TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Kimberly Grau Talley, Ph.D., P.E. Title: **Associate Professor**

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	2009	University of Texas at Austin	Structural Engineering (Civil)	Assessment and Repair of Concrete Bridge Columns Affected by Alkali Silica Reaction and Delayed Ettringite Formation
M.S.E.	2005	University of Texas at Austin	Structural Engineering (Civil)	Cost Benefit Analysis of Corrosion Protection Schemes for Post-Tensioned Concrete Bridge Elements
B.S.	2002	North Carolina State University	Construction Engineering and Management	
B.S.	2002	North Carolina State University	History	

C. University Experience

Position	*University*	*Dates*
Associate Professor	Texas State University	Sept. 2019 – Present
Assistant Professor	Texas State University	Jan. 2012 – Aug. 2019
Adjunct Associate Professor	Austin Community College	Aug. 2010 – Dec. 2011
Graduate Research Assistant	University of Texas at Austin	Sept. 2003 – Aug. 2008
Teaching Assistant	University of Texas At Austin	Aug. 2007 – May 2008

D. Relevant Professional Experience

Position	*Entity*	*Dates*
Graduate Engineer	Datum Engineers, Inc.	Sept. 2008 – Jun. 2010
Project Controls Intern	Black & Veatch	May – Aug. 2001

E. Other Professional Credentials (licensure, certification, etc.)

Credential	*Entity*	*Date Granted*
Professional Engineer (PE) (Structural) License #108911	Texas Board of Professional Engineers	2011
Engineering Intern (EI/EIT) Certificate	North Carolina Board of Examiners for Engineers and Surveyors	2002

II. TEACHING

A. Teaching Honors and Awards:

Fellowship/Award/Honor	Entity	Dates
College Achievement Award for Excellence in Teaching	College of Science and Engineering, Texas State University	2025
Outstanding Student Engagement	Pearson	2023
Outstanding Service to Youth	BSA Packs 163/363, Alamo Area Council	2022
Favorite Professor	The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society	2022
Award for Excellence in Online Teaching	Office of Distance and Extended Learning, Texas State University	2022
Presidential Distinction Award for Excellence in Teaching	Texas State University	2021
Panhellenic Council Professor Appreciation	Texas State Panhellenic Council & Delta Gamma Sorority	2021
College Achievement Award for Excellence in Teaching	College of Science and Engineering, Texas State University	2020
Teaching Award of Honor	Texas State Alumni Association	2020
2020 ASCE ExCEEd Fellow	American Society of Civil Engineers	2020
Favorite Professor	The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society	2019
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2016
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2015
Influential Faculty	Student Veteran Appreciation of Campus Support, Texas State University	2014
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2014
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2013

B. Courses Taught:

Texas State University: San Marcos, TX

TECH 2351 – Statics & Strength of Materials (Fall 2023, Fall 2024, & Fall 2025)

CSM 4361 – Construction Estimating (Spring 2012, Fall 2012, Spring 2013, Spring 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Spring 2019 & Spring 2020)

CSM 3360 – Structural Analysis (Spring 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018 [2 sections), Spring 2019, Fall 2019 [2 sections], Spring 2020, Fall 2020, Spring 2021 [2 sections], Fall 2021 [2 sections], Spring 2022 [2 sections], Fall 2022 [2 sections], Spring 2023 [2 sections], Fall 2023, Spring 2024 [2 sections], Fall 2024, Spring 2025 [2 sections], & Fall 2025 [2 sections])

TECH 5304 – Construction Estimating (Spring 2015, Fall 2015 & Spring 2016)

CSM 5362 – Construction Delivery (Fall 2012, Spring 2013, Spring 2014, Summer 2016, Summer 2018, & Summer 2019)

CSM 5362 – Pre-Construction Services (Fall 2020, Summer 2021, Summer 2022, Summer 2023, Summer 2024, & Spring 2025)

Course	**Semester**	**Students**	**Instructor Rating (5.0 Scale)**		
			Learning	Enthusiasm	Organization
TECH 2351	Fall 2025	39	4.10	4.57	4.47
	Fall 2024	36	4.47	4.76	4.73
	Fall 2023	26	4.33	4.61	4.64
CSM 3360	Fall 2025	13	4.66	4.88	4.85
	Fall 2025	31	4.29	4.67	4.67
	Spring 2025	28	4.21	4.61	4.49
	Spring 2025	32	4.72	4.92	4.91
	Fall 2024	35	4.59	4.84	4.82
	Spring 2024	40	4.43	4.84	4.78
	Spring 2024	17	4.46	4.77	4.77
	Fall 2023	38	4.69	4.89	4.85
	Spring 2023	40	4.76	4.89	4.86
	Spring 2023	28	4.54	4.79	4.73
	Fall 2022	24	4.54	4.79	4.83
	Fall 2022	28	4.53	4.68	4.65
	Spring 2022	34	4.54	4.76	4.71
	Spring 2022	25	4.68	4.78	4.80
	Fall 2021	13	4.44	4.61	4.72
	Fall 2021	40	4.54	4.81	4.84
	Spring 2021	41	4.44	4.75	4.62
	Spring 2021	42	4.09	4.50	4.48
	Fall 2020	39	4.35	4.67	4.67
	Fall 2019	41	4.53	4.69	4.63
	Fall 2019	40	4.55	4.74	4.78
	Fall 2018	49	4.27	4.54	4.48
	Fall 2018	47	4.40	4.56	4.52
	Spring 2018	49	4.18	4.51	4.39
	Fall 2017	51	4.55	4.64	4.61

	Spring 2017	44	4.33	4.42	4.44
	Fall 2016	48	4.25	4.44	4.32
	Spring 2016	42	4.22	4.41	4.41
	Fall 2015	28	4.16	4.59	4.33
	Spring 2015	26	4.32	4.29	4.32
	Fall 2014	26	4.09	4.35	4.15
	Spring 2014	26	4.38	4.55	4.51
	Spring 2013	23	3.88	3.93	4.03
CSM 4361	Spring 2018	38	4.44	4.52	4.46
	Fall 2017	35	4.76	4.77	4.68
	Spring 2017	45	4.29	4.41	4.36
	Fall 2016	37	4.16	4.40	4.46
	Spring 2016	32	4.51	4.56	4.57
	Fall 2015	33	4.11	4.37	4.34
	Spring 2015	33	4.23	4.39	4.41
	Spring 2014	31	4.46	4.39	4.49
	Spring 2013	23	4.11	4.08	4.06
	Fall 2012	19	4.32	4.44	4.56
	Spring 2012	14	4.06	4.17	4.31

Austin Community College: Austin, TX
ENGR 1201 – Introduction to Engineering (Fall 2010 & Spring 2011)

University of Texas at Austin: Austin, TX
CE 314K Lab – Properties and Behavior of Engineering Materials Lab (Fall 2007)

C. Graduate Theses/Dissertations or Exit Committees (* = supervisor):

*Christopher Sheehan, Master of Science in Construction Management (Thesis Topic: Best Practices for Job Order Contracting), Department of Engineering Technology, Texas State University, 8/2025 – current/

Sabrin Gautam, Master of Science in Construction Management (Thesis Topic: Analysis of Muscle Movements, Muscle Activation and Their Relation with Perceived Exertion During Construction Roofing Tasks), Department of Engineering Technology, Texas State University, 4/2024 – 8/2025.

Omar Snosi, Master of Science in Construction Management (Thesis Topic: Developing an Immersive Virtual Reality Training to Enhance Awareness of the Focus Four Construction Hazards), Department of Engineering Technology, Texas State University, 8/2023 – 5/2024.

Rujan Kayastha, Master of Science in Construction Management (Thesis Topic: Assessmemt of Factors Affecting Fall Accidents Among Construction Workers), Department of Engineering Technology, Texas State University, 8/2022 – 8/2023.

*John Ivey, Master of Science in Technology Management (Directed Project Topic: Novel Software Application for Management of Academic Makerspaces), Department of Engineering Technology, Texas State University, 6/2021 – 5/2022.

*Ashlyn Higginbotham, Bachelor of Science in Construction Science and Management with Honors (Honors Thesis: What Makes an Engineer?: Statistical Analysis of Factors Contributing to Engineering Disposition), Honors College, Texas State University, 1/2021 – 12/2021.

Vatsalya Sharma, Master of Science in Technology Management (Directed Project Topic: Understanding Interaction with Objects in Virtual Reality Environments), Department of Engineering Technology, Texas State University, 6/ 2019 - 8/2020

Brian T. Sullivan, Master of Science in Technology Management (Directed Project Topic: Evaluating User Experience and Benefits of Mixed Reality Aided Construction Visualization), Department of Engineering Technology, Texas State University, 1/2019 - 12/2019

*Krushi Rajendra Lokhande, Master of Science in Technology Management (Directed Project Topic: Impact of Makerspace-based Class Projects on Students' Engineering Design Self-Efficacy), Department of Engineering Technology, Texas State University, 8/2017-5/2019

Nicholas A. Tuttle, Master of Science in Technology Management (Directed Project Topic: Comparative Analysis Design-Bid-Build and Construction Manager At-Risk in Texas Public Schools), Department of Engineering Technology, Texas State University, 1/2014-12/2016

*Ana Daniela Ugatechea Garcia, Master of Science in Technology (Thesis Topic: Assessment of Current ACI 440.2R-08 Design Guidelines and Evaluation of Hoop Strain in FRP Confined Concrete), Department of Engineering Technology, Texas State University, 09/2012-08/2014

*Benjamin J. Orsak, Master of Science in Technology (Thesis Topic: Impacts of Bridge Design and Land Cover Characteristics on Cliff Swallow Nesting), Department of Engineering Technology, Texas State University, 09/2012-08/2014

D. Courses Prepared and Curriculum Development:

Texas State University: San Marcos, TX

TECH 2351 – Statics & Strength of Materials

- Created new tests.
- Re-arrange lecture content to accommodate change from teaching two days per week to three days per week.
- Hosted class GroupMe to provide office hour support remotely and at nearly all hours of the day.
- Added new physical models to illustrate properties we were calculating.
- Created new handouts of problems sets to practice concepts in no stakes setting.

