Curriculum Vita

Instructor: Rebecca Steward
Academic Department: Mathematics

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EDUCATION

Master of Science – Major: English
Texas A&M University – Commerce – December 2015

Master of Science – Major: Mathematics
Texas A&M University – Commerce - August 2015

Bachelor of Science – Major: Mathematics   Second Major: English
Texas A&M University – Commerce – December 2012
Graduated Cum Laude

Associate of Science – Major: Mathematics   Second Major: English
Paris Junior College – August 2011
Graduated with highest honors

TEACHING EXPERIENCE

August 2017 – Present
Full-Time Instructor Mathematics Department, Texas A&M University – Commerce, Texas
- Teach Math 131 – Intermediate Algebra, Math 1314 – College Algebra, Math 2312 – Pre Cal, Math 1325 – Business Math II, Math 120 – Foundations of Mathematics for Math Non-Stem Majors, Math 1332 – Contemporary Math, Math 0099 – Bridge for Non-TSI complete students
- Teach full semester classes
- Develop and administer homework assignments
- Administer and grade exams and quizzes, record grades and attendance, and report student progress according to university policy
- Develop teaching materials such as syllabi, lesson plans, online videos, and visual aids to supplement lessons

- Develop a new foundations course for non-stem majors including the agenda, activities, lesson plans, exam material, and homework assignments.
- Develop a new course for intermediate algebra including the agenda, activities, lesson plans, exam material, and homework assignments
- Encourage and tutor students through regular office hours and scheduled appointments

January 2019
Bridge Program
- Teach Math to students trying to bridge over from Intermediate Algebra to College level Mathematics
- Develop lesson plans and visual aids to supplement the lessons, specifically for distance, rate, and time problems, work problems, and translating word problems to expressions and equations.
- Assist in facilitating the assessment exams at the end of the program

August 2018
Bridge Program
- Teach Math to students trying to bridge over from Intermediate Algebra to College level Mathematics
- Develop lesson plans and visual aids to supplement the lessons, specifically for distance, rate, and time problems, work problems, and slope problems
- Assist in the lab portion by helping students using the Aleks program for homework assignments
- Assist in facilitating the assessment exams to track students progress
- Assist in implementing the daily schedule
- Assist in the check in of students as they entered the Bridge program
- Served on committee of the Bridge Program

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August 2017
Bridge Program, Mathematics Department, Texas A&M University – Commerce, Texas
- Teach Math to students trying to bridge over from Intermediate Algebra to College level Mathematics
- Develop lesson plans and visual aids to supplement the lessons, specifically for distance, rate, and time problems, work problems, and slope problems
- Assist in the lab portion by helping students using the Aleks program for homework assignments

- Assist in facilitating the assessment exams to track students progress
- Assist in implementing the daily schedule
- Assist in the check in of students as they entered the Bridge program
- Served on committee of the Bridge Program

August 2016 – May 2017
Adjunct Mathematics Department, Texas A&M University – Commerce, Texas
- Teach Math 1324 – Business Math I, Math 131 – Intermediate Algebra, Math 1314 – College Algebra, Math 2312 – Pre Cal
- Teach full semester classes and flex (8 week) classes
- Develop and administer homework assignments
- Administer and grade exams and quizzes, record grades and attendance, and report student progress according to university policy
- Develop teaching materials such as syllabi, lesson plans, online videos, and visual aids to supplement lessons
- Encourage and tutor students through regular office hours and scheduled appointments

January 2017
Bridge Program
- Teach Math to students trying to bridge over from Intermediate Algebra to College level Mathematics
- Develop lesson plans and visual aids to supplement the lessons, specifically for distance, rate, and time problems, work problems, and translating word problems to expressions and equations.
- Assist in facilitating the assessment exams at the end of the program

August 2016
Bridge Program, Mathematics Department, Texas A&M University – Commerce, Texas
- Teach Math to students trying to bridge over from Intermediate Algebra to College level Mathematics
- Develop lesson plans and visual aids to supplement the lessons, specifically for distance, rate, and time problems, work problems, and slope problems
- Assist in the lab portion by helping students using the Aleks program for homework assignments
- Assist in facilitating the assessment exams to track students progress
- Assist in implementing the daily schedule
- Assist in the check in of students as they entered the Bridge program
- Served on committee of the Bridge Program

June 2016 – August 2016
GRE Instructor, ELI Department, Texas A&M University – Commerce, Texas
- Teach Math to students studying for the GRE exam
- Develop lesson plans
- Develop and administer homework assignments
- Administer sample exams

- Encourage and tutor students through scheduled appointments

August 2015 – May 2016
Ad-Interim Instructor, Mathematics Department, Texas A&M University – Commerce, Texas
- Teach Math 1314 – College Algebra, Math 2312 – Pre Cal
- Teach full semester classes and flex (8 week) classes
- Develop and administer homework assignments and keep grade book using the MyMathLab online system
- Administer and grade exams and quizzes, record grades and attendance, and report student progress according to university policy
- Develop teaching materials such as syllabi, lesson plans, online videos, and visual aids to supplement lessons
- Develop and grade homework assignments
- Encourage and tutor students through regular office hours and scheduled appointments
- Attend faculty staff meetings

