

Jing-Shan (Jason) Guo
Telephone: 713-313-6884
FH 114G
Email guo_js@tsu.edu

Education

December 1991 MS in Math from Texas Southern University, GPA 4.0
Awarded by Graduate School for recognition of *Excellent in Academic Achievement*
Thesis: Norm Topologies on Real Infinite Space
July 1986 BA of Education in Math Teaching from Shanghai Teacher's University, GPA 3.62

Work History

Jan 2009 – Present Math Instructor of Development Math Department
Teaching developmental math courses and tutoring students

Sep 1999 – 2008 Math Instructor of General University Academic Center
Duties includes: 1). Teaching 5 sections of GUAC 101 math classes for test responsible college algebra students.
2). Development of *Kumon* style math book: *A Guided Individualized Learning Exercises* for College Algebra students and high school students who have completed Algebra I and II.
3). Develop Multicultural Math Curricular. Infusion cultural relevant events and history of math in multi cultural aspect into standard math word problems.
4). G-Force Math Program- a community outreach program, granted by *Texas Higher Education Coordinating Board*. Use AGILE Math (*A Guided Individualized Learning Exercises*) to help students in Yates High School where produced significant improvements in students' TAKS Math performance.
5). Training Math tutor and SI for GUAC 101 AGILE Math Project, G-Force and GUAC Bridge Builder Center.
6). Collect and analysis data for GUAC 101 Reading, Writing and Math

Jan1992 – May 1999 Math Instructor of Texas Southern University
Taught Mathematics for Business and Economic Analysis, Plane Trigonometry, College Algebra, Basic Algebra, and Analytical Mathematics
Participated in a National *Curricular Reform and Community Action* project which focuses on implementing computer-intensive curricula to improve students' performance in mathematics

Publication

J Fleming, J Guo (2012) *Ch 16. Multicultural Content and the Mathematics Performance of African American Students at Texas Southern University of Enhancing Minority Student Retention and Academic Performance: What We Can Learn from Program Evaluations*, John , Wiley & Sons, Inc, San Francisco, CA

J Fleming, J Guo, S Mahmood, C Gooden (2004) *Effects of Multicultural Content on Reading Performance*, Center for Research on Developmental Education and Urban Literacy General College, University of Minnesota, Minneapolis, MN.

Conference Presentation

- 2002 Presentation Topic: Socratic Method at a National Association for Multicultural Education Conference. College Station, TX
- 2003 Presentation Topic: Results-Math at National Association of Developmental Education Conference, Houston, TX

Professional Computer Certification

- April 2000 Oracle Certified Internet Application Developer
- April 2000 Oracle Certified Application Developer

Professional Membership

- American Mathematics Society
- National Association of Developmental Education
- National Association for Multicultural Education
- Collegiate Curriculum Reform and Community Action