

Alexander McNally

E-Mail: amcnally@twu.edu

Education

Texas Woman's University	Denton, Texas
Master of Science in Mathematics, Minor Kinesiology	Aug 2018
Bachelor Degree of Science in Mathematics	Aug 2014
Bachelor Degree of Science in Kinesiology	Aug 2012
Dallas County Community College	Irving, Texas
Associate's Degree of Science	May 2010

Experience

Northlake Community College/Dallas County Community College	Irving, Texas
Adjunct Professor	Aug 2016 – May 2018
Instruct and facilitate learning of mathematics in statistics courses. Prepare and present engaging lesson plans in various study of collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Adjunct professor for MATH 1342 - Elementary Statistical Methods.	
Texas Woman's University Dept. of Mathematics & Computer Science	Denton, Texas
Adjunct Professor	Aug 2016 – May 2018
Instruct and facilitate learning of mathematics in development mathematics courses, with the goal of preparing students for college level mathematics courses. Instruct college level statistics and mathematics courses. Prepare and present engaging lesson plans in various topics, including but not limited to, statistics, algebra, and geometry. Adjunct professor for MATH 1123 - Transition to College Mathematics, MATH 1023 - Introduction to Mathematics and MATH 1703 - Elementary Statistics I.	
Texas Woman's University Dept. of Mathematics & Computer Science	Denton, Texas
Graduate Teaching Assistant	Aug 2016 – May 2018
Instruct and facilitate learning of mathematics in development mathematics courses, with the goal of preparing students for college level mathematics courses. Prepare and present engaging lesson plans in various topics, including but not limited to, statistics, algebra, and geometry. Graduate Teaching Assistant for MATH 1113 - Fundamentals of Algebra, MATH 1123 - Transition to College Mathematics, and MATH 1703 - Elementary Statistics I.	
Private Mathematics Tutor	Denton, Texas
	Sep 2014 – May 2018
Facilitate individual tutoring for all-level students with various levels of mathematics (from K-12 to college). The courses that I tutor range from elementary math and algebra to various college level mathematics (including trigonometry, statistics and calculus). I also tutor science classes such as human anatomy, human physiology, and biomechanics. I integrate effective study and learning strategies to maximize the student's potential for academic progress and individual learning success. Students are also assisted with various mathematics-related programs such as SPSS, and Data Analysis in Microsoft Excel, Microsoft PowerPoint, Microsoft Word, and Texas Instruments Calculators.	
Texas Woman's University Office of Undergraduate Studies	Denton, Texas
Data Entry Operator 2	Nov 2014 – April 2018

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Proctor the Texas Success Initiative (TSI) and Accuplacer assessments, as well as update student records to reflect student performance. Schedule and coordinate assessments and other proctors as necessary. Facilitate course evaluations for transfer credit, and core complete status. I have also assisted in the review of undergraduate degree plans.

Texas Woman's University Mathematics & Technology Success Center

Denton, Texas

Mathematics Tutor

Aug 2013 – Aug 2014

Facilitate individual and small group tutoring for college-level students with various levels of mathematics courses, (including developmental math, trigonometry, algebra, statistics and calculus). Integrate effective study and learning strategies to maximize the student's potential for academic progress and individual learning success. Assist with various mathematics-related programs such as SPSS, and Data Analysis in Microsoft Excel.

Texas Woman's University Fitness & Recreation Center

Denton, Texas

Front Desk Supervisor

Jan 2013 – Jun 2013

Supervised and trained the front desk staff in job duties, policies and procedures. Managed upcoming fitness programs and coordinated sport events. Opened & closed Indoor pool facilities. Set-up and reconciled cash register. Implemented an electronic process to maintain accurate attendance records for the group exercise classes to provide management with data of class attendance and cost/time efficiency.

Texas Woman's University Fitness & Recreation Center

Denton, Texas

Front Desk Staff

Jan 2011 – Aug 2012

Enrolled members in various fitness programs. Facilitated the new member enrollment and membership renewal process. Registered students, faculty, staff, and members in intramural sports and group exercise classes. Ensured that members had a clean and safe environment to achieve their fitness goals by maintaining and organizing fitness equipment.

Equifax

Irving, Texas

Data Analyst

Aug 2007 – Jan 2011

Researched, analyzed and updated data elements in a global commercial business and credit database. Joined the team with focus on data mining exercises to identify data linkage patterns. Evaluated cross-walks between industry codes and updated extensive numbers of data elements in their respective database tables.

Additional Language Skills:

Fluent in English and German