

Mrs. Ameri B. Gurley

Texas Tech University
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Education and Post Graduate Training

MS, Texas Tech University, 2003.
Major: Civil Engineering
Supporting Areas of Emphasis: Minor in Management

BS, Texas Tech University, 2002.
Major: Civil Engineering

Academic and Professional Experience

Engineer, Norville, Schroder and Smith. (May 2008 - Present).

Instructor, Texas Tech University. (August 2005 - Present).

Engineer, Standards Design Group, Inc. (August 2004 - Present).

Teaching Assistant, Texas Tech University. (August 2004 - May 2005).

Research Associate, Wind Science and Engineering Research Center, Texas Tech University. (January 2004 - August 2004).

Research Assistant, Wind Science and Engineering Research Center, Texas Tech University. (February 1999 - December 2003).

TEACHING

Courses Taught

Texas Tech University

CE 1305, Engineering Analysis I, 1 course.
CE 2101, Construction Materials Laboratory, 10 courses.
CE 2301, Statics, 25 courses.
CE 3103, Mechanics of Solids Laboratory, 39 courses.
CE 3303, Mechanics of Solids, 26 courses.
CE 3305, Mechanics of Fluids, 6 courses.
CE 3440, Structural Analysis I, 6 courses.
CE 4331, Special Problems: Mechanics of Solids, 1 course.

Teaching Awards and Honors

Most Influential Faculty Member, Whitacre College of Engineering. (December 16, 2016).

Nominated for the Lockheed-Martin Faculty Award, Lockheed-Martin. (August 2016).

Most Influential Faculty Member, Engineering Honors College. (May 20, 2016).

RESEARCH

Published Intellectual Contributions

Book, Textbook-New

Norville, S., Gurley, A. *Engineering Mechanics: Statics* (1st ed., vol. 1, pp. Approximately 500).
Dubuque, Iowa: Great River Technologies.

Software, Instructional

Norville, S., Morse, S., Gurley, A. (2009). *Atmospheric Pressure Effects on Insulating Glass Units*.
Lubbock, TX: Standards Design Group.

Presentations Given

Gurley, A. (Presenter & Author), International Conference of Wind Engineers, "Shielding Effects
on Neighborhood Housing," Lubbock, Tx. (June 6, 2003).

Media Contributions

TV

Dragonfly TV. (2003).

SERVICE

College Service

Instructor for a Short Course, Science, It's a Girl Thing! (June 13, 2016 - June 16, 2016).

Department Service

Committee Member, Curriculum Review Committee. (September 1, 2016 - Present).

Competition Adjudicator/Juror, ASCE Student Symposium. (April 7, 2016 - Present).

Faculty Advisor, Chi Epsilon. (November 1, 2015 - Present).

Academic Coordinator, CE 3303 - Mechanics of Solids. (January 1, 2005 - Present).

Committee Member, Higher Education Team. (February 24, 2015 - March 31, 2015).

Public Service

Guest Speaker, Society of Women Engineers, Lubbock, Texas. (November 12, 2016).

GENERAL

Professional Memberships

American Society for Civil Engineers. (January 1, 2016 - Present).

Faculty Advisor, Member, Chi Epsilon. (November 1, 2015 - Present).

Development Activities Attended

Workshop, "STEP Program Workshop: Student-Centered Problem Solving in STEM," TLPDC, Lubbock, Texas, United States. (March 27, 2017).

Workshop, "STEP Program Workshop: Inclusion in the STEM Classroom," TLPDC, Lubbock, Texas, United States. (March 22, 2017).

Workshop, "STEP Program Journal Club: Practice Makes Permanent. Developing Students' Critical Thinking Through Guidance and Reinforcement," TLPDC, Lubbock, Texas, United States. (February 10, 2017).

Workshop, "Enhancing the Classroom with Turning Technologies Clickers," TLPDC, Lubbock, Texas, United States. (January 27, 2017).

Workshop, "STEP Program: Effective Questioning Strategies in STEM," TLPDC, Lubbock, Texas, United States. (October 14, 2016).

Presentation, "McDonald Mehta Lecture Series," National Wind Institute, Lubbock, Texas, United States. (September 19, 2016).

Workshop, "STEP Program: There is Nothing Passive About Active Learning," TLPDC, Lubbock, TX, United States. (September 14, 2016).