- Created two new labs so student could calculate moment of inertia, stress, strain, and modulus of elasticity from physical objects.
- Created cardstock models of moment, force, and uniform distributed load to facilitate class discussion.
- Made a foam beam to facilitate class discussion.
- Created new test reviews.
- Created new test grading rubrics.
- Reordered class topics to improve growth of knowledge throughout course.
- Created Canvas modules for every topic in the course, which included recording videos that explain the topics theoretically and videos working example problems.
- Created new homework assignments on Canvas.
- Created new quizzes in Top Hat.
- Created new lecture level learning objectives.
- Created student learning outcome polls in Top Hat for lecture level learning objectives.
- Implemented popsicle stick randomizer for selecting student names for implementation of active learning techniques.

CSM 5362 – Pre-Construction Services

- Converted online course to Accelerated Online Program format & taught in new format Spring II 2025.
- Created new interactive elements to course.
- Revised assignments.
- Recorded new videos.
- Conversion to asynchronous online instruction.
- New course development to orient the course around the pre-construction process (as this course is included in the new online master's degree in Construction Management, it needed to be revised from a course of greater breadth to one of greater depth in the course areas listed in its catalog description).
- Consulting with Turner Construction to assure course content aligns with industry needs for students' marketable skills.
- Develop new lectures, including new content, video presentations, and additional online resources.
- Developed new homework assignments that mimic real-word construction management practices.
- Developed new projects, including group projects to completed remotely.

CSM 5362 – Construction Delivery

- Developed new lectures for when the course was "unstacked" from being taught with Construction Estimating.
- Developed new homework based upon Professional Engineer Exam questions for the Civil-Construction certification.
- Developed new projects focused on Construction Management principles.
- Developed new exams that correlate to the new lectures, homework, and projects.

CSM 4361/5304 – Construction Estimating

- Developed new lectures that introduce overview estimating topics and then guides the students through the estimating of a small commercial building.
- Developed new and revised some existing laboratory assignments so that a series of them guide the students through the quantity take off and cost estimate of a small commercial building.
- Created new homework assignments.
- Implemented student video projects on construction topics in order to partially flip the course and reduce in class lecture time whilst increasing hands on time with quantity take-off and spreadsheet software.
- Developed new tests to correlate to the new laboratory exercises.
- Created asynchronous online modules for each lecture of the second half of the course to accommodate the stay-at-home orders issued during the pandemic Spring 2020.
- Started hosting class GroupMe message boards to answer student questions remotely.

CSM 3360 – Structural Analysis

- Created new tests each semester so that students can keep their two midterm tests for studying.
- Host class GroupMe message boards to answer office hours student questions remotely and at nearly all hours.
- Recorded new videos for final exam review material.
- Created new handouts for three lectures.
- Added daily quizzes with the chance of them being for extra credit instead of a grade (Monte Carlo quizzes) to boost on time arrivals and knowledge of units.
- Added additional final exam review material (old exams) to Canvas site.
- Updated two homework assignments on Canvas to better align with examinations.
- Created cardstock models of distributed load to demonstrate how the shape of tributary loads relates to the shape of the distributed load. Model also illustrates how tributary width and factored surface load relate the magnitude of distributed load.
- Created cardstock models of moment and force to facilitate class discussion.
- Created new Top Hat polls for assess lecture level student learning objectives.
- Created new Top Hat pop quizzes.
- Implemented popsicle stick randomizer for selecting student names for implementation of active learning techniques.
- Developed new lectures to introduce students to the analysis and design of trusses, beams, and cables.
- Developed hands on activities to experience material behavior
- Created cable models to demonstrate concentrated loads and distributed loads.
- Developed short (within RFM) field trips to observe structural elements.
- Created new homework assignments (so no answers are on Chegg).
- Implemented an online sketch interface software that is currently in development so that students can receive instant feedback on their free body diagram sketches while completing online homework.
- Created asynchronous online modules for each lecture of the second half of the course to accommodate the stay-at-home orders issued during the pandemic Spring 2020.

- Created asynchronous online modules for each week to accommodate the hybrid teaching model needed during the pandemic Fall 2020 & Spring 2021.
- Added an online creative design model for designing trusses.
- Created new online Canvas modules to coordinate with in person lectures that utilized extensive video resources generated as part of the COVID pandemic. Each module was arranged under three headings "Reference Material" that introduces concepts with videos and relevant documents, "You don't have to take my word on it" peer made videos, and "Example Problems" that includes solutions to in class examples and often videos of the problem being worked.

Austin Community College: Austin, TX
ENGR 1201 – Introduction to Engineering

- Developed new lectures,
- Created new homework assignments,
- Developed new group projects to practice technical writing (directions) and to practice the engineering design method to create an assistive device, and
- Created new tests.

E. Funded External Teaching Grants and Contracts:
None

F. Submitted, but not Funded, External Teaching Grants and Contracts:
None

G. Funded Internal Teaching Grants and Contracts:
None

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:
None

I. Other:

COSE Symposium on Student Success (San Marcos, TX) December 3, 2025.

Click Here for Success: Strategies for Asynchronous Teaching (San Marcos, TX) April 29, 2025.

AI in Teaching & Learning Symposium, Texas State University (San Marcos, TX) March 27, 2025.

The Power of Play: Using Student-Centered Pedagogy & Play to Enhance Student Engagement, Connection, and Learning, Texas State University (San Marcos, TX) November 7, 2024.

Elevate Student Success – Creating a Culture of Success, Division of Student Success Texas State University (San Marcos, TX) September 10, 2024.

Faculty Mentoring Workshop, NSF S-STEM Grant "Scholars of Excellence in Engineering Design" (San Marcos, TX) May 3 & 17, 2024.

Mentoring and Advising Summit, University of Pittsburgh (Online Conference) March 8, 2024.

Adapting Demos to an Online Environment, American Society of Civil Engineers (Online Workshop) October 1, 2020

Reimagining Exams and Assessments, American Society of Civil Engineers (Online Workshop) September 1, 2020

Projects, Labs, and Experiential Learning in an Online Environment, American Society of Civil Engineers (Online Workshop) August 6, 2020

Strategies for Building Interpersonal Rapport with Students in Different Learning Environments, American Society of Civil Engineers (Online Workshop) August 5, 2020

Maintaining High Student Engagement in an Online Environment, American Society of Civil Engineers (Online Workshop) August 3, 2020

National Effective Teaching Institute, American Society for Engineering Education (Atlanta, GA) June 20-22, 2013

Program for Excellence in Teaching and Learning, Texas State University (San Marcos, TX) 2012-2013

Teaching Institute, Pacific Crest, (San Marcos, TX) July 11-13, 2012

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:
None

b. Textbooks:
None

c. Edited Books:
None

d. Chapters in Books:
None

e. Creative Books:
None

2. Articles

a. Refereed Journal Articles:
(* denotes corresponding author, ^ denotes graduate student, # denotes undergraduate research assistant)

Kimberly Grau Talley*, Ivey, John^, Austin Talley, Shaunna Smith, and Anthony Torres, "Managing the Making: Developing Makerspace Management Software to Efficiently Improve Access and Safety" International Journal of Academic Makerspaces and Making, 2025 (https://doi.org/10.21428/70cb44c5.d9a87217).

Debs, Luciana, Deniz Besiktepe*, **Kimberly Grau Talley**, and Rachel Mosier, "Sense of Belonging of US Construction Students" International Journal of Construction Education and Research, Vol 21, No. 3, 2025. (https://doi.org/10.1080/15578771.2024.2384378)

Tomko, Megan E.^**,** Robert L. Nagel*, Wendy Newstetter, Shaunna F. Smith, **Kimberly G. Talley,** and Julie Linsey, "Making a Makerspace: Identified Practices in the Formation of a University Makerspace," Engineering Studies Vol. 13, No. 1, 2021.

Smith, Shaunna*, **Kimberly Grau Talley**, Araceli Ortiz, and Vedaraman Sriraman, "You Want *Me* to Teach Engineering?: Impacts of Recurring Experiences on K-12 Teachers' Engineering Design Self-Efficacy, Familiarity with Engineering, and Confidence to Teach with Design-Based Learning Pedagogy,**"** Journal of Pre-College Engineering Education Research, Vol 11, Issue 1, 2021.

