

Vita

Hosin Shirvani

EDUCATION:

Ph.D. in Curriculum and Instruction (major in Mathematics Education), August 2004, Texas A&M University, College Station, TX.

Science Education Specialist Certificate, August 2002, Texas A&M University, College Station, TX.

M.S. in Soil Physics (minor in Agricultural Engineering), May 1994, Mississippi State University, Mississippi State, MS.

Math Certification Program, May 1987, Louisiana State University, Baton Rouge, LA.

B.S. in Soil & Biometerology (minor in Agricultural Engineering), May, 1981, Utah State University, Logan, UT.

Texas-lifetime mathematics certification since 1997.

EXPERIENCE

Assistant Professor of Curriculum and Instruction, University of Texas-Pan American, 2007-present, Edinberg, TX.

Assistant Professor of Mathematics Education, University of Southern Mississippi, Hattiesburg, MS, 2005-2007.

Mathematics Teacher, Hearne High School, Hearne Independent School District, Hearne, TX, August, 1998- 2004.

Subject taught: physics, geometry, Algebra I, Algebra II, pre-calculus, calculus

Mathematics Teacher, Kennard Independent School District (7-12 grades),
 Kennard, Texas, August 1995-1998.
 Subject taught: Geometry, Prealgebra, Algebra I, Algebra II

Mathematics Teacher, Willowridge High School, Fort Bent Independent School District,
 Houston, TX, August, 1994-1995.
 Subject taught: Math and Money, Algebra I, Geometry

Mathematics Teacher, Bogalusa High School, Bogalusa City Schools, August, 1987-
 1991.
 Subject taught: Geometry, Algebra I

OTHER EXPERIENCE

Mathematics Instructor, Angelina College, Lufkin, TX, 1996-1998.
 Subject taught: Developmental and Remedial Math

Student Teacher Mentor, Blinn College, 2002-2004.

Mathematics Department Head, Hearne High School, 2000-2004.

Research Interest

Mathematics Education
 Students' motivation in mathematics
 Minorities' learning mathematics

Professional/Academic honors and awards

Dean's list, Louisiana State University, 1984-1987
 NSF (The National Science Foundation) scholarship, Texas A&M University, 2001-
 2004

Research activities

1. Shirvani, H. (in press). Effect of teacher communication with parents on students' mathematics achievement. *American Secondary Education*.
2. Shirvani, H. (2007). Effects of teacher communication on parents' attitudes and their children's behaviors at schools. *Education, 128(1)*, 34-47.
3. Shirvani, H. (2006). The effects of using graphic calculators on minority students' comprehension of mathematical concepts. Paper presented at the Louisiana Education Research Association (LERA), Lafayette, LA.

4. Shirvani, H. (2005). Effect of teacher communication with parents on students' mathematics achievement. Paper presented at the Mid-South Educational Research Association, Baton Rouge, LA.
(<http://www.MSERA.org/download/2005THU.pdf>)
5. Shirvani, H. (2004). *The effect of teacher communication on students' mathematics achievement*. Unpublished doctoral dissertation, Texas A&M University, College Station, TX. (will be sent for publication)
6. Shirvani, H. (2002). *Using graphing calculators to improve students' achievement*. Paper presented at the Southwest AETS Regional Conference, Dallas, TX. Retrieved on September, 2004, form:
<http://its.tamu.edu/reseraach/products/practitioner%20research/>
7. Shirvani, H. (1994). *Response of GOSSYM model to Van Genuchten's diffusivity and soil water potential equations for simulation of cotton growth characteristics*. Unpublished master's thesis, Mississippi State University, Mississippi State, MS.

Membership

Mid-South Educational Research Association (MSERA)

Professional Development

The National Association for Multicultural Education Conference, Georgetown TX, March, 2004

Conference on evaluation of student teachers by mentor teachers, sponsored by Blinn College, Brenham, TX, Nov, 2003

40 hours of seminar in teaching pre-calculus course for gifted students sponsored by Region VI, Huntsville TX, 2002.

References

1. Dr. Vafa Kamali (Associate Dean), University of Southern Mississippi, 6011-266-5122, Vafa.kamali@usm.edu, Hattiesburg, MS 39401.
2. Dr. Gerald Kulm (Professor), gkulm@coe.tamu.edu, 979-862-4407, Department of Teaching and Learning, Texas A&M University, College Station, TX 77840.
3. Mr. Jim Reeder (Assistant Principal) , 979- 279-2332, Hearne High School, 1203 Brown St, Hearne, Texas 77859.

4. Dr. Victor Willson, (Professor), v-willson@tamu.edu, 979-845-1808 ,
Department of Educational Psychology, Texas A&M University, College Station,
TX 77840.
5. Mr. Seepersad (teacher), parmadish@hotmail.com, 954-224-8238, 4330 N Reflections
Blvd, #108 Sunrise, FL 33351.
6. Mrs. Debra Lamb (Principal), 936-544-2193, Crockett High School, South Loop
304, Crockett, TX 75835.

