

Curriculum Vita  
JASPER, WILLIAM ALLEN, Ph. D.  
Sam Houston State University, Professor  
Department of Mathematics and Statistics  
September 5, 2017

## **1. Academic Training**

### **a. Academic Degrees**

Ph. D. Texas A&M University 1997  
M. S. University of Southern California  
B. S. Lafayette College

### **b. Professional Teaching Certifications (Texas)**

Secondary Mathematics (grades 06 – 12)  
Elementary Self-contained (grades 01 – 08)  
Secondary Chemistry (grades 06 – 12)  
Information Processing Technologies (grades 01 – 12)

## **2. Summary of Work Experience**

### **a. Professional Experience**

2000-present	Sam Houston State University, Professor and Associate Professor
1998-2000	Stephen F. Austin State University, Assistant Professor
1995-1998	Blinn College, Mathematics Instructor
1991-1998	College Station ISD, Mathematics Teacher
1989-1991	Texas A&M University, Graduate Student/Research Assistant
1967-1989	United States Air Force, Lieutenant Colonel, retired

### **b. Faculty Teaching Experience**

Sam Houston State University

- MTH 1384 Introduction to the Foundations of Mathematics, Part I
- MTH 1385 Introduction to the Foundations of Mathematics, Part II
- MTH 2384 Functions and Graphs
- MTH 3381 Introduction to the Foundations of Mathematics, Part III
- MTH 3383 Geometric Measure and Transformations
- MTH 3386 Fundamentals of Probability and Statistics
- MTH 3387 Problem Solving in Middle School Mathematics
- MTH 5389 Probability & Statistics for Middle School Teachers
- MTH 5382 Discrete Mathematics for Teachers
- MTH 5383 Geometry and Measurement
- MTH 5385 Mathematics for Junior High School Teachers
- EED 5391 Problems in Teaching Elementary Mathematics

Stephen F. Austin State University  
ELE 300 Classroom Management and Discipline  
ELE 303 Teaching Mathematics  
ELE 521 Teaching Mathematics in Elementary School, Advanced  
ELE 527 Elementary/Middle School Child Development, Advanced  
Blinn College  
MTH 1314 College Algebra  
MTH 1324 Introduction to Statistics  
MTH 1350 Math for Elementary Teachers

### 3. Scholarly and creative contributions

#### a. Juried contributions – published

Wilkerson, T., Sorto, M.A., Jasper, B., Cooper, S., Mallam, W., Eddy, C.M., Parker, Y.A., Quebec Fuentes, S., Taylor, J., & Ward, E.K. (In press). *A framework for algebra teacher self-efficacy*. Teacher Education and Practice.

Eddy, C. M., Fuentes, S. Q., Ward, E. K., Parker, Y. A., Cooper, S., Jasper, W. A., Mallam, W. A., Sorto, M. A., & Wilkerson, T.L., *Unifying the Algebra for All Movement*, Journal of Advanced Academics, Jan. 2015.

Polnick, B., & Jasper, W. (2014). *Women in STEM: What's spatial reasoning got to do with it?* In B. J. Irby, J. Boswell, N. Abdelrahman, R. Lara-Alecio, & F. Tong (Eds.) *Gender related issues in STEM*. San Antonio, TX.

Eddy, C. M., Jasper, W. A., Wilkerson, T. L., Sorto, M. A., Cooper, S., Ward, E., Fuentes, S., Mallam, W. A., & Parker, Y. A. (2014). A conceptual model for algebra teacher self-efficacy. In Matney, G. T. and Che, S. M. (Eds.). *Proceedings of the 41st Annual Meeting of the Research Council on Mathematics Learning* (pp.129-137). San Antonio, TX.

Jasper, William A., Polnick, Barbara E., and Taube, Sylvia R., *Teaching Strategies and Activities that Enhance Spatial Visualization*, Learning and Teaching Mathematics, December 2012.

Jasper, William A. and Foster, Andrea S., *Mentoring the Beginning Teacher During Student Teaching: An Illustrative Case Study*, Teacher Education and Practice, Winter 2010.

