

VITA

Mark L. Klespis
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Positions Held

8/01 – present	Professor, Mathematics, Sam Houston State University
8/08 – 8/12	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

Education

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.

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

Faculty Development Leave: Granted for Spring 2005 semester. Three cases studies of high school mathematics teachers going through NSF-funded Texas Secondary and Middle School Project being directed out of Stephen F. Austin State University.

Major Grants

Title: Collaborative Research: Developing Knowledge for Teaching Tasks in Calculus
Co-Principal Investigator
Agency & Amount: National Science Foundation, \$2,300,000
Status: Not funded.

Title: Texas Masters Program in Mathematics and Science (June 2009 to May 2012),
Co-Principal Investigator.

Agency & Amount: Greater Texas Foundation, \$1,000,000

Status: Not funded.

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

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

Status: Funded.

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

Status: Funded.

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

Status: Funded.

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

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

Status: Funded.

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

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

Status: Funded.

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

Status: Funded.

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

Status: Funded.

Title: Integrating Science, Mathematics and Writing in the Elementary School
Curriculum. (October 1992) Co-principal Investigator

Agency & Amount: Eisenhower Grants Program, \$68,865

Status: Not funded.

Title: Computer Competency Grant (September, 1985 – May, 1986) Co-Principal Investigator

Agency & Amount: Alabama Commission of Higher Education, \$200,000

Status: Funded.

Title: Mathematics Teaching Institute (Summer, 1985) Principal Investigator

Agency & Amount: Alabama Department of Higher Education, \$21,651

Status: Not funded.

Minigrants

Title: Ohio State University Technology College Short Course Program (May 14 to May 18, 2001) Project Director

Agency & Amount: Ohio State University & Texas Instrument, \$4,000

Status: Funded.

Title: Teachers Teaching with Technology Minigrants (June 1 to June 12, 1998)

Project Director

Amount & Agency: Teachers Teaching with Technology, \$8,000

Status: Funded for \$4,000.

Title: Ohio State University Technology College Short Course Program (May, June, 1998) Project Director

Agency & Amount: Ohio State University & Texas Instrument, \$8,000

Status: Funded.

Title: Influence of graphing technology on the development of concept image of function in college precalculus textbooks. (October, 1995) Principal Investigator

Agency & Amount: Sam Houston State University (faculty enhancement grant), \$5,000

Status: Not funded.

Title: A reliability study for a mathematics textbook assessment model. (November, 1986 – May, 1987) Principal Investigator

Agency & Amount: Western New Mexico Office of Research, \$1,100

Status: Funded.

Title: The interaction of textbook style and general reasoning ability on problem-solving performance in algebra. (September, 1985 – May 1986) Principal Investigator

Agency & Amount: Graduate School, University of Alabama at Birmingham, \$1,500

Status: Funded.

