

Mark L. Klespis
Professor & Chair
Department of Mathematics & Statistics
College of Sciences

Degrees Earned

Ph.D., Mathematics Education, The University of Texas at Austin, December 1984.
M.S., Mathematics, The University of Texas at El Paso, December 1977.
B.S., Education, The University of Texas at El Paso, May, 1974.

Peer-Reviewed Publications

- Klespis, M., & Jones, D. (2011). Exploring Irrational Numbers with the TI-Nspire. *Ohio Journal of School Mathematics* 63, Spring 2011, 17-21
- Swarthout, M., Jones, D., Klespis, M., & Cory, B. (2009). Sneaking a Peek at Students' Understanding of Functions: Why Not Concept Maps? *Ohio Journal of School Mathematics* 60, Fall 2009, 24-28
- Klespis, M. L. (in press). The University's role in Preparing Elementary and Secondary Teachers to Use Hand-held Calculators in Mathematics Instruction. *Perspectives in Higher Education*.
- Klespis, M. L. (2003). Probability and Simulations on the TI-73. *Proceedings of the 15th Annual International Conference of Teachers Teaching with Technology*. Teachers Teaching with Technology, Dallas, TX.
- Klespis, M. L. (2002). An On-going Program of Professional Development in Hand held Technology for Instructors of Prospective Teachers. in *Proceedings of the 5th Annual International Conference of Teaching Mathematics with Technology*. Hoelder-Pichler-Tempsky & Oesterreichischer Bundesverlag, Vienna, Austria.
- Klespis, M. (2001). Exploring rational numbers with computing technology. *Proceedings of the Twelfth International Conference on Technology in Collegiate Mathematics*. New York: Addison-Wesley.
- Browning, C.A. & Klespis, M. (2000). A reaction to Garofalo, Drier, Harper, Timmerman, and Shockey. *Contemporary Issues in Technology and Teacher Education*. [Online serial] 1 (2).

Technical Reports

- Klespis, M. (2001). "Group 5 Report to the National Research Council." *Knowing and Learning Mathematics for Teaching: Proceedings of a Workshop*. National Academy Press, Washington, D.C. pp. 155-157.
- Klespis, M. (1986). "A report on a dialogue for academic preparation in mathematics." Report commissioned and presented to the Jefferson County (Alabama) Educational Consortium and the College Entrance Examination Board. Jefferson County Educational Consortium: Birmingham, Alabama.

Funded External Grants

Title: COLME: Coalition of Language and Mathematics Educators. (August 1999 to May 2004) Co-Principal Investigator.

Agency & Amount: Department of Education: \$1,470,000

Title: Targeting Reform in the Undergraduate Mathematics of Preservice Elementary Teachers. (January 2001 to May 2003) Co-Principal Investigator

Agency & Amount: National Science Foundation, \$285,000

Title: A Computer Lab for an Integrated Mathematics and Computer Science Course. (May 1998 to April, 2000) Principal Investigator

Agency & Amount: National Science Foundation, \$47,997

Title: CoMPET: Coalition for the Mathematical Preparation of Elementary Teachers. (January 1998 to June 2000). Principal Investigator

Agency & Amount: National Science Foundation, \$60,000

Title: TEAMS: Technology Enriched Algebra for Mathematical Success (June, 1997 to October, 1998). Co-principal Investigator

Agency & Amount: Eisenhower Grants Program, \$92,000

Title: Implementing and extending course restructuring for preservice elementary school teachers: A collaborative approach. (September 1996 – September 1997) Principal Investigator.