Hilton, Ethan C.^***, Kimberly G. Talley,** Shaunna F. Smith, Robert L. Nagel, and Julie S. Linsey, "Report on Engineering Design Self-Efficacy and Demographics of Makerspace Participants Across Three Universities," Journal of Mechanical Design, Vol. 142, Issue 10, 2020.

Smith, Shaunna*, and **Kimberly Grau Talley**, "Lend a Hand" Project Helps Students: Improved Spatial Visualization Skills Through Engaging in Hands-on 3D-Printed Prosthetics Project During a 9th Grade Engineering Course," Journal of Pre-College Engineering Education Research, Vol 8, Issue 1, 2018.

Talley, Kimberly Grau*, and Shaunna Smith, "Asynchronous Peer-to-Peer Learning: Putting Student Projects to Work in Future Classes," Advances in Engineering Education, Spring 2018.

Talley, Kimberly Grau* and Anthony S. Torres, "Measuring the Impact of Using Daily Objectives to Provide Rapid Feedback in Construction Courses," International Journal for Construction Education and Research, Vol 14, Issue 2, 2018. (https://doi.org/10.1080/15578771.2016.1200697)

Talley, Kimberly Grau and Araceli Martinez Ortiz*, "Women's Interest Development and Motivations to Persist as College Students in STEM: A Mixed Methods Analysis of Views and Voices from a Hispanic Serving Institution" International Journal of STEM Education, Vol. 4, Issue 5, 2017.

Broughton, Benjamin^, Soon–Jae Lee*, Jay Sang Ryu, and **Kimberly Talley**, "Authentic Leadership and Construction Superintendent Effectiveness" Journal of Construction Engineering and Project Management, Vol. 6, Issue 4, 2016.

Talley, Kimberly Grau* and Mallory Frazier#, "Objectives Hard at Work: Bloom's-based Learning Objectives as a Feedback System," Journal of Engineering Technology, Vol.33, Issue 1, 2016.

Talley, Kimberly Grau*, Jacob Kapitan, and John E. Breen, "Method for Approximation of ASR/DEF Damage in Concrete Columns," ACI Structural Journal, American Concrete Institute, Vol 113, Issue 1, 2016.

Talley, Kimberly Grau*, José Arrellaga, and John Breen, "Computational Modeling of Existing Damage in Concrete Bridge Columns," Journal of Structural Engineering, Vol. 140, Issue 12, 2014.

b. Non-refereed Articles:

Talley, Kimberly Grau*, and Shaunna Smith, "Lights, Camera, Learning!" *Prism*, (February 2018), p 39.

3. Conference Proceedings

a. Refereed Conference Proceedings:

(* denotes corresponding author, ^ denotes graduate student, # denotes undergraduate research assistant)

Mishra, Manjesh^, Luciana Debs*, and **Kimberly Grau Talley**, "An Updated View of Conversational Agents in Engineering Education: A Scoping Review" IEEE Frontiers in Education, 2025.

Talley, Kimberly Grau*, Karim Muci-Kuchler, Damian Valles, Felipe Gutierrez, and Michelle Londa, "Sowing the SEEDs (Scholars of Excellence in Engineering Design): Starting the SEED NSF S-STEM Program at Texas State University" 2025 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2025.

Compeau, Rich, **Kimberly Grau Talley**, and Austin Talley*, "Speak Loudly and Carry a Small Stick: Applying Classicle Sticks Across the Engineering Curriculum" 2025 ASEE

Annual Conference (American Society for Engineering Education: Washington, DC), 2025.

Kimberly Grau Talley* and BJ Spencer, "Impact of an Industrial Internship on Construction Students' Sense of Belonging" 2024 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2024.

Compeau, C. Richard, **Kimberly Grau Talley**, and Austin Talley*, "Classicle Sticks: An Activity to Improve Student Engagement" 2024 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2024.

Talley, Kimberly Grau *, Jeron R. Rogers#, Justin Keeper#, and Kristi J. Shryock, "A Move to Sustainability: Launching an Instructor Interface" 2023 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2023.

Snosi, Omar^, **Kimberly Grau Talley***, and Krishna Kisi, "Work in Progress: Development of an AutoCAD Plugin to Increase Student's Spatial Visualization Skills" 2023 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2023.

Austin Talley and **Kimberly Talley**, "MAKER: Recycling HDPE in an Academic Makerspace" 2023 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2023.

Talley, Kimberly Grau*, Josh Hurt^, and Julie Linsey, "Changing Homework Achievement with Mechanix Pedagogy: Increasing the Efficacy of a Measurement Tools for Construction Majors" 2022 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2022.

Tracy Hammond, Matt Runyon^*, Julie Linsey, **Kimberly Talley**, Kristi Shryock, Vimal Viswanathan, and Benjamin Caldwell, "Changing Homework Achievement with Mechanix Pedagogy: A Recap" 2022 ASEE Annual Conference (American Society for Engineering Education: Washington, DC), 2022.

Tingerthal, John*, **Kimberly Grau Talley**, Rachel Mosier, Nicholas Tymvios, Luciana de Cresce El Debs, and Norman Philipp, "Responding to the COVID Pandemic: Results and Reflections on Round-Table Discussions at ASEE 2020", 2021 ASEE Annual Conference, (American Society for Engineering Education: Washington, DC) 2021.

Talley, Kimberly Grau*, BJ Spencer, Selen Karasulu, and Krishna Kisi, "Work in Progress: Finding the Holes in Safety Education", 2021 ASEE Annual Conference, (American Society for Engineering Education: Washington, DC) 2021.

Runyon, Matthew^*, Vimal Viswanathan, **Kimberly Talley**, Tracy Hammond, and Julie Linsey, "Mechanix: An Intelligent Web Interface for Automatic Grading of Sketched Free Body Diagrams" 2021 ASEE Annual Conference, (American Society for Engineering Education: Washington, DC) 2021.

Kisi, Krishna, **Kimberly Grau Talley***, BJ Spencer, and Selen Karasulu, "Work in Progress: Gaming our Way to Increased Math Self-efficacy and Opening the Gate to STEM Majors", 2021 ASEE Annual Conference, (American Society for Engineering Education: Washington, DC) 2021.

Vimal Viswanathan, Josh Hurt^, Tracy Hammond, Benjamin Caldwell, **Kimberly Grau Talley,** and Julie Linsey*, "Impact of a sketch-based tutoring system at five universities" 2020 ASEE Annual Conference, (American Society for Engineering Education: Washington, DC) 2020.

Kimberly Grau Talley* and BJ Spencer, "Where Do All the Pre-Majors go? A Self-Study of Student Stumbling Points in the Pre-Construction Curriculum." *Proceedings of the 2020 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2020.

Hotchkiss, Stefanie#, **Kimberly Grau Talley***, Michelle Londa, and Austin Talley, "Do I Belong in a Makerspace?: Investigating Student Belonging and Non-verbal Cues in a University Makerspace," *Proceedings of the 2019 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2019.

Jennings, Madeleine# and **Kimberly Grau Talley***, "Impact on Retention: Integrating Introduction to Engineering Concepts into a Freshman University Seminar Experience," *Proceedings of the 2019 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2019.

Smith, Shaunna Fultz, Anna Wakefield#, and **Kimberly Grau Talley***, "Facilitating Makerspace Adoption: Professional Development for University Faculty in Making Techniques and Pedagogy," *Proceedings of the 2019 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2019.

Bante, Sonali J.^, Ethan Hilton^, **Kimberly Grau Talley***, Kristi J. Shryock, Julie S. Linsey, and Tracy Anne Hammond, "Changing Homework Achievement with Mechanix Pedagogy," *Proceedings of the 2019 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2019.

Jennings, Madeleine#, **Kimberly Grau Talley***, Shaunna Smith, and Araceli Ortiz, "Implementing Best Practices and Facing Facilities Realities: Creation of a New University Makerspace," *Proceedings of the 2018 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2018.

Smith, Shaunna*, **Kimberly Grau Talley**, Vedaraman Sriraman, and Araceli Ortiz, "Teachers' Engineering Design Self-Efficacy Changes Influenced by Boundary Objects and Cross-Disciplinary Interactions," *Proceedings of the 2018 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2018.

Spencer, B.J.*, Vedaraman Sriraman, **Kimberly Grau Talley**, and Araceli Ortiz, "Social Cognitive Impact of Industry Internships Upon Engineering Technology Students Developing Professional Identity: A Case Study," *Proceedings of the 2018 ASEE Annual Conference*, (American Society for Engineering Education: Washington, DC) 2018.

Hilton, Ethan^*, Shaunna F. Smith, Robert L. Nagel, Julie S. Linsey, and **Kimberly G. Talley**, "University Makerspaces: More than Just Toys," *Proceedings of the ASME 2018 International Design Engineering Technical Conferences and Computer and Information in Engineering Conferences* (American Society of Mechanical Engineers: New York, NY) 2018.

Tomko, Megan E^*, Ethan Hilton^, Craig R. Forest, **Kimberly G. Talley,** Shaunna Smith Robert Nagel, and Julie Linsey, "Observations on Guiding Principles, or Best Practices, in University Makerspaces," *Proceedings of the 2017 International Symposium on Academic Makerspaces* (Case Western Reserve: Cleveland, OH) 2017.