Invited Presentations

International and National Conferences

- March 2017: Klespis, M., Hollas, V. & Jones, D.. The Presentation of Technology in Mathematics Textbooks Used in Content Courses for Elementary Teachers. In P. Resta & S. Smith (Eds.), Conference of the Association for the Advancement of Computing in Education (AACE). Austin, TX
- February 2017: (with Dr. Jones and faculty from St. Xavier University in Chicago and the University of Dayton) Technology's Role in a Calculus Course for Middle Grades Mathematics Teachers: A Multi-Institutional Perspective. Twenty-first Annual conference of the Association of Mathematics Teacher Educations, Orlando, CA.
- January 2016 – (with Dr. Jones) A Calculus Course for Prospective Middle School Teachers. Twentieth Annual conference of the Association of Mathematics Teacher Educators, Irving, CA.
- 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.
- January, 1999: "Coalition for the Mathematical Preparation of Elementary Teachers." Third Annual Meeting of the Association of Mathematics Teacher Educators. Chicago.
- January, 1999: "An Integrated Introductory Mathematics and Computer Science Course." AMS/MAA Joint National Meetings, San Antonio, TX.
- January, 1999: "Coalition for the Mathematical Preparation of Elementary Teachers." AMS/MAA Joint National Meetings, San Antonio, TX.
- January, 1998: "Restructuring Mathematics Course for Preservice Elementary Teachers: A University/Community College Collaboration." Second Annual Conference of the Association for Mathematics Teacher Educators, Pomona, CA.
- November, 1997: "Changing the Way We Prepare Teachers." Member of workshop panel on activities for preservice elementary teachers. Jim Polito, North Harris College, organizer. National AMATYC Conference in Atlanta, GA.
- June, 1997: "Elementary Education Mathematics Specialists Learning Reform Calculus: A Paradigm Shift." Sixth Conference on the Teaching of Mathematics, Milwaukee, WI.
- April, 1997: "Advancing Mathematics Education Through a University/School/Community Collaborative." Annual meeting of the National Council of Supervisors of Mathematics, Minneapolis, MN.
- January, 1997: "A Collaborative Approach to Course Restructuring." AMS/MAA Joint National Meeting, San Diego, CA.
- January, 1996: "Mathematics as a non-literacy form of communication." AMS/MAA Joint National meeting. Orlando, FL.
- January, 1996: (with S. Beal) "An integrated content and methods course." AMS/MAA Joint National Meeting, Orlando, FL.
- October, 1992: "Mathematics in Ads and Commercials, (revisited)." National conference of the SSMA, Marquette, MI.
- April, 1992: (with K. Pedersen & S. Beal) "A survey of methods instructor's attitudes regarding the NCTM's Professional Teaching Standards." Annual conference of the National Council of Supervisors of Mathematics, Nashville, TN.
- April, 1991: "A survey of elementary and secondary mathematics education methods instructor's attitudes towards implementing the NCTM Standards." Paper presented as part of a panel discussion at the annual conference of the National Council of Supervisors of Mathematics, New Orleans, LA.

- December, 1988: (with J. Burns, University of Alabama at Birmingham) "Making your mathematics and science methods more concrete." School Science and Mathematics Association, Austin, TX.
- April, 1988: "A new look at old geometry problems." NCTM Annual Meeting, Chicago, IL.
- October, 1987: "Geometry for cheap compasses." Annual meeting of the School and Science and Mathematics Association, Billings, MT.
- April, 1987: "Communicating mathematics, a teacher's perspective." Presented as part of a panel discussion on improving communication in the mathematics classroom at the annual meeting of the Research Council on Diagnostic and Prescriptive Mathematics, Santa Barbara, CA.
- November, 1986: "A model for analyzing the structure and organization of content in a mathematics textbook." Annual meeting of the School Science and Mathematics Association, Lexington, KY.
- April, 1985: "Assessing the semantic content of Algebra I textbooks." Annual NCTM Conference, San Antonio, TX.
- April, 1985: "Story problems in Algebra I textbooks: A diagnostic perspective." Annual conference of the Research Council on Diagnostic and Prescriptive Mathematics, Austin, TX.

Regional, State, and Local Conferences

- July 2017 – (with Dr. Jones) A Calculus Course for Prospective Middle School Teachers. Twentieth Annual conference of the Association of Mathematics Teacher Educators, Irving, CA.
- June, 2007: "Finding Percents Using the Number Line Application on the TI-73." Teachers Teaching with Technology Regional Conference, Richardson, TX.
- November, 2002: "Probability and Simulations Using the TI-73." Teachers Teaching with Technology Regional Conference, Houston, TX
- February, 2001: "Data Analysis with Algebra and Geometry Connections." Sam Houston State University's Annual Conference on Improving Secondary Mathematics, Huntsville.
- April, 2000: Departmental teaching seminar presentation – CoMPET: A report on grant activities associated with the NSF-sponsored project.
- January, 2000: "Using the TI-73 for middle school data analysis." Southern regional conference of the National Council of Teachers of Mathematics, El Paso, TX.
- January, 1999: "An Introduction to Geometry Using the TI-92." Sam Houston State University's Annual Conference on Improving Secondary Mathematics. Huntsville.
- October, 1998: "Connecting Concepts through Calculators and Conjecturing." NCTM Southeast regional conference. Little Rock, AR.
- June, 1998: "Connecting the Underpinnings of Calculus to Algebra and Geometry." Gulf Coast Consortium Technology Conference, Houston, TX.
- October, 1997: "Report on Restructuring Mathematics Courses for Prospective Elementary Teachers." Third Annual Mathematics Preservice Conference, Austin, TX.