January 2013 – August 2015
Graduate Assistant Teaching, Mathematics Department, Texas A&M University – Commerce, Texas
- Teach College Algebra and Intermediate Algebra during regular and summer semesters
- Develop teaching, class management, and communication skills through weekly training meetings.
- Develop and administer homework assignments and keep grade book using the MyMathLab online system.
- Develop teaching materials such as lesson plans and visual aids to supplement lessons.
- Administer and grade exams and quizzes, record grades and attendance, and report student progress according to university policy.
- Encourage and tutor students through regular office hours and scheduled appointments
- Participate in peer evaluations

January 2013 – August 2017
Adjunct, Paris Junior College – Greenville Center
- Teach Integrated Reading & Writing, Reading, Intermediate Algebra, Elementary Algebra, Foundations of Mathematical Reasoning, Foundations of Algebraic Reasoning, Pre Cal, Statistics, Contemporary Math
- Teach face to face classes as well as ITV (Instructional Television) classes
- Teach during regular semesters as well as summer semesters
- Develop and administer homework assignments and keep grade book using the MyMathLab online system.
- Develop teaching materials such as syllabi, lesson plans and visual aids to supplement lessons.
- Administer and grade exams and quizzes, record grades and attendance, and report student progress according to university policy.
- Evaluate and grade student's class work, assignments, papers and examinations.
- Initiate, facilitate, and moderate classroom discussions.

January 2010 – June 2015
Tutor, Paris Junior college – Greenville Center
- Encourage and tutor students in Mathematics, English, and basic education by helping them understand assignments including written papers, therefore allowing them to successfully complete the assignments.

Publications

- Rebecca Steward and Charles Dorsett (2016) "Pseudometrizable Spaces on a Finite Set with a Check," *Fundamental Journal of Mathematics and Mathematical Sciences*, Vol 5, Issue 2, 37-48

Conferences Attended

- Corequisite Courses: A Journey to Success Conference, Houston, TX, June 2019
- Mathematical Square Dancing: Untangling Rational Numbers – Jane Long, Commerce, TX, February 2019
- Texas Corequisite Conference; Austin, TX, January 2019
- 3rd Annual McCabe Conference cosponsored by NADE, TADE, CASP, the North Texas and Dallas County Community College District, Mountain View College, Dallas, TX July 13, 2018
- Conference for the Advancement of Mathematics Teaching (CAMT); San Antonio, TX, June 2016. Attend meetings including: teaching mathematics for a growth mindset, strategies for student engagement, using manipulatives in hands on teaching of algebra, fractions, geometry, and statistics. Also visited with vendors to learn about the latest in classroom learning tools.
- Annual Meeting of the Texas Section of the Mathematical Association of America; Nacogdoches, TX April 2016
- The 37th Annual Conference for the National Association for Developmental Education (NADE) Conference, Dallas, TX, March 2014

Professional Development Workshops Attended (at Texas A&M University-Commerce)

- Math Club Advisor Training – September, November, December 2019
- Scholarship training – November 2019
- W-9 Training for Club Advisors – January 2019
- D2L Training; January 2019
- Active Shooter training and Lion Safe training, October 2018
- Cengage Co-requesite Models, April 27, 2018
- Pearson Co-requesite Models, Math XL, April 20, 2018
- McGraw Hill Co-requesite Models, April 13, 2018
- McGraw-Hill/ALEKS/Connect – Adaptive Learning for Mathematics Classes Training, November 2016
- Interactive Projector for Classrooms training, August 2016
- Hawkes Learning Systems for Mathematics Classes training, April 2016
- MyMathLab for Mathematics Classes training, April 2016
- ALEKS - Adaptive Learning for Mathematics Classes training, April 2016
- Panic Button and Active Shooter training, February 2016

- MyMathLab for Mathematics Classes training, April 2015
- iClicker for Classroom training, January 2014
- MyMathLab for Mathematics Classes training, August 2013
- Smartboard for Classrooms all day training August 2013

