

*Dr. Pamela S. Webster*

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**Education**

Graduate Work: Texas A&M University-Commerce (formerly East Texas State University)  
**Doctorate of Education:** August 13, 2005  
Major: Supervision, Curriculum, and Instruction -- Higher Education  
Dissertation: The Effectiveness of Interventions on the Pass Rates in Developmental Mathematics Courses  
**Teacher Certification:** May 15, 1999  
Certification: Secondary Mathematics in Public Schools  
**Master of Science:** December 19, 1998  
Major: Mathematics

Undergraduate Work: East Texas State University  
**Bachelor of Science:** December 17, 1994  
Majors: Mathematics and Spanish  
Minor: Economics

**Teaching Experience**

**Texas A&M University-Commerce, Fall 1999 – Present**

Department of Mathematics

P.O. Box 3011, Commerce, TX 75429

Assistant Professor of Mathematics, Professional Track (since 2009)/Director of Math Skills Center (since 2000)/Coordinator of Developmental Math (2000-2004 and again since 2006):

**Full-time faculty member.** Instructor of Intermediate Algebra, College Algebra, Business Mathematics and Calculus, Pre-Calculus, Mathematical Structures and Applications for Middle School Majors, Introductory Geometry for Middle School Majors, Math Models I and II for Middle School Majors, and Math for Elementary Education Majors I, II, and III. Graduate MTE course  
**Director of the Math Skills Center** beginning Spring 2001 (split appointment between director and instructor). The director of the MSC is responsible for hiring, scheduling, and training all student workers in the department (including tutors and paper graders), as well as budgeting funds for the program. Additional responsibilities include a large amount of service to the department.

**Coordinator for the Developmental Mathematics Program** (including training, supervising, and observing Teaching Assistants and Supplemental Instructors, as well as scheduling and coordinating the workshops for Intermediate Algebra, Fall 2006 – Fall 2008), and the first-year college mathematics courses (both College Algebra and Intermediate Algebra).

**Service:** Numerous service opportunities, including Advisor for the Math Clubs (March 2003 – February 2009); Served as chair of the Mathematics Education search committee 2008 and chair of First Year Math instructor searches 2012; Member on multiple searches, including Department Head of Mathematics, Department Head of Education, four remote instructors in Education, and Assistant Professor of Physics 2012; Provost Search committee; Admissions Appeals Committee; Developmental Appeals Committee 2001 – 2011; chair of departmental SACS, member other SACS.  
**Awards include** the Delta Sigma Zeta “Delta Choice Award” for “Most Outstanding Professor”. Recipient: Texas A&M System Teaching Excellence Award. 7/2009 and 7/2010 and 6/2012. Student-voted awards.

**Grant experience** includes multiple grant opportunities including T<sup>3</sup>, NSF-STEM, TMT<sup>3</sup> (member of the curriculum writing team and the TOT demonstration team) MASTA, Teacher Quality Grants, DEDP (author and director), and CSSP (author and director).

**Region 10 Service Center, Summer 2008 – Summer 2015**

Richardson, TX

Contractual Instructor:

Developing and implementing curriculum for workshops for public school teachers. Conducting workshops and presentations of current mathematics education pedagogy to regional school districts and grant participants, including but not limited to: Frisco, Duncanville, Boles ISD, and Terrell.

**Teacher Quality Grants, Summer 2008 – Summer 2009**

Paris Junior College

Department of Mathematics

2400 Clarksville, Paris, TX 75460

Contractual Instructor:

Co-author of grant, curriculum coordinator, budgeting, purchasing supplies and equipment for participants and instructors, teaching lessons, gathering data, observing participants, coordinating with staff, external evaluator, Texas Higher Education Coordinating Board.

**Grayson Community College, Summer 1998-2000**

Department of Mathematics

6101 Grayson Drive, Denison, TX 75020

Adjunct Mathematics Instructor:

Three hours of College Algebra per summer semester and some fall semesters.

**Greenville High School, Fall 1997–Spring 1999**

Department of Mathematics

3515 Lion's Lair, Greenville, TX 75402

Full-time math teacher:

Pre-Calculus Honors, Study Skills, Algebra I. AP training, TAAS Academy and TAAS Pull-Outs. Presenting mathematical concepts in Spanish.