September, 1997: "Using Geometer's Sketchpad in College Classrooms." Presented to the Mathematics faculty at Lamar University at Orange, Orange, TX.

August, 1997: "Geometry and the TI-92." A two-hour workshop conducted at the Conference for the Advancement of Mathematics Teaching, Houston, TX.

July, 1997: "An Introduction to Dynamic Geometry Software Using the TI-92." Gulf Coast Consortium on Technology in Mathematics, Houston, TX.

October, 1996: (with M. Juri Ammari) "Incorporating the NCTM Standards in an Urban High School." NCTM regional, South Bend, IN.

July, 1996: (with M. Swarthout): "Connecting Concepts through the Art of Conjecturing and Calculators." Workshop presented at the Gulf Coast Community College Consortium Conference on Mathematics for the 21st Century Conference, Houston, TX.

July, 1996: "Mini-portfolios: Cutting the job down to size." Conference for the Advancement of Mathematics Teaching, Dallas, TX.

January, 1996: "Alternative Assessment in the Middle Grades." Conference on Improving Secondary Mathematics, Huntsville, TX.

November, 1995: "Activities to replace or enhance the middle school geometry curriculum." NCTM regional, Houston, TX.

October, 1994: (with S. Beal) "Writing activities to assess mathematical understanding." Annual conference of the Illinois Council of Teachers of Mathematics, Springfield, IL.

October, 1994: Panel participant, "Impact of NCTM Standards on elementary mathematics methods courses." Annual conference of the Illinois Council of Teachers of Mathematics, Springfield, IL.

March, 1994: "Concepts maps for your textbook: A road to success." Thirty-seventh Conference on the Teaching of Mathematics, Eastern Illinois University, Charleston, IL.

September, 1993: "Data analysis for the middle school classroom." Twelfth Annual Conference on Mathematics Teaching, Purdue University, Calumet, IN.

September, 1992: "Geometry activities for the junior high school classroom." Eleventh Annual Conference on Mathematics Teaching, Purdue University, Calumet, IN.

November, 1991: "Applications of mathematics in magazines and newspapers." Southwestern Regional NCTM conference, Albuquerque, NM.

September, 1991: "Supplementing your textbook's calculator activities." Tenth Annual Conference on Mathematics Teaching, Purdue University, Calumet, IN.

October, 1990: "Applications of problem-solving." Paper presented to the alumni of St. Xavier's School of Education, Chicago, IL.

September, 1990: "Using the Standards in your high school classroom." Ninth Annual Conference Mathematics Teaching, Purdue University, Calumet, IN.

April, 1990: "Math Marketing: Mathematics in ads and commercials." Southeastern Regional NCTM, Chattanooga, TN.

March, 1990: "Using real world mathematics to build communication skills." Thirty-third Conference on the Teaching of Mathematics, Eastern Illinois University, IL.

October, 1989: "Math Marketing: Mathematics in ads and commercials." Forth-first annual meeting of the Illinois Council of Teachers of Mathematics, Peoria, IL.

September, 1989: "Improving mathematical thinking through writing." Eighth Annual Conference on the Improvement of Teaching Mathematics, Purdue University, Calumet, IN.

September, 1988: "Math Marketing: Mathematics in ads and commercials." Seventh Annual Conference on the Improvement of Teaching Mathematics, Purdue University, Calumet, IN.