Talley, Austin B* and **Kimberly Grau Talley**, "Work in Progress: Teaching Design Theory and Mastercam in a Hybrid Flipped Classroom Environment,**"** *Proceedings of the 2017 ASEE Annual Conference*, (American Society of Engineering Education: Washington, DC) 2017.

Talley, Kimberly Grau* and Farhad Ameri, "Work-In-Progress: Measuring the Effects of a Making-Based Senior Design Project in Engineering Technology,**"** *Proceedings of the 2017 ASEE Annual Conference*, (American Society of Engineering Education: Washington, DC) 2017.

Talley, Kimberly Grau*, Araceli Ortiz, Vedaraman Sriraman, and Shaunna Smith, "The Engineering Education Maker Identity Project: A Look at the First Year,**"** *Proceedings of the 2017 ASEE Annual Conference*, (American Society of Engineering Education: Washington, DC) 2017.

Shaunna Smith*, **Kimberly Talley**, Araceli Ortiz, and Vedaraman Sriraman, "The Engineering Education Maker Identity Project: Process and Tools as Boundary Objects within Cross-Disciplinary Collaboration,**"** *Proceedings of SITE Annual Conference*, March 2017.

Linsey, J.*, C. Forest, R. Nagel, W. Newstetter, **K.G. Talley,** and S. Smith, "Understanding the Impact in University Makerspaces," *Proceedings of the 1st International Symposium on Academic Makerspaces* (MIT: Cambridge, MA) 2016.

Talley, Kimberly Grau*, Araceli Ortiz, Clara Novoa, and Vedaraman Sriraman, "Integrating an Introduction to Engineering Experience into an University Seminar Course," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Sriraman, Vedaraman*, BJ Spencer, **Kimberly Grau Talley**, and Araceli Ortiz, "Early Internships for Engineering Technology Student Retention: A Pilot Study," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016. [ASEE PIC V Best Paper Winner]

Novoa, Clara*, Araceli Ortiz, and **Kimberly Grau Talley**, "Multi-Disciplinary Summer Orientation Sessions for First-Year Students in Engineering, Engineering

Technology, Physics, and Computer Science," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Talley, Austin Bates* and **Kimberly Grau Talley**, "MAKER: Public Engineering: Informal Interactive Video and Electronic Poster Hallway Learning Experience," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Levy, Bryan^*, Ricardo Morocz^, Craig Forest, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley**, Shaunna Smith, and Julie Linsey, "MAKER: How to Make a University Maker Space," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Penney, Meredith#, James Watkins#, Bryan Levy^, Julie Linsey*, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley**, and Shaunna Smith, "'Making' an Impact: An Ethnographic Approach to University Maker Spaces," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Morocz, Ricardo^*, Bryan Levy^, Craig Forest, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley,** Shaunna Smith, and Julie Linsey, "Relating Student Participation in University Maker Spaces to their Engineering Design Self-Efficacy," *Proceedings of the 2016 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2016.

Talley, Austin Bates* and **Kimberly Grau Talley,** "Keeping Current: Teaching Mastercam and Design Theory in Hybrid Flipped Classroom," *Proceedings of the MYEE (Mid Years Engineering Experience) Conference*, March 2016.

Talley, Kimberly Grau* and Araceli M. Ortiz, "The Roots of Science, Mathematics and Engineering Self-Confidence in College Students: Voices of Successful Undergraduate Women," *Proceedings of the 2015 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2015.

Levy, Bryan^*, Ricardo Morocz^, Julie Linsey, Robert Nagel, **Kimberly Talley**, Wendy Newstetter, and Craig Forest, "University Maker Spaces: Discovery, Optimization and Measurement of Impacts" *Proceedings of the 2015 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2015.

Barrett, Thomas#, Matt Pizzico#, Bryan Levy^, Robert Nagel*, **Kimberly Grau Talley**, Julie Linsey, Wendy Newstetter, and Craig Forest, "A Review of University Maker Spaces" *Proceedings of the 2015 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2015.

Talley, Kimberly Grau*, "Lights, Camera, Action!: Peer-to-Peer Learning through Graduate Student Videos," *Proceedings of the 2013 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2013.

Talley, Kimberly Grau*, "Unrealized Potential: Course Outcomes and Student Learning," *Proceedings of the 2013 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2013.

Talley, Kimberly*, "Hands-on Project Based Learning on a Shoestring Budget: You Don't Have to Buy a Robotics Kit," *Proceedings of the 2012 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2012.

Talley, Austin*, Richard Crawford, and **Kimberly Talley**, "Engineering Applicability of a Universal Design Performance Measure," *Proceedings of the ASME IDETC/CIE Design Theory and Methodology Conference* (ASME: New York, NY), 2011.

Talley, Kimberly*, Catherine Hovell^, and Jason Stith^, "Study Abroad to See the World and Become a Better Engineer," *Proceedings of the 2010 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2010.

Hovell, Catherine^, **Kimberly Talley^***, and Kathy Schmidt, "Grad Students Just Wanna Have Fun: Great Sociability Makes a Great Graduate Program," *Proceedings of the 2009 ASEE Annual Conference* (American Society of Engineering Education: Washington DC) 2009.

Talley, Kimberly*^ and José Arrellaga "Computational Modeling of ASR/DEF Affected Concrete Bridge Columns," *17th Congress of IABSE Report,* (International Association of Bridge and Structural Engineers: Zürich, Switzerland) 2008.

b. Non-refereed:
None

4. Abstracts:
None

5. Reports:

Castro-Arellano, Ivan, Dittmar Hahn, Michael Forstner, Clay Green, **Kimberly Talley**, and Cristian Gaedicke, *Contribution of Bridge Dwelling Birds to Bacterial Water Quality Impairments*, Final Report TXDOT 0-6764 (Texas State University: San Marcos, TX) November 2014.

Castro-Arellano, Ivan, Dittmar Hahn, Michael Forstner, Clay Green, **Kimberly Talley**, and Cristian Gaedicke, *Contribution of Bridge Dwelling Birds to Bacterial Water Quality Impairments*, Interim Tech Memo TXDOT 0-6764 (Texas State University: San Marcos, TX) August 2014.

Castro-Arellano, Ivan, Dittmar Hahn, Michael Forstner, Clay Green, **Kimberly Talley**, and Cristian Gaedicke, *Contribution of Bridge Dwelling Birds to Bacterial Water Quality Impairments*, Interim Report TXDOT 0-6764 (Texas State University: San Marcos, TX) 2013.

Kapitan, Jacob G., **Kimberly A. Grau**, and John E. Breen, *Methodology for Structural Assessment of the ASR/DEF Damaged Substructure Elements of the San Antonio Y,* Report FHWA/TX 0-5218-1 (Center for Transportation Research, University of Texas: Austin, TX) 2006.

6. Book Reviews:
None

7. Other Works in Print:
None

B. Works not in Print

1. Papers Presented at Professional Meetings:
(^ denotes graduate student, # denotes undergraduate research assistant)

Talley, Kimberly Grau*, Karim Muci-Kuchler, Damian Valles, Felipe Gutierrez, and Michelle Londa, "Sowing the SEEDs (Scholars of Excellence in Engineering Design): Starting the SEED NSF S-STEM Program at Texas State University" 2025 ASEE Annual Conference (Montreal, Quebec), 2025.

Compeau, Rich, **Kimberly Grau Talley**, and Austin Talley*, "Speak Loudly and Carry a Small Stick: Applying Classicle Sticks Across the Engineering Curriculum" 2025 ASEE Annual Conference (Montreal, Quebec), 2025.

Kimberly Grau Talley* and BJ Spencer, "Impact of an Industrial Internship on Construction Students' Sense of Belonging" 2024 ASEE Annual Conference (Portland, OR), 2024.

Compeau, C. Richard, **Kimberly Grau Talley**, and Austin Talley*, "Classicle Sticks: An Activity to Improve Student Engagement" 2024 ASEE Annual Conference (Portland, OR), 2024.

Talley, Kimberly Grau *, Kristi J. Shryock, and Julie S. Linsey, "A Move to Sustainability: Launching an Instructor Interface" 2023 ASEE Annual Conference (Baltimore, MD), 2023.

Snosi, Omar^, **Kimberly Grau Talley***, and Krishna Kisi, "Work in Progress: Development of an AutoCAD Plugin to Increase Student's Spatial Visualization Skills" 2023 ASEE Annual Conference (Baltimore, MD), 2023.

Austin Talley and **Kimberly Talley**, "MAKER: Recycling HDPE in an Academic Makerspace" 2023 ASEE Annual Conference (Baltimore, MD), 2023.

Talley, Kimberly Grau*, Josh Hurt^, and Julie Linsey, "Changing Homework Achievement with Mechanix Pedagogy: Increasing the Efficacy of a Measurement Tools for Construction Majors" 2022 ASEE Annual Conference, (Minneapolis, MN) June 2022.

Tracy Hammond, Matt Runyon^*, Julie Linsey, **Kimberly Talley**, Kristi Shryock, Vimal Viswanathan, and Benjamin Caldwell, "Changing Homework Achievement with Mechanix Pedagogy: A Recap" 2022 ASEE Annual Conference, (Minneapolis, MN) June 2022.

