

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Weam Al-Tameemi

Title: Assistant Professor of Instruction

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
Post Graduate Program	2024	University of Texas at Austin	Data Science and Business Analytics	7 projects
Ph.D. in Mathematics	2011	University of North Texas	Mathematics (Topological Groups)	Algebraically Determined Semidirect Products
M.Sc. in Mathematics	1994	Baghdad University	Mathematics (Dynamical Systems)	On Strange Attractors
Bachelor of Science in Mathematics	1987	Baghdad University	Mathematics and Minor in Physics	

C. University Experience

<i>Position</i>	<i>University</i>	<i>Dates</i>
Assistant Professor of Instruction	Texas State University	Fall 2024-Present
Lecturer	Texas State University	Fall 2018- Aug.1,2024
Assistant Professor	Texas A&M International University	Fall 2012- Aug.1, 2018
Lecturer	University of North Texas	Fall 2011- Aug.1, 2012
Graduate Teaching Fellow	University of North Texas	Fall 2006- Aug. 2011
Instructor	Baghdad University	May 2003- Aug.2005
Assistant Instructor	Baghdad University	May1994-May.1, 2003

D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
Member	The National Association of Professional Women (NAPW)	2011- 2013
Member	American Mathematical Society (AMS)	2006- present
Member	Quality Matters (QM) and (iQM)	2013- present
Reviewer	Journal of STEM Educational Research	2018- present
Reviewer	Journal of Latinos in Education	2021- present
Reviewer	Action in Teacher Education Journal	2022- present

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

- Teaching Every kind of Learner: Universal Design for Learning, JoVE webinar, Dec. 4, 2025.
- National Distance Learning Week (NDLW) Certificate, USDLA webinars, Nov. 3-7, 2025.
- Post Graduate Program in Data Science and Business Analytics Certificate, University of Texas at Austin & Great Learning, Nov. 2024.
- Digital Teaching Symposium Certificate of Attendance, Darcy Hardy, Anthology, Nov. 2, 2023.
- QM Rubric Update Seventh Edition (RU) Certificate, Quality Matters QM, Aug. 22, 2023.
- Math Anxiety: What is it & How to Combat it Certificate of Attendance, Lumen Learning, Apr. 12, 2023.

- Innovative Educators Virtual Summit Certificate of Attendance, Professional Development by Hawkes Learning, Mar. 16- 17, 2023.
- Course Hero's virtual event Certificate, Rising Together: Effective Assessment for Students and Teachers, April 13, 2022.
- Advanced Zoom Features in DLP Classrooms certificate, November 11, 2021, Faculty Development at Texas State University.
- Teaching Award of Honor, Texas State Alumni Association, Spring 2020.

SKILLS

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| ○ Python | ○ Excel |
| ○ LaTeX | ○ Microsoft |
| ○ Bilingual (Arabic and English) | |

II. TEACHING

A. Teaching Honors and Awards:

- QM Peer Reviewer Certificate, Aug. 22, 2023- present.
- Teaching Award of Honor, Texas State Alumni Association, Spring 2020.
- Teacher of the year, Texas A& M International University, Department of Mathematics and Physics, 2015-2016.
- University of North Texas, Teaching Fellow Award, 2006-2011.
- Professional Teaching Award, Ministry of Higher Education, Baghdad, Iraq, for the years 1998 and 1999.

B. Courses Taught:

Undergraduate Level At TXST

- Math 2473 Int Calc W/ Multivariable and Series
- Math2472 Calculus II
- Math 2413 Calculus I
- Math 2393 Calculus III
- Math 2417 Precalculus
- Math 1319 -1329 Business Math I & II
- Math 1315 College Algebra (Stand alone, Paired, N classes)
- Math 1312 College Stat & Algebra
- Math 1311 Intermediate Algebra

Online classes:

- Math2472 Calculus II
- Math1329 Business Math II
- Math 1315 College Algebra
- Math 2417 Precalculus
- Math 1312 College Stat & Algebra

Undergraduate and Graduate Level: At Texas A&M International University (TAMU)

- Math 2414 Calculus II
- Math 4345 Complex Variables-WIN Course
- Math 3371 Communication in Mathematics- WIN Course
- Math 3330 Differential Equations
- Math 3310 Linear Algebra
- Math 5365 Topology
- Math 5340 Differential Geometry
- Math 5320 Complex Analysis I
- Math 5290 Research Methods in Mathematics
- Math 5191 Mathematics Seminar
- Math 4360 Introduction to Topology

Writing Intensive (WIN) Classes:

- WIN Complex Variables Course (at TAMU).
- WIN Communications in Mathematics Course (at TAMU).