October, 1986: "Problem-solving in algebra: How does your textbook help?" Southeastern Regional NCTM conference, Huntsville, AL.

February, 1986: "Are you teaching them rules or reasons?" Southwestern Regional NCTM conference, Dallas, TX.

Teacher Inservice

September 2006: Preservice Teacher Educator Short Course workshop for preservice mathematics teachers at Navarro College, Corsicana, TX.

April 2006: Preservice Teacher Educator Short Course workshop for preservice mathematics teachers at Texas Tech University, Lubbock, TX.

February 2005: Preservice Teacher Educator Short Course workshop for preservice mathematics teachers at Navarro College, Corsicana, TX.

November 2004: Preservice Teacher Educator Short Course workshop for preservice mathematics and science teachers at Texas A&M-Commerce.

October 2004: Preservice Teacher Educator Short Course (graphing calculators, data collection devices, dynamic geometry software) for middle and high school teachers in the San Antonio area. University of Texas at San Antonio

December, 2002: Mathematics Teacher Educator Short Course, Sam Houston State University, Huntsville, TX. Professional development workshop for inservice and preservice elementary mathematics teachers.

April, 2002 Mathematics Teacher Educator Short Course, Austin Community College, Austin, TX, April, 2002. PD workshop for two-year college faculty who teach mathematics courses for prospective elementary and middle school mathematics teachers.

December, 2001 Data Collection. Sam Houston State University, December, 2002. PD workshop for preservice teachers.

December, 2001. Probability Simulations. Sam Houston State University, December, 2002. PD workshop for preservice teachers.

June, 2000: "Mathematics Teacher Educator Technology Short Course." Five-day workshop for K-12 teachers and mathematics faculty at Manhattanville (NY) College, Purchase, NY.

March, 2000: "Using the JUMP! Data Analysis Program in K-12 Mathematics." Project COLME inservice workshop, Huntsville, TX.

January, 2000: "Applications of Hand-held Calculators in Elementary Schools." Project COLME inservice workshop, Huntsville, TX.

October, 1999: "Using Technology in Mathematics Courses for Preservice Teachers." One-day workshop held at the University of Houston-Downtown. Houston, TX.

- June, 1999: "Developmental Mathematics Technology Short Course." Three-day workshop for teachers of developmental mathematics (high school and two-year colleges). Decatur, IL.
- April, 1999: "Mathematics Teacher Educator Technology Short Course with a Middle School Focus." Two-day workshop for middle school, high school, two year college, and university faculty on the use of technology in middle school and college classrooms. Texarkana College, Texarkana, TX.
- October, 1998: CoMPET follow-through workshop for participants in NSF funded project. Huntsville, TX.
- September, 1997 – April, 1998: "TEAMS Follow-Through workshops." Series of eight workshops held in conjunction with Eisenhower grant, Sam Houston State University, Huntsville, TX.
- October, 1996: "Dynamic Geometry on the TI-92." Workshop conducted with the mathematics faculty at Huntsville High School, Huntsville, TX.
- August, 1996: "Problem-Solving Using Calculators in the Elementary School Curriculum." Presented to the faculty at St. Thomas Aquinas School, Dallas, TX.
- February, 1995: Workshop in upgrading the high school curriculum at St. Barbara High School, Chicago, IL.
- September, 1993: "Integrating calculators into the K-8 curriculum." Faculty development workshop presented to the teachers of St. Michael School, Orland Park, IL.
- August, 1991: "Problem-solving with a calculator." Workshop conducted as part of faculty development at St. Albert the Great elementary school, Burbank, IL.
- May, 1991: "Extension activities for calculators." Workshop presented to regional service representatives as part of the ICTM's Scientific Literacy Grant, Flossmoor, IL.
- October, 1990: "Supplementing textbook word problems: The mathematics/writing connection." Workshop conducted for the faculty at Our Lady of Loretto School, Hometown, IL.
- April, 1990: "Using calculators in grades 7-9." Workshop presented to regional service center representatives as part of the ICTM's Scientific Literacy Grant, held at the Illinois Mathematics and Science Academy, Aurora, IL.
- October, 1987: "Tips for teaching problem-solving." Conducted for teachers at Bayard Elementary School, Bayard, NM.
- August, 1986: "Teaching concern sin algebra and geometry." A five-day workshop conducted for teachers from seven local school systems in the Birmingham, AL.
- March, 1986: "Basic skills in mathematics." Conducted for the Jasper City Board of Education, Jasper, AL.
- March, 1986: "Mathematical problem-solving in grades 7 – 12." Taught as part of the Professional Improvement Plan offered by the University of Alabama at Birmingham, Birmingham, AL.
- August, 1985: "Rules or reasons: Which one is the 'math' way?" Six-day workshop conducted for teachers from seven local school systems in the Birmingham, AL.