**Paris Junior College, Spring 1996–Spring 1997**

Department of Mathematics

2400 Clarksville, Paris, TX 75460

Adjunct Mathematics Instructor:

Six hours of Beginning Algebra per semester.

**Texas A&M University-Commerce, Fall 1995–Spring 1999**

Department of Mathematics

ET Station, Commerce, TX 75429

Adjunct Mathematics Instructor:

Three to six hours of Intermediate/College Algebra per semester taught.

Dr. Pamela S. Webster  
Educational Vita

**Publications**

- *AlgeBlocks from Elementary to High School*. LINK, the online journal for the Association of Mathematics Teacher Educators – Texas (2013).
- *Teaching Mathematics TEKS Through Technology: Grades 6 – 8*, (statewide curriculum for teacher preparation), A&M-Commerce/Region 4 writing team (2006).
- *Teaching Mathematics TEKS Through Technology: Algebra I*, (statewide curriculum for teacher preparation), A&M-Commerce/Region 4 writing team (2006).
- *Teaching Mathematics TEKS Through Technology: Geometry*, (statewide curriculum for teacher preparation), A&M-Commerce/Region 4 writing team (2006).
- *Teaching Mathematics TEKS Through Technology: Algebra II*, (statewide curriculum for teacher preparation), A&M-Commerce/Region 4 writing team (2006).
- *The Effectiveness of Interventions on the Pass Rate in Developmental Mathematics Courses – Dissertation published by UMI* (2005)
- *Developmental Mathematics Course Interventions And The Texas Academic Skills Program Test*, Published Abstracts for the International Group for the Psychology of Mathematics Education/Psychology of Mathematics Education North America International Conference Proceedings (2003).

**Publications Submitted**

- *AlgeBlocks in the Classroom*, Association of Mathematics Teacher Educators in Texas Journal, submitted Fall 2012.
- *How Does a Math Lab Stack Up?*, Journal of Developmental Education, Submitted but not yet accepted.
- *The Effectiveness of Three Interventions in Developmental Mathematics Courses*, Journal of Developmental Education, Submitted but not yet accepted.

## **Recent Consulting/Workshop Development**

- Proportional Reasoning for the Math Classroom, Grades 6 – 8. Presented at the Life School, Oak Cliff, TX, August 6, 2014.
- Algebra Starts Here: Algebraic Reasoning for 4<sup>th</sup> – Algebra I grade teachers. Presented at the Region X Service Center, Richardson, TX, July 31, 2014 – August 1, 2014.
- STAAR Update on Measurement, 6<sup>th</sup> – 8<sup>th</sup> Grades. Presented for the Region 10 Service Center, Richardson, TX, August 1, 2013.
- Algebra and Geometry for the Middle Grades. A three-day workshop, developed and presented at Region 10 Service Center, Richardson, TX, July 29-31, 2013
- Integrating Manipulative and Technology Use in the 6<sup>th</sup>-12<sup>th</sup> Grade Classrooms. A half-day workshop developed and delivered to the Sulphur Springs ISD, April, 2013.
- InterActive Notes and Learner-Centered Teaching, presented at the Sulphur Springs High School, Sulphur Springs, TX, March 8, 2013.
- Probability and Statistics Update, presented for Region 10 Service Center, at Midlothian ISD, January 25, 2013.
- STAAR Update on Measurement, 6<sup>th</sup> – 8<sup>th</sup> Grades. Developed for the Region 10 Service Center, Richardson, TX, December 10, 2012.
- STAAR Update on Probability and Statistics, 6<sup>th</sup> – 8<sup>th</sup> Grades. Developed and Presented at the Region 10 Service Center, Richardson, TX, November 19, 2012.
- Manipulative and Technology Use in the 6<sup>th</sup>-12<sup>th</sup> Grade Classrooms. A half-day workshop developed and delivered to the Sulphur Springs ISD, October 26, 2012.
- Vertically Aligning Manipulative Use in the 6<sup>th</sup>-12<sup>th</sup> Grade Classrooms. A full-day workshop developed and delivered to the Sulphur Springs ISD, October 5, 2012.
- Integrating Manipulatives, Rubrics, Projects, and Formative Assessment into the Middle School Classroom. A full-day workshop developed and delivered to the Sulphur Springs ISD, August 2, 2012.

