

ALYSSA MOORE

| amoore@southplainscollege.edu

EDUCATION

West Texas A&M University
Master of Science in Mathematics
Advisor: Dr. Pamela Lockwood-Cooke

Canyon, TX
May 2016

West Texas A&M University
Bachelor of Science in Mathematics
Senior Research Project: Applications of Probabilistic Encryption

Canyon, TX
May 2015

Amarillo College, Amarillo, TX
Major: Mathematics

August 2011 – December 2012

TEACHING EXPERIENCE

Palo Duro High School
Gear-Up Tutor
2012

Tutor Mathematics at Palo Duro High School to juniors and seniors. Duties included helping students with math questions and being in the classroom to give students better one on one attention.

Amarillo, TX
September 2011 – December

Caprock High School
Summer School Tutor- Algebra 1

Tutored students who needed to pass the STAAR test. Helped students be prepared for the test.

June 2012

Student Tutor

Tutored students who needed to pass the STAAR test. This included working in the classroom and one on one with struggling students.

February 2013- June 2013

Summer School Tutor- Algebra 1

Tutored students who needed to pass the STAAR test. Helped students be prepared for the test by working with them in either a group setting or one on one.

June 2014

Student Tutor- Algebra 1

Tutored students who needed to pass the STAAR test. Helped students be prepared for the test mainly in their EOC prep classes. I was basically a co-teacher. We worked in order to give the students the best understanding of the material. Targeting our lower scoring students to help and help them improve.

January 2015- June 2015

High School Math Teacher- Dual Credit Pre-Calculus

Taught high school juniors and seniors pre-calculus as the instruction of record through Amarillo College.

August 2016-May 2017

Estacado High School

High School Math Teacher- Estacado High School

Taught high school students pre-calculus and geometry.

August 2017-May 2018

Roosevelt High School

High School Math Teacher- Dual Credit Pre-Calculus

Taught high school juniors and seniors pre-calculus as the instruction of record through South Plains College.

August 2018-Present

South Plains College

Adjunct Instructor- Math 0337

Taught MATH 0337 through South Plains College.

August 2018-Present

West Texas A&M

Math Lab Tutor

Tutor students that are enrolled in WT math classes. These students come into the lab and can ask question about their homework up to Calculus 2.

August 2013 – May 2016

Teaching Assistant – Remedial Algebra Laboratories

Instructed and graded lab sessions one-on-one and full-class instruction and assistance

August 2013 – May 2014

Graduate Teaching Assistant – Remedial Algebra Laboratories

Instructed and graded 4 lab sessions per week - one-on-one and full-class instruction and assistance

August 2015 – May 2016

RESEARCH

Undergraduate Research, West Texas A&M University

Investigated the different Applications of Probabilistic Encryption.

January 2015 – May 2015

Graduate Research, West Texas A&M University

Researched the retention of Caucasian and Hispanic STEM majors at West Texas A&M University.

August 2015 – August 2016

REFERENCES

Dr. Pamela Lockwood-Cooke

Professor of Mathematics and Director of Attebury Honors Program
Academic Advisor and Teaching Assistant Supervisor

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