Foster, Andrea S. and Jasper, William A., *A New Pandemic: Who Will Teach Middle School Science and Mathematics in Texas*, The Texas Science Teacher, October 2010.

Foster, Andrea S. and Jasper, William A., *Aligning the Texas College and Career Readiness Standards with a Model Middle School Science Teacher Preparation Program Curriculum Project*, Texas College and Career Readiness Initiative, Texas Education Agency, Aug. 2010.

Taube, S. R. and Jasper, W.A. Reaching out to English Language Learners: An in-service project for mathematics teachers, *Southeastern Teacher Education Journal*, Spring 2009.

Jasper, William A. and Taube, Sylvia, *Professional Development Training Module: Mathematics for English Language Learners Project*, Texas State University System/Texas Education Agency Publication, Apr. 2008.

Taube, Sylvia and Jasper, William A., *A Program that Promotes Responsive Mathematics Teaching and English Language Learners in Gr. 6-12 Classrooms*, Conference Proceedings, The Ninth International Mathematics Education in a Global Community Conference, pp 648-452 (Sep. 2007)

Taube, Sylvia, Long, Carolyn, and Jasper, William, *Helping Teachers Empower English Language Learners in Mathematics Classrooms*, Conference Proceedings, Research on Women In Education 2005 Conference (published Apr. 2006).

Jasper, William A. and MELL Group, *Teachers Guide to Teaching Mathematics for English Language Learners*, Texas State University System/Texas Education Agency Publication, Nov. 2005.

Taube, Sylvia, Polnick, Barbara, and Jasper, William A., *Guiding Teachers in Conducting Action Research*, Academic Exchange Quarterly, Vol. 9, Issue 3, Fall 2005.

Taube, Sylvia, Polnick, Barbara, and Jasper, William A., *Designing and Using Alternative Assessments to Measure the Problem Solving Skills of Elementary Students*, The Journal of Border Educational Research, Vol. 3, No. 2, Fall 2004.

Jasper, William A. and Taube, Sylvia, *Action Research of Elementary Teachers' Problem-solving Skills*, Teacher Education and Practice, Summer 2004.

Jasper, William A. and Arp, Kimberly, *A Comparative Analysis of Teacher Preparation Programs in Portugal and Texas*, Teacher Education and Practice, Fall, 2002.

Jasper, William A., *Assessment of Teacher Preparation Programs in Texas – The TxBESS Activity Profile*, Standards and Schooling in the United States: An Encyclopedia by Joe L. Kinchelow and Danny Weil (editors), 2001, ABC-CLIO, Santa Barbara, CA, p. 1075-1082.

Jasper, William A., and Johnson, Christine, *A Standards-based Approach Toward Teaching Proportional Reasoning in the Middle School Classroom*, The Texas Mathematics Teacher, Spring, 2001.

Jasper, William A., *A Three-part Approach Toward Making Algebra Accessible to All Students*, New Mexico Middle School Journal, spring, 1999.

Jasper, William A., *A Three-part Approach Toward Making Algebra Accessible to All Students*, Texas Middle School Journal, fall, 1998.

Jasper, William A., *Termite Biology and Control (Chapter 6, Basic Mathematics for Termite Treatments)*, Texas A&M University, 1998.

Jasper, William A. and Cunningham, Claude E., *Algebra for Everyone*, Texas Study of Secondary Education, fall, 1993, p31-32.

## **b. Non-juried contributions – published**

Jasper, William A. and MELL Group, *Spanish Translations of Some Common Mathematics Terms Used in Middle School and High School*, Texas State University System Publication, June 2007.

Jasper, William A. *Texas MELL Project Helps English Language Learners in Mathematics*, Noticias de TODOS newsletter, Spring, 2007.

Jasper, William A., *Mathematics for English Language Learners*, Texas Mathematics Teacher, Spring, 2007.

## **c. Presentations at national, regional, state, and local conferences (2005-2016)**

“What Were They Thinking: Helping Teachers to Improve Teaching and learning through Action Research,” Association of Mathematics Teacher Educators (AMTE) annual conference, Dallas, Texas, Jan. 2005.

“Developing Highly-Qualified Middle School Mathematics Teachers,” Southwest Educational Research Association (SERA) annual conference, Dallas Texas, Feb. 2005.