- Algebra, Geometry, and Technology Integrated for 6<sup>th</sup> – 8<sup>th</sup> Grades. A week-long workshop, developed for and presented at Region 10 Service Center, Richardson, TX, July 25 - 31, 2012.
- Integrating Manipulatives, Rubrics, Projects, and Formative Assessment into the High School Classroom. A full-day workshop developed and delivered to the Sulphur Springs ISD, July 10, 2012.
- Algebra, Geometry, and Proportional Reasoning with Technology, Grades 8 – 12. A week-long workshop, developed for and presented at Region 10 Service Center, Richardson, TX, August 8 – 12, 2011 .
- Manipulatives with Problem Solving in Your Classroom. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Patty Paper Geometry. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Technology in the Classroom: Pulse Pens, Audacity, Tablets, and other Resources. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Technology in the Classroom: Pulse Pens at Work. Presented for the Technology grant for Sulphur Springs High School Math teachers at Texas A&M University – Commerce, July 28, 2011.
- Technology in the Classroom: Pulse Pens at Work. Presented for the Sulphur Springs Middle School Math teachers at Texas A&M University – Commerce, June 10, 2011.

### **Recent Grant Projects**

- Summer 2014: Presenter for NOYSE grant, funding source NSF, director Dr. Ben Jang.
- October 2013: Application submitted: Teacher Quality Grants, \$485,000, THECB. Not funded.
- 2012 Application submitted: Texas Council of Teachers of Mathematics mini grant.
- 2012 – 2014: Director: Comprehensive Student Success Program (CSSP), \$175,000 to Texas A&M University-Commerce, funding through THECB, re-funded for second year at \$279,305, writing team leader and implementation leader.
- 2011 – 2013: Faculty Member on NSF – STEM grant, funding source NSF, director Dr. Ben Jang. Math/Engineering project developed for demonstrating the need for math to secondary school students.
- 2011 – 2013: Faculty Member on Sulphur Springs ISD Technology grant; currently serving as the A&M-Commerce liaison and mentor, director Rudy Gaytan.
- 2010 – 2016: Faculty Member on AVID grant, funding source THECB, director Wendy Gruver.
- 2010 - 2013: Faculty Member on Teacher Quality Grant, director Dr. Vanessa Huse.

- 2009-2016: Texas Regional Collaborative with Region 10, funded grant. Member of the instructional team and curriculum development, director Debbie Dethrage/Bianca Coker.
- 2008 – 2014: Statewide Mathematics and Science Faculty Collaborative, Career and College Readiness Initiative, funded activity. Member.
- 2010-2012: Director: Developmental Education Demonstration Projects (DEDP), \$400,000 to Texas A&M University-Commerce, funding source THECB, writing team leader and implementation leader.
- 2010 – 2012: Faculty Member on T3 grant with Commerce ISD, Dr. Becky Adams liaison.
- 2009-2011: Mathematics and Science Teacher Academies (MASTA), funded \$685,000 to Texas A&M University-Commerce, member of the writing team and the instructional team.
- 2008-2009: Teacher Quality Grants, funded \$87,000 to PJC, funding source THECB, co-authored and co-directed by Heather Burkhams and Pamela Webster.
- 2005-2006: Teaching Mathematics TEKS Through Technology (\$984,000) co-authored with Texas A&M-Commerce and Region 4, funding source THECB, granted. Member of material writing team and member of presentation/dissemination team.
- Manipulatives with Problem Solving in Your Classroom. Presented for the T3 grant at Commerce Elementary School, and again at Bonham High School, August 2010.
- Patty Paper Geometry. Presented for the T3 grant at Commerce Elementary School, and again at Bonham High School, August 2010.

### **Recent Presentations**

- Go for the Gold: Non-Manipulative Strategies for Secondary Math, Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, TX, July 1, 2016.  
<http://camtonline.org/wp-content/uploads/2016/05/CAMT-2016-Elementary.pdf> on page 37
- Four Years of AIM Day and Its Algebra Competition, 96th Annual Meeting Texas Section of the Mathematical Association of America (MAA), Nacogdoches, TX, April 1, 2016.  
<http://www2.sfasu.edu/math/maa/talks.html#afternoon>
- Livescribe Pens and Educreations as Tools for the Educator, 28th International Conference on Technology in Collegiate Mathematics (ICTCM), Atlanta, GA, March 11, 2016.  
[http://www.pearsoned.com/wp-content/uploads/ICTCM2016program\\_FULLpdf.pdf](http://www.pearsoned.com/wp-content/uploads/ICTCM2016program_FULLpdf.pdf)
- Gearing Up for Algebraic Reasoning, Conference for the Advancement of Mathematics Teaching, Houston, TX, June 26, 2015.
- Using Educreation and SMART\* Pens to Assist Student Learning, 95<sup>th</sup> Annual Mathematical Association of America, Texas Section, San Antonio, TX, April 10, 2015.
- Training Part-Time Faculty at A&M-Commerce, co-presented with Dr. KaSai Un, Developmental Education Conference, Fort Worth, TX, March 27, 2015.