C. Courses Prepared and Curriculum Development:

- Calculus II: Online Material and 3- Bootcamps (Integration Techniques, Applications of Integration, and Series).
- Collage Algebra: Common Finals and Gen-Ed questions.

D. Funded External Teaching Grants and Contracts:

- **Co-Project Director/Co-Principal Investigator:** STEP into the STEM Field (STEM Field), National Institute of Food and Agriculture, in collaboration with Texas A&M International University, (\$150,000), 2018-2022.

E. Development Workshop:

- **Sep. 10, 2026:** Code Mode: Using Gradescope to Evaluate Programming Assignments.
- **Sep. 8, 2026:** Faculty Focus: Promotion for Academic Professional Faculty.
- **Aug. 26, 2026:** Top Hat: Beyond the Basics.
- **Feb. 27, 2026:** 13th Annual Award for Excellence in Online Teaching.
- **Sep.10, 2025:** Reshaping Higher Education with AI Fluency webinar: The Cengage Team.
- **Sep.9, 2025:** Developing Narratives for Non-Tenure Line Promotion: This session will support non-tenure line faculty through the process of developing a well-structured narrative summarizing their teaching philosophy, and accomplishments making the case for promotion outlined in AA/PPS No. 04.02.21.
- **Sep.2, 2025:** Strategies for Conducting Peer Teaching Evaluations: This session supports faculty serving as peer teaching evaluators in alignment with university policy for promotion of non-tenure line faculty outlined in AA/PPS No. 04.02.21. Attendees will learn best practices for assessing teaching effectiveness, and gain strategies to ensure fair, rigorous, and constructive evaluations.
- **Oct.30,2025:** UDOIT Right! Accessibility Tools in Canvas: This webinar focuses on the importance and usage of UDOIT, a Universal Design Online Content Inspection Tool integrated into Canvas for digital accessibility auditing. It covers how UDOIT works, common errors, fixes, and provides resources for further learning.
- **Apr.29, 2025:** Click Here for Success: Strategies for Asynchronous Teaching: A dynamic, faculty-led discussion on asynchronous teaching strategies. The panel of experts will share practical techniques to enhance student engagement, tools to manage your workload, and insights on growing and thriving as an asynchronous instructor.
- **Mar.18,2025:** Lunchtime Learning: AI Tools for Literature Reviews: Literature Reviews are time consuming and often overwhelming, but new artificial intelligence (AI) tools can streamline the process. This workshop introduces various tools for finding and evaluating sources, viewing connected citations through visual knowledge maps, and organizing your findings for pre-writing.
- **Mar. 6, 2025:** Engaging Undergraduate Students in Hands-on Interdisciplinary Research: The session highlighting the EPIC (Experiential, Project-based, Interdisciplinary Curriculum) program. The EPIC program provides students from all disciplines with academic, research, and project-focused learning opportunities to help them develop transferable skills while making meaningful contributions to their community through Project Labs.
- **Feb.28, 2025:** 12th Annual Award for Excellence in Online Teaching: Virtual Showcase: This event is hosted by Online and Extended Programs to honor online faculty.
- **Jan. 28, 2025:** Top Hat: Getting Started – ARCHIVED: Top Hat is the university's Student Response System, available now for all faculty and staff. Participants of this workshop will gain an understanding of course creation and best practices for using Top Hat in the classroom.

III. SCHOLARLY/CREATIVE

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

- NA

B. Articles

a. Refereed Journal Articles:

- **Al-Tameemi, W.** and et al, (2023), South Texas Rural School Novice Teachers, Journal of Latinos and Education, May 2, DOI: 10.1080/15348431.2023.2206900. **To link to this article:**
<https://doi.org/10.1080/15348431.2023.2206900>
- **Al-Tameemi, W.** and et al, (2021), Professional Development for Secondary School Teachers and Educational Professionals in STEM Fields, Theory & Practice in Rural Education (TPRE), Vol. 11, No. 1, Pp. 94-112, ISSN:2642-7170 2021, <https://doi.org/10.3776/tpre.2021.v11n1p94-112>.
- **Al-Tameemi, W.** and et al, (2020), Instructional Research-based Practices Related to Agriculture, The Texas Forum of Teacher Education/ Texas Association of Teacher Educators, Volume 10, pp. 61-70, ISSN: 2166-0190 online. <https://txate.org/resources/Documents/Mireles%20Viloria%20Al-Tameemi%20Uribe%202020.pdf>
- **Al-Tameemi, W.** and et al, (2019), “A Theoretical Approach to Ensuring Instructional and Curriculum Coherence of STEM Writing Intensive (WIN) courses: A Case Analysis of One University”, International Journal of Innovation Sciences and Research, Vol.8, No. 8, pp.1466-1479.
<http://www.ijisr.com/issue/theoretical-approach-ensuring-instructional-and-curriculum-coherence-stem-writing-intensive>
- **Al-Tameemi, W.** and Kallman, R., (2016), “The natural semidirect product $R^n \times G(n)$ is algebraically determined,” Topology and its Applications, Vol. 199 page 70-83.
<https://www.sciencedirect.com/science/article/pii/S0166864115005350>
- **Al-Tameemi, W.** and Kallman, R., (2014), “Algebraically Determined Semidirect Products,” Topology and its Applications Vol. 175 page 43-48.
<https://www.sciencedirect.com/science/article/pii/S0166864114002818>

C. Conferences Proceedings:

- **Participant:** Math Grad Programs Showcase, TXST/ Department of Mathematics, Dec.6, 2025.
- **Participant:** MATLAB EXPO 2025 program (Research Conference), Mathematics Department at Texas State University, Nov.12-13, 2025.
- **Participant:** USDLA National Distance Learning Week (NDLW) - November 3-7, 2025.
- **Participant:** 2025 Quality in Action Online QM Conference, April 28, 2025.
- **Judge and participant:** 2025 TXST STEM Conference, LBJ Student Center, Mar.28, 2025.
- **Participant:** 12th Annual Award for Excellence in Online Teaching: Virtual Showcase, Feb. 28, 2025.
- **Participant:** 2025 QM Research Online Conference, Feb.27, 2025.
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- **Judge:** 2024 TXST STEM Conference, at the TXST LBJ Student Center, April 12, 2024.
- **Participant and Volunteer:** 103rd MAA Conference & Annual Meeting, Annual conferences providing networking, professional development, and opportunities to present research, March 22, 2024.
- **Participant:** 11th Annual Award for Excellence in Online Teaching, Feb. 28, 2024.
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- **Presenter:** Some Aspects of Topological Dynamics: Topological Transitivity, Topological Seminars, Texas State University, Nov.10, 2023.
- **Participant:** 2023 Quality in Action Online QM Conference, April 28, 2023.
- **Participant:** The South-Central Topology Conference II, Texas State University, San Marcos, Feb. 10-12, 2023.
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- **Participant:** 2022 Quality in Action Online QM Conference, April 29, 2022.
- **Participant:** 55th Spring Topology and Dynamics Conference, Baylor University Virtual Conference, March 9 – 12, 2022.
- **Participant:** Fierce Education Virtual Event, Higher Education: Helping Faculty Navigate Top Challenges in This New Blending Learning Environment, February 24, 2022.

D. Abstracts: NA**E. Book/ Article Reviews:**

- **Reviewer:** Journal of Latinos and Education, paper entitled "Integrating Community Cultural Wealth in Elementary Social-Emotional Learning Lessons" for Journal of Latinos and Education", June 2026.
- **Reviewer:** Action in Teachers Education Journal, paper entitled "National Survey Results for Early Field Experiences in Teacher Education: An Analysis of Current Realities and Partnership within Mathematics Education.", June 2026.
- **Reviewer:** Action in Teachers Education Journal, paper entitled "Mock Testing as a Tool to Reduce Anxiety and Enhance Preparedness in Teacher Education", Mar.2026.
- **Reviewer:** Action in Teachers Education Journal, paper entitled "The Impact of Active Learning on the Quality of Algebra Lesson Plans in Preservice Mathematics Teacher Education", Jan. 2026.
- **Reviewer:** Action in Teachers Education Journal, paper entitled "The Impact of Active Learning on the Quality of Algebra Lesson Plans in Preservice Mathematics Teacher Education, Dec. 2025.
- **Reviewer:** Action in Teachers Education Journal, paper entitled "National Survey Results for Early Field Experiences in Teacher Education: An Analysis of Current Realities and Partnership within Mathematics Education", Sep. 2025.
- **Reviewer:** Journal of Latinos and Education, paper entitled "Mentoring as a means for addressing Latina/o/x First Generation undergraduate engineering student success" for Journal of Latinos and Education, Oct. 2025.
- **Reviewer:** Journal of Latinos and Education, paper entitled "Creating a STEM Center Network for Increasing Underrepresented Minority Retention in STEM" for Journal of Latinos and Education", Jun. 2025.
- **Reviewer:** Journal of Latinos and Education, paper title "Hispanic Serving Institutions as Catalysts for Belonging and Community Among Under-Represented Minority Students in STEM", Apr. 2025.
- **Reviewer:** Action in Teachers Education Journal, paper title "Implementation of Differentiated Learning Based on Ethnomathematics: Its Effect on Students' Mathematical Creative Thinking Ability", Jan. 2025.

