

Name: William A. Jasper  
Title: Associate Professor, Mathematics Education  
Department: Mathematics and Statistics  
College: Arts and Sciences

### **Degrees Earned**

Doctor of Philosophy, Curriculum and Instruction (minor, Mathematics Education),  
Texas A&M University, 1997  
Master of Science, Systems Management, University of Southern California, 1972  
Bachelor of Science, Chemistry (minor, Mathematics), Lafayette College, 1967

### **Professional Licensure and Teaching Certifications**

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

### **Peer-Review Publications and Artistic Performances/Exhibitions Articles**

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.

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

## **Books**

## **Chapters**

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. Kinchelov and Danny Weil (editors), 2001, ABC-CLIO, Santa Barbara, CA, p. 1075-1082.

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

## **Proceedings**

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 (published 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).

## **Artistic Performances**

## **Artistic Exhibitions**

## **Research Monographs and Technical Reports**

### **Funded External Grants**

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.

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

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

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

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 MELL Grant, "Mathematics for English Language Learners Year 3," Sep. 2006 – Aug. 2007, Principal Investigator, \$113, 500

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

### **Peer-Review Presentations/Posters**

### **Work or Professional Experiences**

Assistant and Associate Professor, Sam Houston State University, 2000-present

Assistant Professor, Stephen F. Austin State University, 1998-2000

Blinn College Instructor, 1995-1998

Eighth-grade mathematics teacher, College Station ISD, 1991-1998

United States Air Force, 1967-1989, Retired Lieutenant Colonel

### **Honors and Awards**

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*, 2006-07

Finalist, Sam Houston State University Excellence in Teaching Award,

2004 and 2005

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

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

**Other Competencies**