Tingerthal, John, Nicholas Tymvios, Rachel Mosier, and **Kimberly Grau Talley**, "Responding to the COVID Pandemic: Results and Reflections on Round-Table Discussions at ASEE 2020", 2021 ASEE Annual Conference, (Virtual Conference) July 2021.

Talley, Kimberly Grau, BJ Spencer, Selen Karasulu, and Krishna Kisi, "Work in Progress: Finding the Holes in Safety Education", 2021 ASEE Annual Conference, (Virtual Conference) July 2021.

Runyon, Matthew^, Vimal Viswanathan, **Kimberly Talley**, Tracy Hammond, and Julie Linsey, "Mechanix: An Intelligent Web Interface for Automatic Grading of Sketched Free Body Diagrams" 2021 ASEE Annual Conference, (Virtual Conference) July 2021.

Kisi, Krishna, **Kimberly Grau Talley**, BJ Spencer, and Selen Karasulu, "Work in Progress: Gaming our Way to Increased Math Self-efficacy and Opening the Gate to STEM Majors", 2021 ASEE Annual Conference, (Virtual Conference) July 2021.

Josh Hurt^, Julie Linsey, **Kimberly Grau Talley,** Tracy Hammond, Kristi Shryock, Vimal Viswanathan, and Benjamin Caldwell, "Impact of a sketch-based tutoring system at five universities" 2020 ASEE Annual Conference, (Virtual Conference), June 2020.

Kimberly Grau Talley and BJ Spencer, "Where Do All the Pre-Majors go? A Self-Study of Student Stumbling Points in the Pre-Construction Curriculum." 2020 ASEE Annual Conference, (Virtual Conference), June 2020.

Hotchkiss, Stefanie#, **Kimberly Grau Talley**, Michelle Londa, and Austin Talley, "Do I Belong in a Makerspace?: Investigating Student Belonging and Non-verbal Cues in a University Makerspace," 2019 ASEE Annual Conference, (Tampa, FL), June 2019.

Jennings, Madeleine# and **Kimberly Grau Talley**, "Impact on Retention: Integrating Introduction to Engineering Concepts into a Freshman University Seminar Experience," 2019 ASEE Annual Conference, (Tampa, FL), June 2019.

Smith, Shaunna Fultz, Anna Wakefield#, and **Kimberly Grau Talley**, "Facilitating Makerspace Adoption: Professional Development for University Faculty in Making Techniques and Pedagogy," 2019 ASEE Annual Conference, (Tampa, FL), June 2019.

Bante, Sonali J.^, Ethan Hilton^, **Kimberly Grau Talley**, Kristi J. Shryock, Julie S. Linsey, and Tracy Anne Hammond, "Changing Homework Achievement with Mechanix Pedagogy," 2019 ASEE Annual Conference, (Tampa, FL), June 2019.

Hotchkiss, Stefanie# and **Kimberly Grau Talley**, "Do I Belong in a Makerspace?: Investigating Student Belonging and Non-verbal Cues in a University Makerspace," 2019 WiSE Conference, (San Marcos, TX), March 2019.

Bante, Sonali J.^ and **Kimberly Grau Talley**, "Changing Homework Achievement with Mechanix Pedagogy," 2019 WiSE Conference, (San Marcos, TX), March 2019.

Hilton, Ethan^, Shaunna F. Smith, Robert L. Nagel, Julie S. Linsey, and **Kimberly G. Talley**, "University Makerspaces: More than Just Toys," ASME 2018 International Design Engineering Technical Conferences and Computer and Information in Engineering Conferences (Quebec City, Canada), August 2018.

Jennings, Madeleine#, **Kimberly Grau Talley**, Shaunna Smith, and Araceli Ortiz, "Implementing Best Practices and Facing Facilities Realities: Creation of a New University Makerspace," 2018 ASEE Annual Conference, (Salt Lake City, UT), June 2018.

Smith, Shaunna, **Kimberly Grau Talley**, Vedaraman Sriraman, and Araceli Ortiz, "Teachers' Engineering Design Self-Efficacy Changes Influenced by Boundary Objects and Cross-Disciplinary Interactions," 2018 ASEE Annual Conference, (Salt Lake City, UT), June 2018.

Spencer, B.J., Vedaraman Sriraman, **Kimberly Grau Talley**, and Araceli Ortiz, "Social Cognitive Impact of Industry Internships Upon Engineering Technology Students Developing Professional Identity: A Case Study," 2018 ASEE Annual Conference, (Salt Lake City, UT), June 2018.

Jennings, Madeleine# and **Kimberly Grau Talley**, "Implementing Best Practices and Facing Facilities Realities: Creation of a New University Makerspace," 2018 WiSE Conference, (San Marcos, TX), March 2018.

Tomko, Megan E^, Ethan Hilton^, Craig R. Forest, **Kimberly G. Talley,** Shaunna Smith Robert Nagel, and Julie Linsey, "Observations on Guiding Principles, or Best Practices, in University Makerspaces," 2017 International Symposium on Academic Makerspaces (Cleveland, OH), September 2017.

Talley, Austin B and **Kimberly Grau Talley**, "Work in Progress: Teaching Design Theory and Mastercam in a Hybrid Flipped Classroom Environment**,"** 2017 ASEE Annual Conference, (Columbus, OH), June 2017.

Talley, Kimberly Grau and Farhad Ameri, "Work-In-Progress: Measuring the Effects of a Making-Based Senior Design Project in Engineering Technology**,"** 2017 ASEE Annual Conference, (Columbus, OH), June 2017.

Talley, Kimberly Grau, Araceli Ortiz, Vedaraman Sriraman, and Shaunna Smith, "The Engineering Education Maker Identity Project: A Look at the First Year**,"** 2017 ASEE Annual Conference, (Columbus, OH), June 2017.

Smith, Shaunna, **Kimberly Talley**, Araceli Ortiz, and Vedaraman Sriraman, "The Engineering Education Maker Identity Project: Process and Tools as Boundary Objects within Cross-Disciplinary Collaboration**,"** 2017 SITE Annual Conference, (Austin, TX), March 2017.

Talley, Kimberly Grau, Araceli Ortiz, Clara Novoa, and Vedaraman Sriraman, "Integrating an Introduction to Engineering Experience into an University Seminar Course," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Sriraman, Vedaraman, BJ Spencer, **Kimberly Grau Talley**, and Araceli Ortiz, "Early Internships for Engineering Technology Student Retention: A Pilot Study," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Novoa, Clara, Araceli Ortiz, and **Kimberly Grau Talley**, "Multi-Disciplinary Summer Orientation Sessions for First-Year Students in Engineering, Engineering Technology, Physics, and Computer Science," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Newstetter, Wendy, Craig Forest, Robert Nagel, **Kimberly Grau Talley**, Shaunna Smith, Julie Linsey, and Araceli Ortiz, "Maker spaces: The who, when, how and what of membership and use," Panel Session, 2016 ASEE Annual Conference, (New Orleans, LA), June 2016..

Talley, Austin Bates and **Kimberly Grau Talley**, "MAKER: Public Engineering: Informal Interactive Video and Electronic Poster Hallway Learning Experience," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Levy, Bryan^, Ricardo Morocz^, Craig Forest, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley**, Shaunna Smith, and Julie Linsey, "MAKER: How to Make a University Maker Space," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Penney, Meredith#, James Watkins#, Bryan Levy^, Julie Linsey, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley**, and Shaunna Smith, "'Making' an Impact: An Ethnographic Approach to University Maker Spaces," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Morocz, Ricardo^, Bryan Levy^, Craig Forest, Robert Nagel, Wendy Newstetter, **Kimberly Grau Talley,** Shaunna Smith, and Julie Linsey, "Relating Student Participation in University Maker Spaces to their Engineering Design Self-Efficacy," 2016 ASEE Annual Conference, (New Orleans, LA), June 2016.

Talley, Austin Bates and **Kimberly Grau Talley,** "Keeping Current: Teaching Mastercam and Design Theory in Hybrid Flipped Classroom," 2016 MYEE (Mid Years Engineering Experience) Conference (College Station, TX), March 2016.

Talley, Kimberly Grau and Araceli M. Ortiz, "The Roots of Science, Mathematics and Engineering Self-Confidence in College Students: Voices of Successful Undergraduate Women," 2015 ASEE Annual Conference, (Seattle, WA), June 2015.

Levy, Bryan^, Ricardo Morocz^, Julie Linsey, Robert Nagel, **Kimberly Talley**, Wendy Newstetter, and Craig Forest, "University Maker Spaces: Discovery, Optimization and Measurement of Impacts" 2015 ASEE Annual Conference, (Seattle, WA), June 2015.

Barrett, Thomas#, Matt Pizzico#, Bryan Levy^, Robert Nagel, **Kimberly Grau Talley**, Julie Linsey, Wendy Newstetter, and Craig Forest, "A Review of University Maker Spaces" 2015 ASEE Annual Conference, (Seattle, WA), June 2015.

Talley, Kimberly Grau, "Lights, Camera, Action!: Peer-to-Peer Learning through Graduate Student Videos," 2013 ASEE Annual Conference (Atlanta, GA), June 2013.

Talley, Kimberly Grau, "Unrealized Potential: Course Outcomes and Student Learning," 2013 ASEE Annual Conference (Atlanta, GA), June 2013.