Professional Writing*Curriculum materials:*

- Klespis, M. (Ed.) (1999). Mathematics Teacher Educator Modules with an Elementary Education Focus. The Ohio State University Technology Short Course Program. Columbus, OH.
- Klespis, M. (Ed.) (1999). *Student projects & activities for preservice elementary mathematics courses*. Philadelphia: Harcourt.
- Klespis, M., Alsina, I., Burkholder, M., Fagan, P., Windle, T., & Woodyard, S. (1999). Data Analysis Mathematics Teacher Educator Module. The Ohio State University Technology Short Course Program. Columbus, OH.
- Klespis, M. & Mankus, M. (1998). Connecting Algebra and Geometry to the Underpinnings of Calculus. Mathematics teacher Educator Module. The Ohio State University Technology Short Course Program. Columbus, OH.

Articles:

- Klespis, M., Hollas, V. & Jones, D. (2017). The Presentation of Technology in Mathematics Textbooks Used in Content Courses for Elementary Teachers. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 1948-1953). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Jones, D, Hollas, V, & Klespis, M (2017) *The Presentation of Technology for Teaching and Learning Mathematics in Textbooks: Content Courses for Elementary Teachers*. Contemporary Issues in Teaching with Technology in Education.
- Klespis, M., & Jones, D. (2011) Exploring *Irrational Numbers with the TI-Nspire*. *SOHio Journal of School Mathematics*, 63, Spring 2011, 17-12.
- 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).
- Klespis, M. & Beal, S. (1996). Sieve of six: A pattern of primes! *Texas Mathematics Teacher*. Fall. 5-6

- Klespis, M. & Beal, S. (1995). A master's program in middle school mathematics at a small liberal arts university. John Dossey (ed.) *Papers of working group 6 from ICME-7*. Normal, IL: Illinois State University, 20-22.
- Beal, S. & Klespis, M. (1991). Another prime number divisibility test. *Iowa Council of Teachers of Mathematics Journal*, Vol. 20, Spring, 1992, 32-33.
- Klespis, M. Editorials in the *Illinois Mathematics Teacher*, 1989 to 1992.
- Klespis, M. (1990) Proceedings of the 9 – 12 Standards for the Professional Development of Mathematics Teachers. *Proceedings of the Seventh Annual Mathematics Methods Conference*. Saint Xavier College, 1990.
- Klespis, M. (1986). Visualizing binomial products. *Alabama Journal of Mathematics*, 10(2), Fall, 29-31.
- Klespis, M. (1986). An alternate method for constructing proportional line segments. *Alabama Journal of Mathematics*, 10(1), Spring, 23-25.
- Klespis, M. & Lamb, C. (1985). Zero, not o(h), if you please! *Texas Mathematics Teacher*, 32(3), 10. (Reprinted, with permission, in the Fall, 1986 issue of the *Journal of the New Mexico Council of Teachers of Mathematics*.)