- Educreation and Livescribe Pens for Math Teachers, 27<sup>th</sup> International Conference on Technology in Collegiate Mathematics, Las Vegas, NV, Friday, March 13, 2015.
- What now? Applying Math Education Classes to Practice! Presented at Texas A&M University – Commerce, Middle School Seminar, November 12, 2014
- Proportional Reasoning for the Math Classroom, Grades 6 – 8. Presented at the Life School, Oak Cliff, TX, August 6, 2014.
- Algebra Starts Here: Algebraic Reasoning for 4<sup>th</sup> – Algebra I grade teachers. Presented at the Region X Service Center, Richardson, TX, July 31, 2014 – August 1, 2014.
- Technology in the First Year Math Course: Lessons Learned. Conference for the Advancement of Mathematics Teaching, Forth Worth, TX, July 23, 2014. Team Taught with Dr. KaSai Un and Mr. Jeremy Gamez.
- Rebranding Your Classroom with Algeblocks. Conference for the Advancement of Mathematics Teaching, Forth Worth, TX, July 23, 2014.
- Standardized College-Level Math Courses. Team Taught with CSSP Team. College Success Summit, Austin, TX, July 15, 2014.
- Intrusive Intervention. Team Taught with CSSP Team. College Success Summit, Austin, TX, July 15, 2014.
- TExES Study Session, 4 – 12 Math. Presented at A&M-Commerce, April 2014.
- Promoting Student Success Through a Standardized First Year Math Curriculum. Mathematical Association of America. Presented in Laredo, TX, April 4, 2014.
- Restructuring the First Year Math Program. New Horizons Conference, San Antonio, TX, March 28, 2014.
- What CSSP looks like on our campus. Texas Association on Chicanos in Higher Education (TACHE) conference, Fort Worth, TX, February 21, 2014.
- Using Technology to Enhance Blended and Virtual Learning. Presented at Texas Community College Technology Forum, Frisco, TX, with Dr. KaSai Un and Jeremy Gamez. November 15, 2013.
- TExES Study Session, 4 – 8 Math. Presented at A&M-Commerce, November 2013.
- Manipulative Strategies for Algebraic Reasoning in Middle School and Above. Conference for the Advancement of Mathematics Teaching, presented July, 2013, in San Antonio, TX
- A Fast Track Course at A&M-Commerce: Data from a DEDP Grant, and Lessons Learned. Mathematical Association of America. Presented in Lubbock, TX, April 2013.