Talley, Kimberly, "Hands-on Project Based Learning on a Shoestring Budget: You Don't Have to Buy a Robotics Kit," 2012 ASEE Annual Conference (San Antonio, TX), June 2012.

Talley, Austin, Richard Crawford, and **Kimberly Talley**, "Engineering Applicability of a Universal Design Performance Measure," ASME IDETC/CIE Design Theory and Methodology Conference (Washington, D.C.), August 2011.

Talley, Kimberly, Catherine Hovell^, and Jason Stith^, "Study Abroad to See the World and Become a Better Engineer," 2010 ASEE Annual Conference (Louisville, KY), June 2010.

Hovell, Catherine^, **Kimberly Talley^**, and Kathy Schmidt, "Grad Students Just Wanna Have Fun: Great Sociability Makes a Great Graduate Program," 2009 ASEE Annual Conference (Austin, TX), June 2009.

Talley, Kimberly^ and José Arrellaga "Computational Modeling of ASR/DEF Affected Concrete Bridge Columns," 17th IABSE Congress 'Creating and Renewing Urban Structures – Tall Buildings, Bridges and Infrastructure' (Chicago, IL), September 2008.

2. Invited Talks, Lectures, and Presentations:

Talley, Kimberly, Kristi Shryock, Vimal Viswanathan, Tracy Hammond, and Julie Linsey, "Changing Homework Achievement with Mechanix Pedagogy," 2022 IUSE Summit (NSF Grantees Conference), June 2022.

Hammond, Tracy, Julie Linsey, Ben Caldwell, Kristi Shryock**, Kimberly Talley,** Vimal Viswanathan, Josh Hurt, Matthew Runyon, and Blake Williford, "Five Universities Are Grading Not Only the Answer but Also the Process with Sketch Recognition," NSF Grantees EEC Conference, October 2019.

Talley, Kimberly Grau, Shaunna Smith, Araceli Ortiz, and Vedaraman Sriraman, "Makerspaces: Bridging Demographics," NSF Grantees EEC Conference, October 2019.

Kimberly Talley, "Making and Engineering," 2016 Faculty Summer Learning Community (San Marcos, TX), May 25, 2016.

Kimberly Talley, "Academic Construction," Presentation to Introduction to the Construction and Concrete Industry (CSM 1260), March 4, 2015.

Ortiz, Araceli, and **Kimberly Talley,** "Why Women Stay in STEM," 2014 STEM Think Tank and Conference (Nashville, TN), July 2014.

Talley, Austin and **Kimberly Talley,** "Light Up Your Imagination with Hands-on STEM," STEMsation Conference, 2011 Education Service Center Region 20, (San Antonio, TX)

Invited Judge of Student Projects for Uvalde Consolidated Independent School District, "Rio Grande College Title V Underwater Robotics Science Camp and Teacher Professional Development Institute," 2010 (Uvalde, TX)

Invited Judge of Student Projects for Crystal City Independent School District, "Rio Grande College Title V Underwater Robotics Science Camp and Teacher Professional Development Institute," 2010 (Crystal City, TX)

3. Consultancies:
None

4. Workshops:

LBJ Institute Faculty Research Fellows Book Club & Lecture Series, September & October 2021, February, March, April, October, & December 2022, and February, March & April 2023 Texas State University, San Marcos, TX

Rising Stars Summer Learning Institute, June 2017, Texas State University, San Marcos, TX

Rising Stars Summer Learning Institute, May 2016, Texas State University, San Marcos, TX

STructural Engineering Education Reunion (STEER), March 2007, Ferguson Structural Engineering Laboratory, University of Texas at Austin, Austin, TX

5. Other Works not in Print:

a. Works "submitted" or "under review"
(* denotes corresponding author, ^ denotes graduate student, # denotes undergraduate research assistant)

Kimberly Grau Talley*, Karim Muci- Kuchler, Christine Hailey, "Sprouting the SEEDs (Scholars of Excellence in Engineering Design): Results from the First Two Years of the SEED NSF S-STEM Program at Texas State University" 2026 ASEE Annual Conference, Submitted 2025.

Debs, Luciana*, **Kimberly Grau Talley**, Alex Sander Clemente de Souza, "AI in Construction Education Programs: Addressing Accessibility and Reliability through a Comparative Case Study" 2026 ASEE Annual Conference, Submitted 2025.

Kimberly Grau Talley*, Ivey, John^, Austin Talley, Ahmed Khalili^, and Shaunna Smith, "Improving the Making Management: The Next Generation of Makerspace Management Software to Efficiently Improve Access and Safety" International Journal of Academic Makerspaces and Making, Submitted 2025.

Hurt, Josh^, **Kimberly Grau Talley***, Kristi Shryock, and Julie Linsey, "Automatically Graded Open-Ended Design Problems in Introductory Statics Classes" Journal of Mechanical Design (under revision), Submitted 2023.

b. Works "in progress"
(* denotes corresponding author, ^ denotes graduate student, # denotes undergraduate research assistant)

Kimberly Grau Talley* and Brad Gonzales# "Monte Carlo Quizzes: Adapting a Philosophy Education Technique to the Construction Classroom" in progress to be submitted to the International Journal of Construction Education and Research.

Khalili, Ahmed^, **Kimberly Grau Talley***, and BJ Spencer, "Impacts of Early Internships on Engineering Technology Students", in progress to be submitted to the Journal of Engineering Technology.

Hurt, Josh^*, Matthew Runyon^, **Kimberly Grau Talley**, Kristi Shryock, Vimal Viswanathan, Tracy Hammond, and Julie Linsey, "Impacts of Sketch Mechanix", in progress to be submitted to Advances in Engineering Education.

Higginbotham, Ashlyn#, **Kimberly Grau Talley*,** and Shaunna Smith, tentatively titled "Relating Engineering Design Self-Efficacy and Professional Identity Disposition" in progress to be submitted to the International Journal of Engineering Education.

c. Other works not in print

Talley, Kimberly Grau, *Assessment and Strengthening of ASR and DEF Affected Concrete Bridge Columns,* PhD Dissertation (University of Texas: Austin, TX), 2009.

Grau, Kimberly Ann, *Survey of Costs, Economic Analysis, and Design Guidelines for Corrosion Protection Methods for Post-tensioned Concrete Bridges,* Master's Thesis (University of Texas: Austin, TX) 2005.

C. Grants and Contracts

1. Funded External Grants and Contracts:

Talley, Kimberly (PI), Luciana de Cresce El Debs, Michelle Forsythe, and Anthony Torres, "Blueprints for Belonging: A Community of Practice Model for Faculty and Student Success in Construction Education," National Science Foundation Improving Undergraduate STEM Education: Directorate for STEM Education (IUSE: EDU) program, ($399,974) 2026-2029, UNDER REVIEW.

Talley, Kimberly (PI), Michelle Londa, and Karim Muci-Kuchler, "Sowing the SEED of Success: Building a Peer Mentoring Partnership" National Science Foundation Subaward from Virginia Tech, ($15,000) 2025-2026, Recommended for Funding.

Muci-Kuchler, Karim, Jitendra Tate, Michelle Landa, **Kimberly Talley (Co-PI)**, Damian Molina, Felipe Gutierrez, and Stacey Kulesza, "Scholars of Excellence in Engineering Design," National Science Foundation Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program, ($2,499,310) 2024-2029.

Talley, Kimberly (PI), "Enhancing Visualization Skills and Conceptual Understanding Using a Drawing-Recognition Tutoring System for Engineering Students" Collaborative Proposal with Texas A&M University, Georgia Tech, LeTourneau University, and San Jose State University, National Science Foundation ($1,817,400 overall; Texas State Portion: $184,034) 2017-2023.

Ortiz, Araceli, Shaunna Smith, Vedaraman Sriraman, and **Kimberly Talley (Co-PI)**, "The Engineering Education Maker Identity Project," National Science Foundation Research in Engineering Education (REE) program ($299,778) 2015-2019.

Ortiz, Araceli, Eleanor Close, Mina Guirguis, Clara Novoa, and **Kimberly Talley (Co-PI)**, "Texas State STEM Rising Stars," National Science Foundation Improving Undergraduate STEM Education (IUSE) program, ($1.5 million) 2015-2019.

Talley, Kimberly (PI), Araceli Ortiz, and Shaunna Smith, "Collaborative Research: University Maker Spaces: Discovery, Optimization, and Measurement of Impacts," Collaborative Proposal with Georgia Tech and James Madison University, National Science Foundation Improving Undergraduate STEM Education (IUSE) program ($427,764 overall; Texas State Portion: $75,000) 2014-2019.

Talley, Kimberly and Gary Winek, "2013 Construction Department Grant," Proposal submitted to the TEXO Education and Research Foundation ($6,000 including matching funds from department) 2013.

Castro-Arellano, Ivan, Cristian Gaedicke, Dittmar Hahn, Michael Forstner, Clay Green, and **Kimberly Talley**, "Contribution of Bridge Dwelling Birds to Bacterial Water Quality Impairments," Texas Department of Transportation Project Number 0-6764 ($389,684) 2012-2014.