Abstracts:

- Klespis, M. & Cooper, P. (2001). A quantitative literacy course from college freshmen. in *The Proceedings of the Fourth International Conference on Teaching Mathematics with Technology*. Plymouth, England: University of Plymouth Press.
- Klespis, M. (1999). Coalition for the mathematical preparation of elementary teachers. *Abstracts of Papers Presented to the American Mathematical Society*, 115. 223.
- Klespis, M. & Cooper, P. (1999). An integrated introductory mathematics and computer science course. *Abstracts of Papers Presented to the American Mathematical Society*, 115. 167.
- Klespis, M. (1997). A collaborative approach to course restructuring. *Abstracts of Papers Presented to the American Mathematical Society*, 107. 221.
- Klespis, M. (1996). Mathematics as a non-literacy form of communication. *Abstracts of Papers Presented to the American Mathematical Society*, 103. 237.
- Beal, S. & Klespis, M. (1996). Integrating mathematics and methods. *Abstracts of Papers Presented to the American Mathematical Society*, 103. 196.

Other publications:

- 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.

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.

Professional Development Workshops Attended

June 2014: Preparing to Teach Mathematics with Technology – Algebra. North Carolina State University, Raleigh, NC>

June 2012: Preparing to Teach Mathematics with Technology – Geometry and Statistics. North Carolina State University, Raleigh, NC.

March 2007: Teachers Teaching with Technology Professional Development conference, Chicago, IL

March 2003: Teachers Teaching with Technology Professional development conference, Nashville, TN

March, 2002: Teachers Teaching with Technology Professional development conference, Calgary, Alberta Canada.

March, 2001: Teachers Teaching with Technology Professional development conference, Columbus, Ohio

February, 2000: Teachers Teaching with Technology Professional development conference, Nashville, TN.

May, 1999: National Science Foundation Principal Investigator's Workshop on Preparing Teachers in Mathematics and Science, Washington, DC.

February, 1999: Teachers Teaching with Technology Professional development conference, Dallas, TX.

March, 1999: National Research Council Workshop on Elementary Teachers Mathematics Preparation, National Academy of Sciences, Washington, DC.

July, 1998: Elementary School Short Course Pilot Writing Group. One-week workshop to develop technology-based curriculum materials for The Ohio State University Technology College Short Course Program, Columbus, OH.

August, 1997: Middle School Short Course Pilot Writing Group. One-week workshop to develop technology-based curriculum materials for The Ohio State University Technology College Short Course Program. Milwaukee, WI.

May, 1996: Workshop on the Improvement of Calculus Teaching. One week NSF funded workshop on reform calculus. Huntsville, TX.

January, 1996: Workshop on Cabri Geometry. AMS/MAA Joint National meeting. Orlando.

November, 1996: Workshop on Writing Across the Curriculum, Sam Houston State University, Huntsville, TX.

October, 1996: Working Conference for the Preparation of the Secondary Mathematics Teacher, Texas Statewide Systemic Initiative, Austin, TX.

October, 1995: Working Conference on Strengthening the Mathematical Preparation of Prospective Elementary Teachers. Texas Statewide Systemic Initiative, Austin, TX.

June, 1992: One-week workshop on curriculum development and teaching. Great Lakes Colleges Association. Gambier, OH.

Administrative Experience

8/08 – present Chair, Department of Mathematics & Statistics, Sam Houston State University
 8/05 – 8/07 Interim Chair, Department of Mathematics & Statistics, Sam Houston State University
 3/03 – 1/07: Treasurer, Association of Mathematics Teacher Educators
 1/99 – 3/02: Board of Directors, Association of Mathematics Teacher Educators
 8/96 – 7/00: Director, Daniel H. Reeves Center for Mathematics Education at Sam Houston State University
 9/94 – 5/95: Department Chair, Mathematics and Computer Science, Saint Xavier University
 10/94 – 10/97: Elected member, Illinois Council of Teacher of Mathematics Board of Directors (Director at Large)
 9/91 – 8/94: Associate Chair, Mathematics and Computer Science, Saint Xavier University