- Using Adobe Connect for Instructional Activities at the 93rd Annual Meeting Texas Section of the Mathematical Association of America (MAA) –assisted Dr. KaSai Un with the long-distance connection to present via Adobe Connect- Lubbock, TX, April 11-13, 2013.
- TExES Study Session, 4 – 8 Math. Presented at A&M-Commerce, April 2013.
- Getting Students Math Ready through Summer Bridge Programs. National Association of Developmental Education Conference. Presented: February 2013, in Denver, Colorado.
- STAAR Update on Probability and Statistics, 6<sup>th</sup> – 8<sup>th</sup> Grades. Developed and Presented at the Region 10 Service Center, Richardson, TX, November 19, 2012.
- Service Learning. Presented at the College Academic Support Programs/College Reading and Learning Association National Conference, Houston, TX, November 9, 2012.
- Manipulative and Technology Use in the 6<sup>th</sup>-12<sup>th</sup> Grade Classrooms. A half-day workshop developed and delivered to the Sulphur Springs ISD, October 26, 2012.
- Vertically Aligning Manipulative Use in the 6<sup>th</sup>-12<sup>th</sup> Grade Classrooms. A full-day workshop developed and delivered to the Sulphur Springs ISD, October 5, 2012.
- Integrating Manipulatives, Rubrics, Projects, and Formative Assessment into the Middle School Classroom. A full-day workshop developed and delivered to the Sulphur Springs ISD, August 2, 2012.
- Algebra, Geometry, and Technology Integrated for 6<sup>th</sup> – 8<sup>th</sup> Grades. A week-long workshop, developed for and presented at Region 10 Service Center, Richardson, TX, July 25 - 31, 2012.
- The DEDP Grant at A&M-Commerce. Presented at the Conference for the Advancement of Mathematics Teaching, Houston, TX, July 19, 2012.
- Integrating Manipulatives, Rubrics, Projects, and Formative Assessment into the High School Classroom. A full-day workshop developed and delivered to the Sulphur Springs ISD, July 10, 2012.
- Service Learning. Presented at the Mathematical Association of America, Dallas, TX, April 2012.
- Invited Keynote Speaker: Induction Ceremony of Phi Eta Sigma Honor Society, A&M-Commerce, April 2012. Title of Talk: “Be Loud, Be Proud, and Be True!”
- Project DREAM at Texas A&M University-Commerce. Presented at the National Association of Developmental Education Conference, February 2012.
- Training GAs at Texas A&M University-Commerce. Presented at the National Association of Developmental Education Conference, February 2012
- Algebra, Geometry, and Proportional Reasoning with Technology, Grades 8 – 12. A week-long workshop, developed for and presented at Region 10 Service Center, Richardson, TX, August 8 – 12, 2011 .

- Manipulatives with Problem Solving in Your Classroom. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Patty Paper Geometry. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Technology in the Classroom: Pulse Pens, Audacity, Tablets, and other Resources. Presented for the T3 grant at Bonham High School, August 1 – 2, 2011.
- Technology in the Classroom: Pulse Pens at Work. Presented for the Sulphur Springs High School Math teachers at Texas A&M University – Commerce, July 28, 2011.
- Project DREAM: A Developmental Education Demonstration Project. Conference for the Advancement of Mathematics Teaching, presented in Grapevine, TX, July 18 – 20, 2011.
- Career and College Readiness Standards: A Follow-Up. Conference for the Advancement of Mathematics Teaching, Co-Presented with KaSai Un in Grapevine, TX, July 18 – 20, 2011.
- Using Manipulatives to Teach Fractions in the Middle School Classroom. Conference for the Advancement of Mathematics Teaching, Co-Presented with Darla Heath in Grapevine, TX, July 18 – 20, 2011.
- Using Audacity in the Classroom. Presented at MASTA grant meeting, Texas A&M University - Commerce, July 2011.
- Technology in the Classroom: Pulse Pens at Work. Presented for the Sulphur Springs Middle School Math teachers at Texas A&M University – Commerce, June 10, 2011.
- Service Learning Projects in Developmental Mathematics at Texas A&M-Commerce. Mathematical Association of America, April 15, 2011
- Project Dream: A Service Learning Opportunity. Presented for the Honors Colloquium, Texas A&M University – Commerce, April 4, 2011
- Walk the Line with CBRs. Presented to the Math Clubs, Texas A&M University – Commerce, February 18, 2011.
- Using CBRs for Algebraic Reasoning. Presented at MASTA grant meeting, Texas A&M University - Commerce, January 2011.
- Manipulatives with Problem Solving in Your Classroom. Presented for the T3 grant at Commerce Elementary School, and again at Bonham High School, August 2010.
- Patty Paper Geometry. Presented for the T3 grant at Commerce Elementary School, and again at Bonham High School, August 2010.
- Non-Manipulative Strategies in Algebraic Thinking: Grades 8 – 12. Conference for the Advancement of Mathematics Teaching, presented at San Antonio, TX, 7/17/10.