Presentations Given

- The Mathematics Department Math Club Meeting; Commerce, TX, November 2019: Magical Mysteries of Math
- Collin College Co-Requisite Conference; Plano, TX November 1, 2019: Corequisites and Non-STEM Developmental Mathematics Curriculum
- Mane Event Preview Day – A&M Commerce; Commerce, TX, October 2019, Magical Mysteries of Math and Department information regarding the Mathematics program at A&M Commerce
- Conference for the Advancement of Mathematics Teaching (CAMT); San Antonio, TX, July 2019: Co-requisite Courses
- Annual Meeting of the Texas Section of the Mathematical Association of America; Stephenville, TX, March 2019: Corequisites and Non-Stem Developmental Mathematics
- Mane Event Preview Day – A&M Commerce; Commerce, TX, March 2019, Magical Mysteries of Math and Department information regarding the Mathematics program at A&M Commerce
- Adventures in Mathematics (AIM) Day; Commerce, TX, March 2019, Unknotting the Tricks behind Mathematical Mysteries
- Conference for the Advancement of Mathematics Teaching (CAMT); Houston, TX, July 2018: Online Videos that Support Class Material
- Annual Meeting of the Texas Section of the Mathematical Association of America; Dallas, TX, April 2018: Non-Stem Developmental Mathematics
- Mane Event Preview Day – Texas A&M University – Commerce; Commerce, Texas, March 3, 2018: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University – Commerce
- Adventures in Mathematics (AIM) Day; Commerce, TX, February 2018, Composing M&Ms (Math & Magic) Tricks
- Mane Event Preview Day – Texas A&M University – Commerce; Commerce, Texas, October 2017: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University – Commerce
- The Mathematics Department Math Club Meeting; Commerce, TX, October 2017: Magical Mathematical Patterns
- Conference for the Advancement of Mathematics Teaching (CAMT); Fort Worth, TX, July 2017: Making Connections within the Unit Circle
- Annual Meeting of the Texas Section of the Mathematical Association of America; Commerce, TX, April 2017: Online Videos that Support Class Material
- Mane Event Preview Day – Texas A&M University – Commerce; Commerce, Texas, February 2017: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University – Commerce
- Adventures in Mathematics (AIM) Day; Commerce, TX, February 2017, Sculpting

Mathematical Patterns in Creative and Magical Ways
- The Mathematics Department Math Club Meeting; Commerce, TX, December 2016: Magical Mysteries of Math
- 2nd Annual National Distance Learning Week Mini-Conference, Texas A&M University – Texarkana; Texarkana, TX, November 2016: Online Videos that Support Class Material
- Mane Event Preview Day – Texas A&M University – Commerce; Commerce, Texas, October 2016: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University – Commerce
- Annual Meeting of the Texas Section of the Mathematical Association of America; Nacogdoches, TX, April 2016: The Number of Topologically Equivalent Topologies to Each Topologically Pseudometrizable Distinct Space on a Finite Set
- Departmental Colloquium at the Mathematics Department at Texas A&M University – Commerce; Commerce, TX, March 2016: The Number of Pseudometrizable Spaces on a Finite Set with a Check
- Adventures in Mathematics (AIM) Day; Commerce, TX, February 2016: Magical Mysteries of Math
- Mane Event Preview Day – Texas A&M University – Commerce; Commerce, Texas, February 2016: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University – Commerce
- Brookhaven College STEM Fair; Dallas, TX, February 2016: Magical Mysteries of Math and Department information regarding the Mathematics program at Texas A&M University - Commerce
- The Mathematics Department Math Club Meeting; Commerce, TX, December 2015: Magical Mysteries of Math

Memberships

- Member – Mathematical Association of America
- Member - Phi Kappa Phi Honor Society
- Member - Pi Mu Epsilon Mathematical Honor Society
- Member - Sigma Tau Delta English Honor Society
- Member - Alpha Chi Honor Society
- Member - Sigma Alpha Pi Chapter of The National Society of Leadership and Success
- Member - Phi Theta Kappa Honor Society

Award Nominations

- Faculty Senate Awards for Professional Excellence Award in Teaching, Classroom Excellence, December 2017
- Faculty Senate Awards Recognition Award for Professional Excellence in Teaching – Innovation Award

Volunteer Experience

- Mathematics Club Co-Sponsor for Alpha Gamma Alpha (AGA) and Council of Teachers of

Mathematics (CTM) Texas A&M University – Commerce, August 2018 to Present

- Volunteered at Conference for the Advancement of Mathematics Teaching (CAMT); Houston, TX, July 2018
- Served on Adventures in Mathematics (AIM) Day Committee; Commerce, TX, February 2017
- Served on the steering committee for the Annual Meeting of the Texas Section of the Mathematical Association of America; Commerce, TX, 2016-2017
- Gathered historical information regarding the history of the Mathematics Department at Texas A&M University – Commerce including the list of department heads and ambassadors to create a historical display honoring these mathematical leaders in the future, Spring, Summer, and Fall 2016 to present
- Orientation for new students of Mathematics at Texas A&M University – Commerce; Commerce, Texas: Assisted new students in creating their schedule of classes and registering for these classes, Spring 2016
- Served on Adventures in Mathematics (AIM) Day Committee; Commerce, TX, February 2016
- Served on Adventures in Mathematics (AIM) Day Committee; Commerce, TX, February 2015
- Assisted in Adventures in Mathematics (AIM) Day; Commerce, TX, February 2014