2. Submitted, but not Funded, External Grants and Contracts:

Asiabanpour, Bahram, David von Miller, Amir Hosein Zamanian, Keisuke Ikehata, Semih Aslan, and **Kimberly G. Talley (Evaluator),** "Space Pioneers Coalition: An Inclusive

Engineering Research Coalition for Advancing NASA's Exploration," Collaborative Proposal with San Marcos Consolidated Independent School District and San Antonio Southside Independent School District, National Aeronaturics and Space Administration, ($1.2 Millian) 2025-2027.

Asiabanpour, Bahram, Keisuke Ikehata, Amir Hosein Zamanian, Semih Aslan, Mark Summers, Togay Ozbakkaloglu, and **Kimberly G. Talley (Evaluator)**, "The Martian Center: A Collaborative Research Hub for Space Innovating and Cultivating Solution for Martian Settlement," Collaborative Proposal with Texas A&M Corpus Christi and San Antonio College, National Aeronautics and Space Administration, 2024.

Jimenez, Jesus, Karim H. Muci-Kuchler, **Kimberly G. Talley (Co-PI),** Anahita Emami, and Stephani Solansky, "Collaborative Research: IUSE/PFE:RED Innovation: Cultivating Product Development Mindsets Through Design, Making, and Additive Innovation," Collaborative Proposal with South Dakota School of Mines, National Science Foundation ($2,997,059 overall; Texas State Portion: $1,497,059) 2022.

Qasem, Apan, Karim H. Muci-Kuchler, Clara Novoa, Bahram Asiabanpour, Togay Ozbakkaloglu, **Kimberly G. Talley,** Shelly Forsythe, Michelle Londa, Semih Aslan, Anahita Emami, and Ted Lehr, "CUE-T: Transforming Engineering Computing Education Using a Scalable Competency-Driven Approach," National Science Foundation ($1,998,882) 2022.

Talley, Kimberly (PI) and BJ Spencer, "Building Belonging: Measuring the Impacts of a Peer Tutoring-Based Learning Community on Engineering Technology Student Major Belonging and Retention", National Science Foundation ($299,679) 2020.

Talley, Kimberly (PI), "CAREER: Practical Applications: Improving Engineering Belonging through Informal Learning Spaces", National Science Foundation CAREER program ($501,073) 2018.

Talley, Kimberly and Shaunna Smith, "Collaborative Research: Measuring Inclusivity and Climate in University Makerspaces," Collaborative Proposal with Georgia Tech, National Science Foundation Broadening Participation in Engineering (PBE) program ($400,000 overall; Texas State Portion: $51,196) 2016.

Talley, Kimberly and Shaunna Smith, "Collaborative Research: Reducing the Barriers to Participation in University Makerspaces" Collaborative Proposal with Georgia Tech, National Science Foundation Research in the Formation of Engineers (RFE) program ($349,753 overall; Texas State Portion: $75,165) 2016.

Ortiz, Aracli, Kristina Collins, Vedaraman Sriraman, **Kimberly Talley**, Harold Stern, Bahram Asiabanpour, and Austin Talley, "The LBJ Engineering Bridge Academies" Department of Education, HSI STEM and Articulation Program ($5.8 million) 2016.

Talley, Kimberly, and Shaunna Smith, "Collaborative Research: The Impacts and Affordances for Learning of University Maker Spaces," National Science Foundation EHR Core Research (ECR) program (Texas State Portion: $349,966) 2015.

Novoa, Clara, **Kimberly Talley,** Susan Romanella, Reiko Graham, and Anne Ngu, "C2 – Crtitcal Contributors: Women in the Engineering and Technology Workforce," National Science Foundation S-STEM (Scholarships in Science Technology Engineering & Math) program ($999,706) 2015.

Talley, Kimberly, "Collaborative Research: Changing Homework Achievement with Mechanix Pedagogy (CHAMP)," Collaborative Proposal with Texas A&M University, Georgia Tech, and LeTourneau University, National Science Foundation Improving Undergraduate STEM Education (IUSE) program (Texas State Portion: $249,989) 2015.

Smith, Shaunna, Araceli Ortiz, **Kimberly Talley**, Sharon Strickland, and Vedaraman Sriraman, "WE MADE: Women Exploring Mathematics, Art, Design, and Engineering through Community-Wide Mobile Makerspace Experiences," National Science Foundation ITEST program ($1 million) 2014.

Talley, Kimberly, Araceli Ortiz, and Shaunna Smith, "Collaborative Research: Inventors, Makers and Learners: The Invention Studio as an Affordance for Learning," Collaborative Proposal with Georgia Tech and James Madison University, National Science Foundation, Division of Research on Learning in Formal and Informal Settings (DRL), Core R&D Program (Texas State Portion: $100,000) 2014.

Sriraman, Vedaraman, **Kimberly Talley**, BJ Spencer, "TUES: Energizing the T in STEM: Active Learning and Engineering Technology Students," Proposal submitted to NSF TUES ($199,249) 2012.

Talley, Kimberly, "Growing the T in STEM; We're Not Just a Letter in the Acronym," White Paper Submitted to the AT&T Foundation ($75,000) 2012.

Crawford, Richard, Kristen Wood, Christina White, Anthony Petrosino, Chandra Muller, and **Kimberly Talley**, "ITEST Strategies: Design-based Learning outside the Classroom: Friday Night STEM Lights," Proposal submitted to NSF ITEST (Texas State Proposed Portion: $70,000) 2011.

3. Funded Internal Grants and Contracts:

Kisi, Krishna, **Kimberly Talley**, BJ Spencer, Selen Karasulu, and K. Scott Smith, "Overcoming Mathematical Hesitancy in the Pursuit of STEM Degrees: Applied Mathematics through the AR/VR Training Lens" TX State University Big Idea Proposal, 2020 - 2022

Talley, Kimberly, "A Method to Numerically Model Material Degradation of Reinforced Concrete Structures," Texas State University - San Marcos Research Enhancement Program ($8,000) 2013-2014.

4. Submitted, but not Funded, Internal Grants and Contracts:

Debs, Luciana and **Kimberly Talley**, "Academic Help-Seeking Behaviors of Technology Students," Texas State University Research Enhancement Program ($15,992) 2025-2026.

D. Fellowships, Awards, Honors:

Fellowship/Award/Honor	Entity	Dates
College Achievement Award for Excellence in Teaching	College of Science and Engineering, Texas State University	2025
Outstanding Student Engagement	Pearson	2023
Outstanding Service to Youth	BSA Packs 163/363, Alamo Area Council	2022
Favorite Professor	The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society	2022
Award for Excellence in Online Teaching	Office of Distance and Extended Learning, Texas State University	2022
Presidential Distinction Award for Excellence in Teaching	Texas State University	2021
Panhellenic Council Professor Appreciation	Texas State Panhellenic Council & Delta Gamma Sorority	2021
College Achievement Award for Excellence in Teaching	College of Science and Engineering, Texas State University	2020
Teaching Award of Honor	Texas State Alumni Association	2020
2020 ASCE ExCEEd Fellow	American Society of Civil Engineers	2020
Favorite Professor	Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society	2019
Founding Cohort Faculty Research Fellow	LBJ Institute for STEM Education and Research	2015-2018
PIC V Best Paper	American Society for Engineering Education, for the paper entitled “Early Internships for Engineering Technology Student Retention: A Pilot Study”	2016
Interviewed for “Making a Mark” article on Academic Makerspaces	PE: The Magazine for Professional Engineers	2016
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2016
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2015
Influential Faculty	Student Veteran Appreciation of Campus Support, Texas State University	2014
Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2014

Influential Faculty	Graduating Student Recognition of Campus Support, Texas State University	2013
Program for Excellence in Teaching and Learning	Texas State University	2012-2013
Best Paper Nomination	American Society for Engineering Education, for the paper entitled "Hands-on Project Based Learning on a Shoestring Budget: You Don't Have to Buy a Robotics Kit"	2012
Best Paper Nomination	American Society for Engineering Education, for the paper entitled "Grad Students Just Wanna Have Fun: Great Sociability Makes a Great Graduate Program"	2009
Doctoral Fellow	American Association of University Women, Austin Chapter	2007–2008
Graduate Research Fellow	National Science Foundation	2003–2006
Thrust 2000 Fellow	Cockrell School of Engineering, University of Texas at Austin	2003–2007
Co-Valedictorian	North Carolina State University	2002
First Place Star Student	Civil Engineering News	2002
Phi Beta Kappa	North Carolina State University	2001
Phi Kappa Phi	North Carolina State University	2001
Chi Epsilon	North Carolina State University	2000
Venturing Silver Award	Boy Scouts of America	2000
Tau Beta Pi	North Carolina State University	1999
Phi Eta Sigma	North Carolina State University	1999
Gold Award	Girl Scouts USA	1998

IV. SERVICE

A. Institutional

1. University:

Texas State University: San Marcos, TX

Phi Beta Kappa, Nu of Texas Chapter Charter Member	2024 – present
Founding Research Fellow, LBJ Institute for STEM Education and Research	2018 – present
Undergraduate Advising	2012 – present
Graduate Faculty	2012 – present
College of Science and Engineering Dean Search Committee	2022 – 2023
Award for Excellence in Online Teaching Selection Committee	2022 – 2023

Coordinator, Faculty Research Fellow Cohort 3, LBJ Institute for STEM Education and Research 2020 – 2023