School Presentations

Short talks have been presented to mathematics students at the following junior high and high school schools:

Mance Park Middle School, Huntsville, TX: *Math/Science Activities for 7/8 students.*

Huntsville (TX) High School: *Careers in Mathematics.*

Sandburg (IL) High School: *Three Point One Four and All That.*

Morton East (IL) High School: *Career Opportunities in Mathematics.*

Lourdes (IL) High School: *The Founding of Non-Euclidean Geometry.*

Glenbard North (IL) High School: *Selected Topics in Higher Mathematics.*

Queen of Peace (IL) High School: *Career Opportunities in Mathematics.*

Silver City (NM) High School: *SummerQuest: Visions of Mathematics.*

Word of Life (NM) School: *Why Study Mathematics?*

Sacred Heart (AL) School: *Usefulness of the Pythagorean Theorem.*

Ensley (AL) High School: *Non-Euclidean Geometry.*

Professional Organizations:

Association of Mathematics Teacher Education

Mathematical Association of America

National Council of Teachers of Mathematics

Department, College, University, State, and National Service

State/National Service

Board of Directors & Chair: Advance Quantitative Reasoning project, Ohio University.

Dr. Greg Foley, Morton Professor of Mathematics Education, Project Director.

Board of Directors, Treasurer, Association of Mathematics Teacher Educators – elected to 3-year term, January 2004 to January 2007.

Mentor to 11 high school teachers as part of Stephen F. Austin State University's NSF grant. January 2003 to present.

Board of Directors, Director-at-Large, Association of Mathematics Teacher Educators – elected to two 2-year terms, March 1999 to March 2003.

Conference chair, 9th Annual conference of the Association of Mathematics Teacher Educators, San Antonio, TX.

Higher Education Advisory Council (Charles A. Dana Center, University of Texas at Austin) Spring 2001 to present

Group leader, National Research Council workshop on elementary mathematics teacher preparation, March 1999.

University/College Service

Member, SHSU Faculty Senate (2013 to present)

Committees

University Affairs Subcommittee of Faculty Senate (2013 to present)

Doctoral Advisory Committee (ex-officio) (Spring 2006)

Center for Excellence in Teaching and Learning Committee (Spring, 2006)

Assessment Strategies Committee (Fall 1997 to 1999)

College of Arts & Science Honors Convocation Committee (1996, 1997)

Who's Who Selection Committee (Fall 1995)

Writing Across the Curriculum Committee (Fall 1997 to 2001)

Other service

University representative – Huntsville ISD vertical alignment team in mathematics (2005-2006)

Arts & Sciences Faculty representative on two oral theses defenses

Director, Daniel H. Reeves Center for Mathematics Education (1997 to 2003)

Faculty-Student Mentor Program (Fall 1997)

General Studies Advisor (Fall, 1995 to Spring, 1999)

Quantitative Literacy Colloquium Director, College of Arts and Sciences (Spring, 1998)

Departmental Service

Committees

Chair, Mathematics Education Doctoral Proposal Committee (2001-2003)

Chair search committee (1996-1997 academic year)

Chair Advisory Committee (1997 – 1998 academic year)

Departments subcommittee on institutional effectiveness (1996-1997 academic year)

Honors Committee (Spring, 1996 to Spring, 1999)

Textbook Selection Committees

Math 184, 185, 186 (chair)

Math 285 (chair)

Math 383

Advisement

Advisor, Master of Arts program

Mathematics minor advisor, (elementary mathematics specialist program) 1998 to present

Advisor – Project COLME (30 undergraduates, 11 graduates)

Program development

Department contact – Instructional Leadership cohort in Mathematics with Aldine ISD (2014 to present)

Creator, MA cohorts in Aldine and Humble ISD

Alignment of Math 184/185 with North Harris Montgomery Community College District, 1996-1997

Director for departmental quantitative literacy course, 1998