- Career and College Readiness Standards: What Can We Do to Help Implement Them? Conference for the Advancement of Mathematics Teaching, presented at San Antonio, TX, 7/16/10.
- Manipulative Strategies in Algebraic Thinking: Grades 4 – 8. Conference for the Advancement of Mathematics Teaching, presented at San Antonio, TX, 7/15/10.
- Measurement: Effects of a change in one measurement on the overall measure of 2-D and 3-D objects, Trinity Valley Community College, Athens, TX, June 2010.
- Interventions in Developmental Mathematics at Texas A&M-Commerce. Mathematical Association of America, April 2010
- Mathematics Education at Texas A&M University-Commerce. Co-presented with Gil Naizer and Lymeda Singleton, Houston Intercontinental Airport, January 2010.
- Fostering Algebraic Thinking: Grades 6 – 8. Region 10 Service Center, Richardson, TX, November and December of 2009 and January of 2010.
- Problem Solving and Mentorship. MASTA grant meeting. Co-presented with Cheri Davis, Texas A&M University-Commerce, Commerce, TX, October 8, 2009.
- Non-Manipulative Strategies in Algebraic Thinking: Grades 6 – 12. Conference for the Advancement of Mathematics Teaching, presented at Houston, TX, 7/16/09.
- Manipulative Strategies in Algebraic Thinking: Grades K – 5. Conference for the Advancement of Mathematics Teaching, presented at Houston, TX, 7/16/09. Presentation made during two sessions.
- Measurement: Volume in Geometric Solids with a Constant Cross-Section, Trinity Valley Community College, Athens, TX, June 19, 2009.
- Developmental Mathematics and the Workshop: Three Years of Data, Mathematical Association of America, Denton, TX, April 17, 2009.
- Mandatory Workshops in a Developmental Mathematics Course, National Association of Developmental Education conference, Greensboro, NC, February 25-28, 2009.
- New Approaches to Traditional Math Computations. Frisco ISD, 11/15/08.
- Mathematical Fluency, Grades K-6, Boles ISD, 8/27/08
- Math Facts and Mathematical Fluency, Grades K-6, Duncanville, TX 8/26/08
- Mathematical Fluency, Grades K-6, Terrell ISD, 8/25/08
- Non-Manipulative Strategies in Algebraic Thinking: Grades 6 – 12. Conference for the Advancement of Mathematics Teaching, presented at Dallas, TX, 7/18/08

- Manipulative Strategies in Algebraic Thinking: Grades K – 5. Conference for the Advancement of Mathematics Teaching, presented at Dallas, TX, 7/16/08
- Supplemental Instruction from the SI Leaders' View from the Developmental Mathematics Workshop. Mathematical Association of America, presented at Stephenville, TX, 4/4/08
- A Quantitative Look at the Effects of a Required Workshop in Intermediate Algebra. MAA Texas Section Meetings, presented at Edinberg, TX. 4/13/07
- Students' Perspectives on a Required Workshop in Intermediate Algebra. MAA Texas Section Meetings, presented at Edinberg, TX. 4/13/07
- Data Collection Activities in Middle School Mathematics and Science Classrooms, presented at the T3 Conference at Region 10, Richardson, TX, 6/15/07
- Teaching Transformations with Technology Using the TI 83/84, presented at the T3 Conference at Region 10, Richardson, TX, 6/16/07
- Teaching Mathematics TEKS Through Technology, Texas Association Supervisors in Mathematics meeting, Austin, TX, 1/31/06 – 2/2/06, the Texas A&M-Commerce writing team, along with the Region 4 writing team, presented the TMT3 materials to the TASM organization. We arrived early and setup the rooms, as well as helping tear down the rooms at the end of the 3 days.
- Teaching Mathematics TEKS Through Technology, San Antonio, TX, 6/4/06 – 6/9/06, the Texas A&M-Commerce writing team, along with the Region 4 writing team, presented the TMT3 materials to the Regional Service Center trainers. We arrived early and setup the rooms, and I stayed to tear down the rooms at the end of the week.
- Teaching Mathematics TEKS Through Technology, Houston, TX, 12/13/05 – 12/16/05, the Texas A&M-Commerce writing team, along with the Region 4 writing team, presented the TMT3 materials to the Regional Service Center trainers.
- How Does a Math Tutoring Center Stack Up? Presented: Bowling Green State University, Bowling Green, OH. Fall 2005.
- Developmental Mathematics Interventions. Presented: Texas A&M University-Commerce, Commerce, TX. Fall 2005.
- The Effectiveness of Interventions on the Pass Rates in Developmental Math Courses. Presentation and Defense of SHED 710, in partial fulfillment of the Doctorate of Education in Supervision, Curriculum, and Instruction -- Higher Education. Presented: Texas A&M University-Commerce, Commerce, TX. Summer 2005
- Preliminary Results for Doctoral Dissertation. Presented: Honolulu Convention Center, Honolulu, Hawaii. Summer 2003.
- The Supplemental Instruction Program. (Including Preliminary Results for Doctoral Dissertation.) Presented: College of Dupage, Glen Ellyn, Illinois. Spring 2003.

