

Laura Beene

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Education:

Texas A&M University – Commerce

Master of Science May 2017

Major: Mathematics

University of Texas – Arlington

Master of Education May 2011

Major: Curriculum and Instruction with an Emphasis in Mathematics Education

Texas A&M University – Commerce

Bachelor of Science May 2008

Major: Mathematics

Certification: 8-12 Mathematics

Teaching Experience:

August 2017 – Current

Instructor of Mathematics, Mathematics Department, Texas A&M University-Commerce, Texas

- Teach classes such as Intermediate Algebra, College Algebra, and Topics in Mathematics Elementary Teaching
- Create and organize course materials for each course.
- Develop teaching materials and strategies for a diverse group of students on a term basis.
- Assess student learning through various methods.
- Tutor students through office hours and scheduled appointments.

August 2015- May 2017

Graduate Teaching Assistant, Mathematics Department, Texas A&M University-Commerce, Texas

- Teach Math 131-Intermediate Algebra and Math 142 – Pre-Calculus
- Develop and administer homework assignments using MyMathLab online system and ConnectMath online system.
- Create and organize course materials for each course.
- Develop teaching materials and strategies on a term basis.
- Assess student learning through various methods.
- Incorporate a variety of teaching methodologies in each course.
- Tutor students through office hours and scheduled appointments.
- Participate in peer evaluations.
- Attend weekly training meetings to discuss classroom management, teaching strategies, and communication skills.

August 2016

Bridge Program, Mathematics Department, Texas A&M University-Commerce

- Instruct students in a program aimed at helping students test out of a developmental math course.
- Design lesson plans and activities for the students.
- Assist in lab section aimed at helping students address learning gaps using the ALEKS learning system.

August 2011- August 2015

Adjunct, Mathematics Department, Paris Junior College, Greenville, Texas

- Teach developmental math courses including Elementary Algebra, Intermediate Algebra, Skill Development in Math, and Communication Skills in the Workplace.
- Develop teaching strategies on a term basis.
- Create and organize course materials for each course.
- Assess student learning through various methods.
- Incorporate a variety of teaching methodologies in each class.

August 2008 – May 2013

Teacher, Rockwall Heath High School, Rockwall, Texas

- Help design, devise and implement high school curriculum.
- Align curriculum with a variety of student abilities.
- Plan and teach lessons on a daily basis.
- Develop, assign, and assess student assignments as well as provide feedback on assignments.
- Manage student behavior and resolve conflicts.
- Incorporate a variety of teaching methodologies on a daily basis.
- Encourage success in students based on individual needs.

Certifications:

- Texas Classroom Teacher Certificate – 8-12 Mathematics

Publications:

Dibbs, R. A., & Beene, L. N. (2017). STEM major mindset changes during their first undergraduate mathematics course. *RUME 2017 conference proceedings*. RUME: San Diego, CA.

Conference Presentations:

- Beene, L. N. (2018, July). Visualizing Fractions with Pattern Blocks. CAMT, Houston, Texas.
- Dibbs, R. A. & Beene, L. N. (2017, February). STEM major mindset changes during their first undergraduate mathematics course. Poster presented at SIGMAA-RUME Conference, San Diego, CA.
- Dibbs, R. A. & Beene, L. N. (2017 March). STEM major mindset changes during their first undergraduate mathematics course. MAA Texas Section Meeting, Commerce, Texas.
- Organized and led student panel. (2017 February). Adventures in Mathematics (AIM) Day, Commerce, Texas.

Honors:

- Mayo Scholar Finalist TAMUC 2006
- Most Influential Teacher, Rockwall Heath High School 2013
- Rachel Lafferty Mathematics Scholarship
- Bill, Gloria & James Aslan Graduate Student Endowment
- Best Session Talk – MAA Texas Section Meeting, Commerce, TX 2017
- Outstanding Graduating Graduate Student 2017

Service:

- Assisted in Annual Meeting of Texas Section of Mathematical Association of America, Commerce, Texas, (2017).
- Assisted in Adventures in Mathematics, Commerce, Texas, (2018).
- Assisted in Adventures in Mathematics, Commerce, Texas, (2017).
- Assisted in Adventures in Mathematics, Commerce, Texas, (2016).

Memberships:

- Mathematical Association of America
- Special Interest Group of the MAA on Research in Undergraduate Mathematics Education