Bobcat Made Makerspace Co-Director 2015 – 2020

Senior Research Fellow, LBJ Institute for STEM Education and Research 2013 – 2018

Discover Texas State 2012

North Carolina State University: Raleigh, NC
Vice President, NC State Chapter of National Association of Home Builders 2001 – 2002

President, NC State Chapter of Chi Epsilon 2000 – 2002

Historian, NC State Chapter of Tau Beta Pi 2000 – 2001

Concrete Canoe Team, NC State Chapter of ASCE 1999 – 2002

2. College:

Texas State University: San Marcos, TX
60th Anniversary Planning Committee 2025 – present

ASEE Contact Representative 2019 – present

Bobcat Days 2012 – present

COSE Research Enhancement Program Committee 2020 – 2021

Civil (Structural) Engineering Assistant Professor Search Committee 2020 – 2021

Undergraduate Marshall 2019

ESB/Ingram Hall Classroom Design Committee 2016

STEM Education Committee 2012 – 2014

NSF STEP Committee 2012 – 2013

Planning for new engineering building (Ingram Hall) 2012

3. Departmental:

Texas State University: San Marcos, TX
Chair, Construction Science and Management Faculty Search Committee 2025 – present

Chair, Bachelor's of Science in Construction Engineering Proposal Writing 2025 – present

CSM Course Equivalency Evaluator 2025 – present

Advisor, Collegiate Association of Women in Construction 2025 – present

Co-Facilitator, TECH 2351/CSM 3360 Teaching Methods Group 2022 – present

Advisor, Construction Student Association 2019 – present

Personnel Committee 2019 – present

Engineering Technology ABET Accreditation 2018 – present

CSM ACCE Accreditation 2012 – present

Chair, Construction Science and Management Pre-Major Matriculation Committee 2018 – 2025

Chair, Construction Science and Management Faculty Search Committee (2 positions) 2024 – 2024

Construction Science and Management Assistant Professor Search Committee 2021 – 2022

Concrete Industry Management Assistant Professor Search Committee 2021 – 2022

Advisor, Collegiate Association of Women in Construction 2018 – 2021

Construction Careers High School Tour 2020

Chair, Construction Science and Management Senior Lecturer Search Committee 2019 – 2020

Construction Science and Management Professor of Practice Search Committee 2019 – 2020

Construction Science and Management Assistant Professor Search Committee (2 positions) 2019 – 2020

Masters of Science in Construction Management Proposal Writing Committee 2019

Construction Science and Management Professor of Practice Search Committee 2018 – 2019

Construction Science and Management Pre-Major Matriculation Committee 2017 – 2018

Construction Science and Management Professor of Practice Search Committee 2017 – 2018

Strategic Planning for 2017-2023, Department of Engineering Technology 2017

Strategic Planning for 2017-2023, Construction Science and Management Program 2017

ACCE Self-Evaluation Study Committee 2016 – 2017

Foundry Key Assistant Professor Search Committee 2016 – 2017

Concrete Industry Management Program Director Search Committee 2013 – 2014

Engineering Technology ABET Accreditation Committee 2012 – 2014

Concrete Industry Management Program Director Search Committee 2012 – 2013

Concrete Industry Management Assistant Professor Search Committee 2012 – 2013

Strategic Planning for 2012-2017, Department of Engineering Technology 2012

Strategic Planning for 2012-2017, Construction Science and Management Program 2012

Austin Community College: Austin, TX
Assessment Committee, Department of Physical Sciences 2010-2011

University of Texas at Austin: Austin, TX
Planning Committee, STructural Engineering Education Reunion 2007

Prospective Graduate Student Host, Structural Engineering Program 2004 – 2007

Building 24 Committee, Ferguson Structural Engineering Lab 2003 – 2005

B. Professional:

American Society for Engineering Education: Construction Engineering Division
Division Chair 2025 – present
Program Chair 2023 – 2025
Secretary 2021 – 2023
Treasurer 2019 – 2021
Peer Reviewer 2012 – present

Advisory Board Member to NSF grant, "Collaborative Research: Enhancing Undergraduate STEM Learning by Mitigating Misalignment of Augmented Capability in Assistive Technology Use for Construction Education" 2025 – present

International Journal of STEM Education
Peer Reviewer 2020 – present

Journal of Women and Minorities in Science and Engineering
Peer Reviewer 2020 – present

Journal of Engineering Education
Peer Reviewer 2018 – present

American Society for Engineering Education: Design in Engineering Education Division
Peer Reviewer 2017 – present
Director 2017 – 2018

American Society for Engineering Education: Educational Research and Methods Division
Peer Reviewer 2016 – present

American Society for Engineering Education: NSF Grantees Poster Session Division
Peer Reviewer 2016 – present

National Science Foundation
Proposal Review Panelist 2014 – present

National Association for Women in Construction 2025 – present

American Society of Civil Engineers 2012 – present

Structural Engineers Association of Texas 2009 – present

American Society for Engineering Education 2007 – present

American Concrete Institute 2006 – present

Associated Schools of Construction
Region 5 Education Committee Liaison 2021
Education Committee 2021

Advisory Board Member to NSF grant, "Collaborative Research: Quantitative Network Analysis for Benchmarking and Improving Makerspaces" 2020 – 2023

National Center for Faculty Development & Diversity 2017 – 2023

Association for Preservation Technology 2008 – 2014

C. Community:

Scouts BSA Troop 133: New Braunfels, TX
Merit Badge Counselor 2024 – present
Troop Committee Member 2023 – present

Church Hill Middle School: New Braunfels, TX
PTA Member 2023 – present

Heritage Society of New Braunfels: New Braunfels, TX

Folk Fest Volunteer	2022 – present
Member	2022 – present

Die Fröhliche Tanzgruppe: New Braunfels, TX

Member	2021 – present

Sophienburg Museum and Archives: New Braunfels, TX

Wurstfest Booth Volunteer	2021 – present
Verein Member	2021 – present

P.E.O. Chapter HT: New Braunfels, TX

Treasurer	2024 – present
Finance Committee Member	2022 – present
Member	2021 – present
Star Scholarship Committee Member	2022 – 2024
Historian Committee Member	2023
Program for Continuing Education Committee Member	2021 – 2022
Social Committee Member	2021 – 2022

Girl Scout Troup 1444: New Braunfels, TX

Co-Leader	2021 – present
Money Manager	2021 – present
Troop Helper	2019 – 2021

German American Society: New Braunfels, TX

Wurstfest Booth Volunteer	2018 – present
Member	2018 – present
Wurstfest Booth Redesign Committee Member	2020 – 2021

Conservation Society: New Braunfels, TX

Wurstfest Booth Volunteer	2018 – present
Member	2018 – present
Kaffee Haus Volunteer	2019 – 2020

Hoffmann Lane Elementary School: New Braunfels, TX

PTA Member	2017 – 2025
Parent Volunteer	2017 – 2025

New Braunfels Presbyterian Church: New Braunfels, TX

Sunday School Class Co-Facilitator	2025 – present
Member	2014 – present
Elder and Clerk of Session	2021 – 2024
Nominating Committee Member	2023
Nominating Committee Member	2016
Pastor Nominating Committee Member	2014 – 2015

Girl Scouts USA

Lifetime Member	1998 – present

Cub Scout Packs 163/363: New Braunfels, TX
Parent Volunteer 2019 – 2024

Edelweiss Kinderchor von New Braunfels: New Braunfels, TX
Parent Volunteer 2018 – 2023

Girl Scout Troup 1025: New Braunfels, TX
Troop Helper 2017 – 2019

Mothers of Preschoolers: New Braunfels, TX
Discussion Group Leader and Steering Board Member 2016 – 2019
Member 2013 – 2019

Inherit Austin: Austin, TX
Secretary and Board Member 2010 – 2011
Member 2009 – 2011

Downtown Austin Neighborhood Association: Austin, TX
Downtown Living Tour Volunteer 2011
Member 2006 – 2011

Central Presbyterian Church: Austin, TX
Member 2007 – 2014
Facilities Team 2010 – 2011
Cooking Team 2008 – 2011

Northwest Hills United Methodist Church: Austin, TX
Member 2002 – 2007
Flower Committee 2004 – 2006
Sanctuary Choir 2003 – 2007

Girl Scout Troop 144/1440: Raleigh, NC
Assistant Leader 1998 – 2002

D. Service Honors and Awards:

Fellowship/Award/Honor	Entity	Dates
Outstanding Service to Youth	BSA Packs 163/363, Alamo Area Council	2022
Venturing Silver Award	Boy Scouts of America	2000
Gold Award	Girl Scouts USA	1998

E. Service Grants and Contracts

1. Funded External Service Grants and Contracts:
None

2. Submitted, but not Funded, External Service Grants and Contracts:
None

3. Funded Internal Service Grants and Contracts:

Talley, Kimberly, Gary Winek, and Vedaraman Sriraman, "Replacing the existing PCs with Engineering Workstations in RFM 1240," Student Computing Resources Proposal FY 2013 ($50,215.10 including $15,000 in matching funds from the Engineering Technology Department) 2013.

4. Submitted, but not Funded, Internal Service Grants and Contracts:
None

Updated 01/23/2026