“Seven Tested Spatial Visualization Activities,” National Council of Teachers of Mathematics annual conference, Anaheim, California, Apr. 2005.

“Strategies that Address the Specific Learning Needs of English Language Learners in Mathematics,” International Mathematics and Education Conference (IMEC), San Antonio, Texas, July 2005.

“Teacher Quality Grants: Obtain Great Activities and Meet new Friends,” CAMT, Dallas, Texas, July 2005.

“Improving Mathematics Teaching for English Language Learners,” CAMT, Dallas, Texas, July 2005.

“Helping English Language Learners with Mathematics,” Celebration of Teaching Conference, Huntsville, Texas, Sep. 2005.

“Improving Science and Mathematics Teaching in Rural Middle and Elementary Schools,” School, Science and Mathematics Conference, Fort Worth, Texas, Nov. 2005.

“Using Teacher Quality Materials with In-service and/or Pre-service Teachers: Middle School Mathematics,” Dana Center Mathematics and Science Higher Education Conference, Lakeway, Texas, Nov. 2005.

“Meeting the Needs of English Language Learners in Mathematics Classrooms,” Association of Mathematics Teacher Educators (AMTE) annual conference, Tampa, Florida, Jan. 2006.

“Strategies that Address the Specific Learning Needs of English Language Learners in Mathematics,” Southwest Educational Research Association (SERA) Conference, Austin, Texas, Feb. 2006.

“Mathematics Resources and Strategies to Help English Language Learners,” Texas Middle School Association (TMSA) Conference, Galveston, Texas, Mar. 2006.

“Using Geometer’s Sketchpad to Help English Language Learners Learn Geometry and Measurement Concepts,” International Mathematics and Education Conference (IMEC), San Antonio, Texas, July 2006.

“Teaching Strategies and Activities that Enhance Spatial Visualization,” CAMT, Houston, Texas, July 2006.

“Mathematics Resources and Strategies to Help English Language Learners,” Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) Conference, Edinburg, Texas, Nov. 2006.

“Strategies for English Language Learners in Mathematics,” Texas Association of School Administrators (TASA) Winter Conference, Austin, Texas, Jan. 2007.

“Using Sheltered Instruction Techniques to Increase Mathematics Understanding of English

