

Curriculum Vitae
Holly Mitchell
hmitchell@coloradomesa.edu

Education

Texas Woman's University

MS in Mathematics

May 2017

BS in Mathematics

August 2014

Minor in General Science

North Central Texas College

AA in General Studies

May 2010

Teaching Experience

Instructor of Mathematics and Statistics

August 2017 – Current

Colorado Mesa University

Grand Junction, CO

- Designed lesson plans and taught a full-load of courses for *Probability & Statistics*, *Precalculus*, and *College Mathematics*
- Emphasized real-world applications for research and statistics
- Evaluated student performance regularly with daily quizzes and promptly returned graded assignments to students
- Encouraged students' continued engagement in the classroom
- Improved techniques for managing students' differing levels of prior mathematical knowledge
- Used online learning management system, D2L, to communicate with students and provide access to supplemental content.
- Worked with online homework software such as MyMathLab and Connect Math

Graduate Teaching Assistant, Statistics, Financial and Quantitative Literacy

August 2015 – May 2017

Texas Woman's University

Denton, TX

- Designed lesson plans and taught *Elementary Statistics* course for first-year college students
- Evaluated student performance regularly with daily quizzes to encourage students' continued engagement
- Promptly returned graded assignments to students
- Worked with a diverse population of students, including many international students
- Developed tactics for managing students' differing levels of prior mathematical knowledge
- Received positive student evaluation score
- Emphasized real-world applications for research and statistics
- Managed disciplinary actions due to academic dishonesty
- Used online learning management system, Blackboard, to communicate with students and provide access to supplemental content.
- Worked with online homework software such as MyMathLab and WileyPLUS

Mathematics Tutor
Texas Woman's University

August 2013 - August 2014
Denton, TX

- Tutored students in statistics, algebra, calculus, business analysis, trigonometry, matrix methods, and more
- Prepared other tutors with training and material
- Encouraged students to stay focused and engage with instructors in the classroom
- Taught students study techniques and problem solving skills

Research Experience

Master's Thesis

Prior Mathematical Knowledge as an indicator for Student Success in Elementary Statistics

- Designed a mathematics pre-test to measure a student's prior mathematical knowledge
- Found a significant association between pre-test scores and final course grade
- Introduced an approach that allows instructors to establish intervention procedures to help at-risk students

Professional Experience

Graduate Assistant to the Associate Provost

Institutional Research and Data Management
Texas Woman's University

August 2014 – May 2017
Denton, TX

- Assisted the department in statistical analysis pertaining to enrollment, retention rates, and graduation rates of the University.
- Created and maintained initiation reports for the National Secretary of the national mathematics honor society, *Kappa Mu Epsilon*
- Gained experience with SAS statistical software pertaining to reporting, ODS, style and formatting features.
- Assisted in the process of generating teacher evaluations for every instructor at the university.
- Worked with department to help file documents and format Budget Reports.

Service & Accomplishments

Officer of Kappa Mu Epsilon,

National Mathematics Honor Society
Texas Woman's University

August 2013 - May 2014
Denton, TX

- Participated as a leader in monthly meetings to keep members informed and engaged.
- Served as secretary of the organization, collecting student fees and managing funds.
- Assisted in organizing fund-raisers and events to promote student participation.
- Encouraged students with a passion for mathematics to join the organization.

Outstanding Graduate Student Award

Department of Mathematics and Computer Science
Texas Woman's University

2015-2016 Recipient
Denton, TX