

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

1. Academic Degrees
  - Ph. D. Texas A&M University 1997
  - M. S. University of Southern California
  - B. S. Lafayette College
2. Professional Experience
  - 2000-present Sam Houston State University, Assistant/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
3. Professional Certification
  - Secondary Mathematics (grades 06 – 12)
  - Elementary Self-contained (grades 01 – 08)
  - Secondary Chemistry (grades 06 – 12)
  - Information Processing Technologies (grades 01 – 12)
4. Selected Current Professional Memberships
  - National and Texas Council of Teachers of Mathematics (NCTM/TCTM),  
TCTM Parliamentarian (2001-2002), Secretary (2003-2004)
  - National and Texas Middle School Associations (NMSA/TMSA)
  - Southwest Educational Research Association (SERA), Board Member (2006-2008, 2009-2012),  
President-Elect 2010
  - Association of Mathematics Teacher Educators (AMTE)
  - National Council of Supervisors of Mathematics (NCSM)
  - TODOS, an affiliate of NCTM (Awards Committee Chair 2008-2009)
5. Selected Honors
  - Sam Houston State University nominee for Minnie Stevens Piper Professor Award, 2010
  - Sam Houston State University Excellence in Teaching Award Winner, 2006
  - 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*, 2006-09
  - Finalist, Minnie Stevens Piper Award for excellence in teaching, 2004
6. Selected Recent Publications
  - 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.
  - 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., *"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, Sylvia and Jasper, William 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.
  - Jasper, William A. and Taube, Sylvia, *"Professional Development Training Module: Mathematics for English Language Learners Project"*, Texas State University System/Texas Education Agency Publication, Dec. 2007.
  - 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

9th International Mathematics Education Conference, pp 648-652 (published Sep. 2007).

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

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

#### 7. Selected Presentations (2010/2011 only)

"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, April 2011.

“Fishing with Nets: Measurement Incorporated,” ME in SEa Conference, Jun 2011.

“Incorporating the ELPS into Mathematics Lessons,” Conference for the Advancement of Mathematics Teaching, Jul 2011.

#### 8. Approved Grants

Three Eisenhower and Teacher Quality Professional Development Higher Education Grants, 2002-2003, 2003-2004, and 2004-2005, total funding of \$236,356.

Texas State University System/TEA LEP Grant, “Mathematics for English Language Learners,” Sep. 2004 – Dec. 2010, (6 grants) Principal Investigator, \$820,797 total funding.

Greater Texas Foundation Grant, Scholarships for Mathematics and Science Teachers, 2008-2010, \$150,000 funding.

Texas Education Agency College and Career Readiness Initiative: Science Faculty Collaborative grant, “Aligning the Texas College and Career Readiness Standards with a Model Middle School Science Teacher Preparation Program Curriculum Project”, Nov 2009 - August 2010, \$10,000.