- Language Learners," Southwest Educational Research Association (SERA) conference, San Antonio, Texas, Feb. 2007.
- "Using MELL Project Resources to help English Language Learners learn Mathematics," Institute of Second Language Acquisition (ISLA) Conference, San Antonio, Texas, Feb. 2007.
- "The MELL Project - Mathematics Resources to help English Language Learners," Institute of Second Language Acquisition (ISLA) Conference, Houston, Texas, Mar. 2007.
- "Strategies and Resources for Improving the Mathematics Performance of English Language Learners," National Council of Supervisors of Mathematics (NCSM), Atlanta, Georgia, Mar. 2007.
- "Resources and Strategies for the English Language Learner in Mathematics," National Council of Teachers of Mathematics (NCTM), Atlanta, Georgia, Mar. 2007.
- "Enhancing Vocabulary Development in Mathematics Lessons," Enhancing Success Through Research-based Instructional Practices for English Language Learners' Achievement (ESTRELLA) Conference, South Padre Island, Texas, May 2007.
- "Teaching Mathematics and Vocabulary Together," Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, Texas, Jun. 2007.
- "Helping ELLs Learn Mathematics Vocabulary in Context," Mathematics for English Language Learners (MELL) Conference, San Marcos, Texas, Jul. 2007.
- "A Program that Promotes Responsive Mathematics Teaching for English Language Learners in Gr. 6-12 Classrooms, The Ninth International Mathematics Education in a Global Community Conference, Charlotte, North Carolina, Sep. 2007.
- "Meshing Linguistic Objectives with Mathematics Lessons," Texas Association of Bilingual Education (TABE) Conference, San Antonio, Texas, Oct. 2007.
- "Academic Language" panel discussion, The Charles A. Dana Center's Annual Mathematics and Science Higher Education Conference, Austin, Texas, Oct. 2007.
- "Creating Mathematics Lessons with Good English Language Support," Rio Grande Valley Council of Teachers of Mathematics Conference, Edinburg, Texas, Nov. 2007.
- "Helping English Language Learners Develop Mathematics Vocabulary," National Council of Teachers of Mathematics (NCTM) Regional Conference, Houston, Texas, Nov. 2007.
- "Developing English Language Skills in a Mathematics Classroom," Sam Houston State University Mathematics Conference, Huntsville, Texas, Feb. 2008.
- "Teachers as Action Researchers: Improving Mathematics Understanding of English Language Learners," Southwest Educational Research Association (SERA) conference, New Orleans, La., Feb. 2008.
- "Middle School Mathematics and the English Language Learner: What can Teachers do to Help?" Texas Middle School Association (TMSA) Conference, Austin, Texas, Feb. 2008.
- "Preparing Middle School Mathematics Teachers to Teach Geometric Concepts Using Geometer's Sketchpad," International Conference on Technology in Collegiate Mathematics (ICTCM) Conference, San Antonio, Texas, Mar. 2008.
- "Nothing Fishy about it! Making Science and Mathematics Come Alive for ELLs," Stand TALL (Teaching All Language Learners) Conference, South Padre Island, Texas, May 2008.
- "Using Geometer's Sketchpad to Help English Language Learners," Conference for the Advancement of Mathematics Teaching (CAMT), Dallas, Texas, July 2008.
- "Using Manipulatives and Geometer's Sketchpad Software to help English Language Learners Develop Mathematics Vocabulary," Mathematics for English Language Learners Conference, San Marcos, TX, July 2008.
- "Helping English Language Learners: It's more than just language objectives in lessons," NCTM Regional Conference, Oklahoma City, Ok, Oct. 2008.
- "Discovering geometry concepts with Geometer's Sketchpad," T cubed Conference, Waco, TX, Oct. 2008.
- "Preparing Pre-service teachers to meet the challenges of the increasing English Language

- Learner population in Texas," UT Dana Center Higher Education Conference, Austin, TX, Oct. 2008.
- "Enhancing academic language development in mathematics classes," NCTM Regional Conference, Reno, NV, Nov. 2008.
- "Teaching language skills in content classes," Rio Grande Valley Council of Teachers of Mathematics Conference, Edinburg, TX, Nov. 2008.
- "Using writing samples to assess the mathematics understanding of English Language Learners, SERA Conference, San Antonio, TX, Feb 2009.
- "Equity in Texas: Helping all students be successful in mathematics," SHSU Mathematics Conference closing **keynote speaker**, Huntsville, TX, Feb 2009.
- "Helping ELL students develop language skills in content classrooms," National Association of Bilingual Education Conference, Austin, TX, Feb 2009.
- "Helping English Language Learners be successful in mathematics: What can we do?" Central Texas Council of Teachers of Mathematics, **keynote speaker**, Waco, TX, Feb 2009.
- "Preparing middle school mathematics teaches to teach geometry concepts using Geometer's Sketchpad," International Conference for Technology in Collegiate Mathematics, New Orleans, LA, Mar 2009.
- "Meeting the special needs of English Language Learners (ELLs) in mathematics classrooms," National Council of Teachers of Mathematics (NCTM), Washington, DC, Apr. 2009.
- "Helping ELLs master vocabulary in mathematics," Mathematics for English Language Learners Conference, San Marcos, TX, June-July 2009.
- "MELL video resources for teacher professional development," Mathematics for English Language Learners Conference, San Marcos, TX, June-July 2009.
- "Preparing pre-service teachers to help English Language Learners," Conference for the Advancement of Mathematics Teaching (CAMT), Houston, TX, July 2009.
- "Helping ELLs develop language skills in mathematics classrooms, Conference for the Advancement of Mathematics Teaching (CAMT), Houston, TX, July 2009.
- "Improving Mathematics Language Acquisition for English Language Learners," **Featured speaker** at Georgia State Mathematics Conference, Eatonton, GA., Oct. 2009.
- "Helping ELLs learn academic vocabulary in mathematics and science classes," School, Science and Mathematics Association (SSMA) Conference, Reno, NV, Oct. 2009.
- "Who will teach middle school mathematics and science? Defining a model preparation program," School, Science and Mathematics Association (SSMA) Conference, Reno, NV, Oct. 2009.
- "Equity in Texas – Helping our ELLs be successful in mathematics and science," Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) Conference, Edinburg, TX, Nov. 2009.
- "Developing Geometric Understanding with Pre-service Mathematics Teachers, Southwest Educational Research Association (SERA) conference, New Orleans, LA, Feb. 2010.
- "Strategies that Work with Middle School Mathematics and Science ELLs,' Texas Middle School Association (TMSA) conference, Arlington, TX, Mar. 2010.
- "Using Geometer's Sketchpad to Raise Teachers' Conceptual Understanding at Three Different Levels," International Conference of Technology in Collegiate Mathematics (ICTCM) conference , Chicago, IL, Mar. 2010.
- "We are Leaving our English Language Learners Behind – How Teachers Can Help,' National Council of Teachers of Mathematics (NCTM) conference, San Diego, CA, Apr. 2010.
- "Something SMELLY by the Sea – Science and Mathematics for English Language Learners and You," ME at SEa Conference, Corpus Christi, TX, Jun. 2010.
- "HELP with ELPS: Designing Mathematics and Science Experiences for Today's Classrooms," Mathematics for English Language Learners (MELL) conference, San Marcos, TX, Jul. 2010.
- "MELL Video Resources for Teacher Professional Development," Mathematics for English Language Learners (MELL) conference, San Marcos, TX, Jul. 2010.
- "Enhancing Middle School Mathematics Teachers' Understanding of Geometric Concepts,"

Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, TX, Jul. 2010.

"Equity in Texas: Helping All Students Be Successful in Mathematics," Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, TX, Jul. 2010.

"Advancing Implementation of the College and Career Readiness Initiative," Mathematics and Science Summit, San Antonio, TX, Sep. 2010.

"Using Geometer's Sketchpad and manipulatives to develop mathematics vocabulary," NCTM Regional Conference, Denver, CO, Oct. 2010.

"Developing Conceptual Knowledge in Geometry and Measurement," School, Science and Mathematics Association (SSMA) Conference, Oct. 2010.

"Equity in Texas – Helping our ELLs be successful in mathematics and science," Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) Conference, Edinburg, TX, Nov. 2010.

"Development of an Algebra Teacher Self-efficacy Instrument," Southwest Educational Research Association (SERA) conference, New Orleans, LA, Feb. 2011.

"Unlocking the Secrets of Creative Collaboration: A Phenomenological Study of a Science Faculty Collaboration Curriculum Project," Southwest Educational Research Association (SERA) Conference, New Orleans, LA, Feb. 2011.

"Using the English Language Proficiency Standards during Mathematics and Science Lessons," Texas Middle School Association Conference, Austin, TX, Feb. 2011.

"Concept and Vocabulary Acquisition: Keys to Success in Geometry," National Council of Teachers of Mathematics (NCTM), Indianapolis, IN, Apr 2011.

"Fishing with Nets: Measurement Incorporated," ME in SEa Conference, Corpus Christi, Tx, Jun 2011.

"Incorporating the ELPS into Mathematics Lessons," Conference for the Advancement of Mathematics Teaching, Grapevine, Tx, Jul 2011.

"Enhancing Your Sense of SMELL – Science and Mathematics for ELLs," School, Science, and Mathematics Association Conference, Colorado Springs, Co, Nov. 2011.

"Geometry Activities That Enhance Vocabulary Development," Rio Grande Valley Council of Teachers of Mathematics Conference, Edinburg, TX, Nov. 2011.

"TWS Through Students' Eyes: Exploring Teacher Candidate Perceptions and Suggestions to Inform and Transform Teacher Preparation," SERA conference, New Orleans, LA, Feb. 2012.

"Improving Language Acquisition in Geometry Classrooms," Texas Middle School Association Conference, Galveston, TX. March 2012.

"Sea Shells and ELLs: Enhancing Middle School Science and Mathematics for English Language Learners," Texas Middle School Association Conference, Galveston, TX. March 2012.