Agency & Amount: Texas Statewide Systematic Initiative, \$20,422

Title: A collaborative approach to expanding preservice elementary teacher's mathematical experiences through course restructuring. (May, 1996 – September, 1996) Principal Investigator

Agency & Amount: Texas Statewide Systemic Initiative, \$14,900

Peer-Reviewed Presentations

September 2007 – Should There Be National Accreditation Standards for Doctoral Programs in Mathematics Education? Panel discussant. National Conference on Doctoral Programs in Mathematics Education, Kansas City, MO

January 2007 – Preparation of Secondary Mathematics Teachers: Three Case Studies. Eleventh Annual conference of the Association of Mathematics Teacher Educators, Irvine, CA [Refereed paper presentation]

November 2006 – The University's role in Preparing Elementary and Secondary Teachers to Use Hand-held Calculators in Mathematics Instruction. International Conference of the Alliance of Universities for Democracy, Katowice, Poland

January 2004 (with J. Scott) Creating a Doctoral Program from Scratch. Eighth Annual conference of the Association of Mathematics Teacher Educators, San Diego, CA. [Refereed paper presentation]

- March, 2003 Probability Simulations Using the TI-73. Teachers Teaching with Technology International Conference, Nashville, TN [Refereed paper presentation]
- January, 2003 (with T. Bassarear, C. Browning, H. Kepner, & P. Stone) How Much Should and Can We Cover in Elementary Mathematics Courses? Annual conference of the Association of Mathematics Teacher Educators, Atlanta, GA. [Refereed paper presentation & panel discussion]
- March, 2002 Number Line Activities for Developing the Concept of Proportions and Percents on the TI-73. Teachers Teaching with Technology International Conference, Calgary, Alberta, Canada. [Refereed paper presentation]
- January, 2002 and March, 2001 (with Browning, C. & Channell, D. of Western Michigan University) Targeting the Reform of the Undergraduate Mathematics Preparation of Elementary/middle school Teachers. National Council of Supervisors of Mathematics, Orlando, FL (March, 2002) and Association of Mathematics Teacher Educators, San Antonio, TX (January, 2002). [Refereed paper presentations]
- August, 2001. An On-going Program of Professional Development in Hand held Technology for Instructors of Prospective Teachers. International Conference on Teaching Mathematics with Technology, Klagenfurt, Carnithia, Austria (August, 2002) [Refereed paper presentation.]
- January, 2001: "Coalition of Language and Mathematics Educators (COLME) – Project report." National Conference of the Association of Mathematics Teacher Educators. Costa Mesa, CA
- April, 2000: Repeat of November 1999 Presentation. National Conference of the National Council of Teachers of Mathematics, Chicago.
- November, 1999: "Exploring Irrational Numbers with the TI Math Mate, TI-73, and spreadsheets." International Conference on Technology in Collegiate Mathematics. San Francisco.
- August, 1999: "An Integrated Introductory Mathematics and Computer Science Course: A preliminary report." Fourth International Conference on Teaching Mathematics with Technology. Plymouth, England.

Positions Held

- 8/01 – present Professor, Mathematics, Sam Houston State University
- 8/08 – present Professor of Mathematics and Chair, Mathematics & Statistics, Sam Houston State University
- 8/05 – 8/07: Professor of Mathematics & Interim Chair, Mathematics & Statistics, Sam Houston State University
- 8/95 – 8/01: Associate Professor, Mathematics, Sam Houston State University
- 9/88 – 7/95: Associate Professor, Mathematics, Saint Xavier University
- 9/86 – 7/88: Assistant Professor, Mathematics, Western New Mexico University
- 1/85 – 8/86: Assistant Professor, Education, The University of Alabama at Birmingham
- 8/82 – 12/84: Assistant Instructor, Mathematics, The University of Texas at Austin
- 8/79 – 6/82: High School Mathematics Teacher, Anthony High School, Anthony, Texas

Awards/Honors

- 5/95: Finalist, Illinois Council of Teachers of Mathematics College Teaching Award.
- 12/83: Graduate Student Teaching Award, University of Texas at Austin.
- 6/82: Teacher of the Year, Anthony High School, Anthony, Texas

Journal Editing:

- Co-editor (2nd term): Contemporary Issue in Technology and Teacher Education [Online serial] August 2007 to March, 2009.
- Co-editor: Contemporary Issue in Technology and Teacher Education [Online serial] August 2000 to March, 2002.
- Co-editor, Illinois Mathematics Teacher, June, 1989 to May, 1992.
- Editor, Journal of the New Mexico Council of Teachers of Mathematics, September, 1987 to May, 1988.