1998, Two Eisenhower Mathematics and Science Program Grant
- 1999, Eisenhower Mathematics and Science Program Grant
- 2000, Eisenhower Mathematics and Science Program Grant
- 2001, Two Eisenhower Mathematics and Science Program Grant
- 2002, Pattern, Relations and Functions in the Middles Grades, THECB, \$89,277
- 2003, Problem Solving and Technology in the Middles Grades, THECB, \$79,319
- 2004, Middle School Mathematic 1, THECB, \$79,982
- 2004, Middle School Mathematics 2, THECB, \$79,993
- 2005, Algebra in the Middles Grades, THECB, \$81,952
- 2006-2007, Probability and Statistics in the Middles Grades, THECB, \$169,128
- 2006-2007, Algebraic Thinking in the Middles Grades, THECB, \$169,126
- 2008, Probability in the Middles Grades, THECB, \$86,769
- 2008, Casting for Knowledge, Carl Perkins State Leadership Grant, \$149,000
- 2009, Measurement in the Middles Grades, THECB, \$169,921
- 2009, Project PHONE, Carl Perkins State Leadership Grant, \$149,372
- 2010, Measurement in the Middles Grades, THECB, \$64,434
- 2011, Measurement in the Middles Grades, THECB, \$85,839

2012, Algebra in the Middles Grades, THECB, \$98,592  
2013, Algebra in the Middles Grades, THECB, \$88,500  
Total Funding \$3,172,527

**Professional Association Membership:**

National Council of Mathematics Teachers  
East Texas Council of Mathematics Teachers  
-Program Chair: 1987-1988  
Texas Computer Educators Association  
International Council of Computers in Education  
Reader for Carl Perkins Grant Funds – 1994  
Reader for National Science Foundation - 1994, 1995, 1996  
Instrumentation, Curriculum Development, and Faculty Enhancement