"Keys to Success for English Language Learners in Mathematics," National Council of Teachers of Mathematics (NCTM), Philadelphia, PA, April 2012.

"Helping ELLs Visualize Mathematical Concepts," Conference for the Advancement of Mathematics Teaching, Houston, TX, July 2012.

"Helping English Language Learners Achieve College Readiness," NCTM Regional Conference, Dallas, TX, October 2012.

"A Framework for Algebra Teacher Efficacy," Southwest Educational Research Association (SERA) Conference, San Antonio, TX, Feb. 2013.

"Helping ELLs – College is Around the Corner," Conference for the Advancement of Mathematics Teaching, San Antonio, Tx., July 2013.

"Unlocking the Secrets of a Creative Collaboration: A Phenomenological Study of a Science Faculty Collaboration Curriculum Project," Southwest Educational Research Association (SERA) Conference, New Orleans, La., Feb. 2014.

"The Evolution of a Conceptual Model for Algebra Teacher Self-Efficacy," Research Council on Mathematics Learning Conference, San Antonio, Tx, Feb. 2014.

“Activities that Help English Language Learners Increase Geometric Understanding,” National Council of Teachers of Mathematics (NCTM) conference, New Orleans, La. Apr. 2014.

“Enhancing Language Acquisition in Mathematics Lessons,” TODOS Mathematics for All Conference, Chandler, Az, Jun. 2014.

“College Readiness for English Language Learners,” Conference for the Advancement of Mathematics Teaching, Fort Worth, Tx, Jul. 2014.

“Achieving College Readiness for English Language Learners,” National Council of Teachers of Mathematics (NCTM) regional conference, Houston, Tx. Nov. 2014.

“I almost have the degree, so now I have to get a job and get to work,” Southwest Educational Research Association (SERA) Conference, San Antonio. Tx., Feb. 2015.

“Language Acquisition in Mathematics for Struggling Students – What Works,” Research Council on Mathematics Learning (RCML) Conference, Las Vegas, Nv, Feb. 2015.

“Math, Science, Mystery: Solving complex STEM problems,” ME in SEa Conference, Corpus Christi, Tx, Jun 2015.

“Enhancing Language Acquisition During Math Lessons,” Conference for the Advancement of Mathematics Teaching (CAMT), Houston, Tx, June 2015.

“What’s Your View? A Discussion of Accountability Systems on STEM Instruction,” School, Science and Mathematics Association (SSMA) annual conference, Oklahoma City, Ok, Oct. 2015.

“Enhancing Language Acquisition During Mathematics Lessons,” Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) annual conference, Edinburg, Tx, Nov. 2015.

“Deeper Learning for Mathematics Students,” Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) annual conference, Edinburg, Tx, Nov. 2015.

“Vitas, Jobs, and Hiring: What to Expect,” Southwest Educational Research Association (SERA) Conference, New Orleans, La., Feb. 2016.

“Enhancing Deeper Learning for Struggling Math Students,” Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, Tx, June 2016.

“Enhancing Language Acquisition During Math Lessons,” Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, Tx, June 2016.

“STEM Teaching Accountability versus Reality,” School, Science, and Mathematics Association (SSMA) annual conference, Phoenix, Az, Oct. 2016.

“Let’s Help our Students Learn and Retain Math,” Rio Grande Valley Council of Teachers of Mathematics (RGVCTM) annual conference, Edinburg, Tx, Nov. 2016.

“Vitas, Jobs, and Hiring: What to Expect,” Southwest Educational Research Association (SERA) Conference, San Antonio, Tx, Feb. 2017

“Enhancing Deeper Learning for ELLs and Students who are Struggling,” National Council for Teachers of Mathematics (NCTM) annual convention, San Antonio, TX, April 2017

“Helping All Math Students Be Successful,” Conference for the Advancement of Mathematics Teaching (CAMT), Fort Worth, Tx, July 2017.

“I passed Algebra II – Why Can’t I do College Mathematics,” Conference for the Advancement of Mathematics Teaching (CAMT), Fort Worth, Tx, July, 2017.

