

Mrs. Ameri B. Gurley

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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, 35 courses.
CE 3103, Mechanics of Solids Laboratory, 61 courses.
CE 3303, Mechanics of Solids, 44 courses.
CE 3305, Mechanics of Fluids, 17 courses.
CE 3321, Introduction to Geotechnical Engineering, 1 course.
CE 3340, Structural Analysis, 2 courses.
CE 3341, Principles of Structural Design, 1 course.
CE 3440, Structural Analysis I, 30 courses.
CE 4000, Special Studies in Civil Engineering, 1 course.
CE 4330, Design of Engineering Systems, 4 courses.
CE 4331, Special Problems: Mechanics of Solids, 1 course.

ENGR 1106, Math Fundamentals for Engineering Students, 1 course.
ENGR 1110, Engineering Seminar, 1 course.

Teaching Awards and Honors

Most Influential Faculty Member, Engineering Honors College. (May 10, 2024).

Most Influential Faculty Member, Engineering Honors College. (December 15, 2023).

Jerry S. Rawls Distinguished Undergraduate Educator Award, College of Engineering at Texas Tech University. (April 29, 2022).

Mortar Board Apple Polishing Award, Mortar Board Forum. (October 17, 2021).

A Most Influential Faculty Member, Whitacre College of Engineering. (May 17, 2019).

District recipient of the James M. Robbins Excellence in Teaching Award, Chi Epsilon. (February 2019).

A Most Influential Faculty Member, Whitacre College of Engineering. (December 14, 2018).

Dr. Charles L. Burford Faculty Award. (December 12, 2017).

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

Software, Instructional

Norville, H., 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

University Service

Committee Member, Teaching Academy. (September 1, 2022 - Present).

Attendee, Orientation, New Faculty Orientation. (August 20, 2024).

Attendee, Orientation, New Faculty Orientation. (August 22, 2023).

Attendee, Orientation, New Faculty Orientation. (August 23, 2022).

Faculty Advisor, Lutheran Student Fellowship. (January 1, 2020 - Present).

College Service

Presenter, Explore Engineering Camp. (July 11, 2024).

Committee Member, Whitacre College of Engineering Awards Committee. (February 20, 2023 – March 31, 2023).

Presenter, Catch the Engineering Bug. (October 20, 2023).

Presenter, Launch Your Future in Engineering Event. (August 23, 2023).

Presenter, Explore Engineering Camp. (June 26, 2023).

Presenter, Catch the Engineering Bug. (November 5, 2022).

Presenter, High Tech U run by XFAB. (October 5, 2022).

Presenter, Launch Your Future in Engineering Event. (August 24, 2022).

Presenter, Explore Engineering Camp. (June 28, 2022).

Committee Member, COVID Lessons Learned. (May 3, 2021 - October 1, 2021).

Presenter, Explore Engineering Camp. (June 29, 2021).

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

Department Service

Committee Member, Professor of Practice Search Committee. (August 19, 2024 - Present).

Faculty Advisor, ASCE - American Society of Civil Engineers. (October 1, 2022 - Present).

Committee Member, CECE Awards Committee. (September 2022 - Present).

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

Committee Member, Curriculum Committee. (January 2023 – March 2024).

Committee Member, The Jerry S.Rawls Distinguish Educator Awards. (November 1, 2021).

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

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

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

Public Service

Guest Speaker, Project Lead the Way, LUBBOCK, TX. (April 12, 2022).

Guest Speaker, Society of Women Engineers, Lubbock, TEXAS. (October 30, 2021).

Guest Speaker, Society of Women Engineers, LUBBOCK, TX. (October 26, 2019).

Guest Speaker, Society of Women Engineers, Lubbock, TX. (November 17, 2018).

Guest Speaker, Lunch and Learn, Lubbock, TX. (October 16, 2018).

Guest Speaker, Raider Ready, Lubbock, TX. (October 4, 2018).

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

Service/Performance Partnerships

Society of Women Engineers “Catch the Engineering Bug”, Other (Specify Below), Research and Creative Activity, Texas. (October 26, 2019 - October 2019).

GENERAL

Professional Memberships

CECE Academy at Texas Tech University. (September 29, 2023 - Present).

Board Representative for the Whitacre College of Engineering, Teaching Academy. (September 1, 2022 - Present).

American Society for Engineering Education. (October 19, 2021 - Present).

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

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

Development Activities Attended

- Workshop, "Agreements for Self-Care: Myths, Monsters, and Mitote," TLPDC, TX, United States. (March 7, 2024).
- Workshop, "Building Your Brand in Higher Education: Your Guide to Identity, Websites, Podcasting, and More," TLPDC, LUBBOCK, TX, United States. (March 7, 2024).
- Workshop, "Ethical Perspectives and Dilemmas in Teaching," TLPDC, Lubbock, TX, United States. (February 28, 2024).
- Workshop, "Mentorship Series: Maintaining Effective Communication," TLPDC and Teaching Academy, LUBBOCK, TX, United States. (February 13, 2024).
- Workshop, "Neurodiversity: Broadening the Lens," TLPDC, LUBBOCK, United States. (February 13, 2024).
- Conference Attendance, "Large Language Models and Academic Integrity: How they coexist," Teaching Academy, LUBBOCK, TX, United States. (February 9, 2024).
- Workshop, "Understanding Autism: An Introductory Exploration for Understanding and Connection," TLPDC, LUBBOCK, United States. (January 23, 2024).
- Workshop, "Teaching in an AI World: Building Confidence and Finding Our Way," TLPDC and Teaching Academy, LUBBOCK, TX, United States. (September 27, 2023).
- Conference Attendance, "John M. Burns Conference," TLPDC and Teaching Academy, LUBBOCK, TX, United States. (September 8, 2023).
- Tutorial, "Teaching Strategies: A Faculty Panel Discussion," Texas Tech TLPDC - STEP, Lubbock, TEXAS, United States. (April 4, 2023).
- Seminar, "Women's Health Discussion," Obesity Research Institute, LUBBOCK, TX, United States. (March 8, 2023).
- Conference Attendance, "John M. Burns Conference," TLPDC and Teaching Academy, LUBBOCK, TX, United States. (October 3, 2022).
- Seminar, "Toxic Positivity," Human Resources, LUBBOCK, TX, United States. (July 20, 2021).
- Seminar, "Women Leading Change in Academia," Red Raider Talks, Lubbock, TX, United States. (April 9, 2021).
- Workshop, "STEP Program: Getting Started with Collaborative Two-Phase Exams," STEP at Texas Tech University, Lubbock, TX. (April 23, 2019).
- digital learning summit, "Digital Learning Summit," Pearson, Kissame, Florida, United States. (February 21, 2019 - February 23, 2019).
- Seminar, "Global Ethics Day: Ethics in Action," TTU Ethics Center, Lubbock, Texas. (October 17, 2018).
- Seminar, "chemical risk analysis," u.S. Chemical Safety and Hazard Investigation Board, Lubbock, Texas. (October 3, 2018).

Conference Attendance, "Advancing Teaching and Learning Conference," The Teaching, Learning, and Professional Development Center at Texas Tech University, Lubbock, TX, United States. (March 2, 2018).

Workshop, "STEP WORKSHOP: STUDENTS' HISTORIES SHAPE THEIR PERFORMANCE IN STEM," TLPDC, Lubbock, TX, United States. (September 27, 2017).

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).