- Activities in Intermediate Algebra. Presented: Forum for Developmental Education. Kerrville, Texas. Spring 2002.

### **Professional Organizations**

- Mathematical Association of America
- Association of Mathematics Teacher Educators - Texas
- National Council of Teachers of Mathematics
- Texas Council of Teachers of Mathematics
- National Association for Developmental Education
- Texas Association for Developmental Education
- Local Chapter of Alpha Gamma Alpha

### **Awards:**

- Faculty Senate University Service Award. 4/2015
- The Delta Sigma Zeta “Delta Choice Award” for “Most Outstanding Professor”.
- Texas A&M System Teaching Excellence Award. 7/2009
- Texas A&M System Teaching Excellence Award. 7/2010
- Texas A&M System Teaching Excellence Award. 6/2012

### **Nominations for Awards:**

- Neill Humfeld Distinguished Faculty Award for Service (2014 & 2015).
- Faculty Senate Award for University Service (2014 & 2015).
- Distinguished College or University Teaching Mathematics Award, from the Mathematical Association of America (2013).

### **Service to Campus Organizations**

- Served as Acting Advisor for Alpha Lambda Delta, 2012, San Antonio, TX
- Advisor: Pi Mu Epsilon, Mathematical Association of America Student Section,
  - and Alpha Gamma Alpha, Council of Teachers of Mathematics, Texas A&M University-Commerce. March 2003–February 2009
- Pi Mu Epsilon, Mathematics Honor Society
  - Vice President: 1994-1995
  - President: 1996-1997
- Alpha Chi Honor Scholarship Society
- Phi Eta Sigma Honor Society
- Alpha Mu Gamma, Spanish Honor Society

## **Service to the Math Department**

- Coordinator of the First Year Math Program, where I work with all teachers in Intermediate Algebra, College Algebra, Business Math, and Liberal Arts Math to standardize our curriculum and classroom practices and to study Best Practices in the classroom
- Coordinator of the Developmental Math Program, where I create the agenda, syllabus, and weekly training sessions for all GATs who teach in our department. I personally act as the faculty supervisor for all teaching GAs, which includes 10 graduate students this year alone.
- Chair of the departmental SACS committee
- Chair of the Graduate Student Handbook committee
- Search Committees for multiple positions (two this semester alone in the math department) – often acting as chair or co-chair
- Curriculum Committee
  - Subcommittee for developing a new Introduction to Statistics course
  - Subcommittee for Math Education
  - Course Philosophy/Descriptions, and online catalog descriptions
  - Numerous textbook committees (chair at times)
- Math Club Sponsor for over six years
- Serve as a faculty advisor for Math majors, Math Education majors, and students earning the MS in Math.
- Served as Advisor for Honors Theses:
  - Lacy Gaines (First Graduate of new Honor's College) and
  - Allison Stauffer (2013 – 2014)
- Served on multiple Math 595 committees in the department
  - “Technical Advisor” on multiple 595 committees to assist students with formatting and other requirements for their papers
- Coordinator for various courses for multiple years, including College Algebra and Intermediate Algebra
- AIM (Adventures in Mathematics) Committee
  - Algebra Competition Coordinator
  - Logistics Coordinator
- Homecoming committee chair
- Department Strategic Planning committee
  - Newsletter author/editor for Fall AFTERMATH Newsletter

- Organizer of monthly technology training sessions within the department (as part of a grant)
- Assist with activities such as Mane Event, Orientation, Transfer Orientations, Job Fairs, and Majors Fairs, etc., whenever needed
- Serve as the liaison for the department to Region X for middle school and high school math workshops to present at Region X and to work with them on developing workshops.
- Undergraduate program review for department – co-author with Department Head
- LASSI implementation in First Year Math courses
- Assist with paperwork for administration items such as EPAs on student workers, GANTs, adjuncts, etc.; reallocations paperwork; GAT accountability forms, etc.
- Drive vans for multiple departmental outings, including conferences and Rangers games. ☺
- Assist with the supervision of website maintenance for department/often update webpage myself.
- Created various resource webpages and organized video creation for multiple math topics for our online resource page (part of a grant)
- Courtesy Fund Coordinator