#### **4. Funded grants**

**a. External funding.** Approximately \$1.2 Million in externally funded grants from 2002-2017

Greater Texas Foundation Grant, “Mathematics and Science Teacher Scholarship Program,” Sep. 2008 – present, Principal Investigator (with Dr. Andrea Foster, Curriculum and Instruction), \$150,000 Awarded 14 scholarships, 2012-2017 (\$2000 each scholarship).

Texas State University System/TEA MELL Grant, “Mathematics for English Language Learners Year 6,” Jan 2010 – Dec. 2010, Principal Investigator, \$65,000



College and Career Readiness Initiative; Science Faculty Collaborative, Co-principal investigator (with Dr. Andrea Foster, Curriculum and Instruction), November 2009-August 2010, \$10,000

Texas State University System/TEA MELL Grant, "Mathematics for English Language Learners Year 5," Dec 2008 – Dec. 2009, Principal Investigator, \$60,000

Texas State University System/TEA MELL Grant, "Mathematics for English Language Learners Year 4," Sep. 2007 – Dec. 2008, Principal Investigator, \$90,400

Texas State University System/TEA MELL Grant, "Mathematics for English Language Learners Year 3," Sep. 2006 – Aug. 2007, Principal Investigator, \$113,500

Texas State University System/TEA LEP Grant, "Mathematics for English Language Learners Year 2," Sep. 2005 – Aug. 2006, Principal Investigator, \$295,949

Texas State University System/TEA LEP Grant, "Mathematics for English Language Learners," Sep. 2004 – Aug. 2005, Co-Principal Investigator, \$195,948

Teacher Quality Grant Director (co-director with Dr. Sylvia Taube, Curriculum and Instruction), 2004-2005, "Increasing the pool of highly-qualified middle school mathematics teachers," \$79,991

Teacher Quality Grant Director (co-director with Dr. Margaret Hammer, Curriculum and Instruction), 2003-2004, "Improving Science and Mathematics Teaching in Rural Schools," \$77,365

Eisenhower Professional Development Higher Education Grant (co-director with Dr. Sylvia Taube, Curriculum and Instruction), 2002-2003, "Standards-based Mathematics for Elementary Teachers," \$79,000.

## **b. Institutional grants**

Faculty Research Enhancement Grant (with Dr. Kim Arp, Curriculum and Instruction), Sam Houston State University, awarded Dec. 2000, \$5,000.

## **5. Honors, awards, and other special recognitions**

President, Southwest Educational Research Association (SERA), 2011-12, SERA Board Member, 2006 -08, 2009-2010

Committee member, National Council of Teachers of Mathematics (NCTM) Professional Development Services Committee (PDSC), 2012-2015

Board member and Awards Committee Chair, TODOS Mathematics for All, NCTM Affiliate Organization, 2011-2014

Winner, Sam Houston State University Excellence in Teaching Award Winner, 2006, finalist 2004 and 2005

Selected as the single Sam Houston State University Nominee for the Minnie Stevens Piper Award for Excellence In Teaching, submitted to Minnie Stevens Piper Foundation, Nov. 2009.

Finalist, Minnie Stevens Piper Award for excellence in teaching, 2009 and 2004

Selected as Doctoral Faculty, 2002-present

Selected as a faculty member who significantly contributed to student success by  
graduating students (averaged 7 students per year, 2008-2016)  
Named an Outstanding Reviewer for the 2007 volume of the American  
Educational Research Journal: Teaching, Learning, and Human  
Development.  
Selected as an editorial reviewer for *Teacher Education & Practice*, 2006-07  
Special Recognition Award for Outstanding Contributions, 2002-2003,  
from the Dean, College of Arts and Sciences, SHSU  
Who's Who Among America's Teachers, 2002, 2003, 2004, 2005, 2006, 2008  
Phi Delta Kappa Honor Society, Stephen F. Austin State University, 1999.  
Phi Kappa Phi Honor Society, Texas A&M University, 1993.  
Kappa Delta Pi, Mu Chi Chapter, Texas A&M University, 1990.  
Awarded 10 Meritorious Service and Commendation Medals during Air  
Force career, 1967 - 1989.  
Outstanding Young Men of America Award, 1980.