### **Service to the University**

- Recently volunteered for the University Diversity and Inclusion Committee (Application pending)
- Served on multiple search committees for other departments and the university, including:
  - Provost Search committee,
  - Academic Advisor searches,
  - Physics Education searches,
  - Ag Education Searches,
  - LeoTeach Director search, and
  - Education (Ed Leadership) searches.
- Invited Speaker for Phi Eta Sigma Honors Society Induction Ceremony
- Served on multiple dissertation committees for other departments and colleges.
- Worked on NSF STEP grant to assist four students in writing online modules to answer “Why do I need math” for high school students. Assisted students in module development, creative processes, and with presentations at conferences.
- Served on Admissions Appeals committee
- Served on Developmental Appeals committee for multiple years.
- Served on OARR committee

- Currently serving on TEARAC committee
- Served/serving on multiple university- or college-wide SACS-related committees, such as University Compliance Council, college SACS committee, etc.
- Served as a Freshman Success Seminar instructor in the fall to assist incoming students with knowledge to help them survive their first year
- Assist with activities such as Mane Event, Orientation, Transfer Orientations, Job Fairs, and Majors Fairs, etc., whenever needed
- Assisting with Grades First implementation
- Bridge Builder

### **Service to the Community**

- Coordinated two Service Learning Days per year for two years (as part of a grant) to assist Intermediate Algebra Students with seeing math in use in the real world. Products were donated to various locations, including:
  - Parks and Recreation
  - Boys and Girls Club
  - Nursing Home
  - Community Garden
  - Public Library
- Assisted with setup and running of the Masonic Golf Tournament for multiple years.

### **Service to the Academic Community**

- Nominated to be Treasurer of Texas Council for Teaching Mathematics (TCTM), 2015. Not elected.
- Serving as a reviewer for the Association of Mathematics Teacher Educators – Texas (AMTE – TX) online journal (Fall 2014 – Present)
- Reviewer, “Exploring Data: The Mean, Median, and Box-and-Whisker Plot”, presented to the AMTE-TX online journal, blind review February 2015.
- Reviewer, “Cohesion and Perceived Proficiency in ITA Oral Communication across Engineering and the Sciences”, to appear in a collected volume on International Teaching Assistants, Fall 2014.
- Serving as Director of the Northeast Texas Algebra Competition, Spring 2013 – Present

- Served on Faculty Focus Panels, summer 2012, 2013, and 2014, for McGraw Hill and Pearson, First Year Math textbooks, CAMT and NADE conferences.
- Volunteer for the CAMT and NADE conferences, to assist with conference proceedings, registration, etc. Every year since 2007 (CAMT) and since 2013 (NADE).
- Review of *College Algebra* by Hendrix/Chow: McGraw Hill Publishers. October, 2011. Served on faculty focus group, November 2011
- Review of *College Algebra: A Functions-First Approach* by Huff/Payne: Pearson Publishers. November, 2010.
- Review of the Sullivan and Sullivan *College Algebra*, 1<sup>st</sup> Edition, Textbook: Prentice Hall Publishers. 2008.
- Review of the Miller/Hyde/O'Neill *Intermediate Algebra*, 1<sup>st</sup> Edition, Textbook: McGraw-Hill Publishers. 2007.
- Review of the Messersmith *Beginning/Intermediate Algebra*, 1<sup>st</sup> Edition, Textbook: McGraw-Hill Publishers. 2005.
- Reviewed a new text that we are currently using in our classes for Math for Elementary Education Majors: *Mathematics for Elementary Teachers: A Conceptual Approach* by Bennett/Nelson (6<sup>th</sup> edition). Also, I was asked to review the supplemental Activities Book that accompanies the book. McGraw-Hill; Supervisor: Amy Gambala. November, 2004
- Participated in the Regents' Initiative Academy for Educator Excellence, 2<sup>nd</sup> Cohort (2001 – 2005)
- Develop workshops for in-service teachers who need Professional Development through Region X Service Center
- Developed statewide curriculum to be used in middle schools and high schools across the state (part of the TMT3 grant)
- Served as a faculty member/PI on numerous grants that benefit teachers in the area in particular, and the community as a whole, including MASTA, DEDP, CSSP, multiple TQ grants, NSF STEP, and TMT3.
- Coordinated multiple two-week Summer Bridge programs and one-day Workshops to assist students who had a math deficiency during the two week August break prior to fall semesters (both as part of a grant and after)