F. Invited Talks, Lectures, and Presentations:

- **Guest Speaker:** The Society for Industrial and Applied Mathematics (SIAM) at Texas State University, Fall 2025.

G. Grant and Contracts:

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

IV: SERVICE**A. Institutional****1. University and College:**

- **Volunteer and Participant:** **Julia Robinson Math Festival at the San Marcos Public Library**, April 2024-2026. It's a vibrant celebration that will showcase the fun and applicability of mathematics in our daily lives. Hosted by the Texas State University chapter of the Society for Industrial and Applied Mathematics (SIAM), in collaboration with the Department of Mathematics and the San Marcos Public Library. The festival aims to bridge the gap between the university and our local community. I was assigned the activity of "Connect the Dots" from 2-4pm.
- **Poster Judge and Participant:** **2026 TXST STEM Conference**, Texas State University, Mar.27, 2026. The 2026 theme — *"From Lab to Landscape: Building a Bigger, Better Texas"* — highlights how TXST's interdisciplinary research and partnerships are advancing solutions across a wide range of fields, including clean energy, artificial intelligence, advanced manufacturing, water management, sustainable agriculture, and health resiliency — among many others shaping Texas' future. In alignment with the State of Texas' "Bigger. Better. Texas." Economic Development Plan, the conference emphasizes how university-driven discovery is fostering innovation, workforce development, and economic strength across the state.

- **Participant:** **2025 Innovative Educators Virtual Summit**, Oct. 23-24, 2025. Educators share new ideas and evidence-based approaches for building connection, belonging, and engagement in higher education classroom.
- **Donor:** Support Bobcats Giving: Faculty and Staff giving, from 2019- present.

2. Department:

A. Committees:

- **Faculty Member:** Department Award Committee, from 2023- present.
- **Faculty Member:** Listening Committee, from 2023- present.
- **Faculty Member:** Teaching Forum for online Sections.
- **Co-Leader:** Math2472 Calculus II Teaching Forum, from 2024-present
- **Faculty Member:** Math1329 Business Math II Teaching Forum, from 2021- present.
- **Faculty Member:** Talk Math to Me Seminars, from 2024- present.
- **Faculty Member:** Integration Bee Activity, from 2024- present.
- **Organizer Member:** Mathematics & Statistics Awareness Month Series, Department of Mathematics, Texas State University, Fall 2025- present.

Math Department Seminars: I usually attend the following Seminars as my schedule allows:

- **Member:** Machine Learning Seminars, Math dept. Texas State University.
- **Member:** Math Ed Seminars, Math dept. Texas State University.
- **Member:** Topology Seminars, Math dept. Texas State University.
- **Member:** Statistic Seminars, Math Dept., Texas State University.
- **Member:** Talk Math to Me.
- **Member:** Integration Bee.

Other Department Activities:

- **Volunteer and Participant:** Julia Robinson Math Festival at the San Marcos Public Library, April 2024-2026.
- **Poster Judge and Participant:** TXST STEM Conference, Texas State University, March 2024- 2026.
- **Online Course Organizer:** I am working on organizing an online Calculus II course with an instructional Designer from the university for the purpose of certifying the course through USDL (Distance Learning) and QM (Quality Matters) organizations.
- **Co-Leader:** 2024- 2026 Calculus II Bootcamps. Me and other Co-Leaders of the Calculus II Teaching forum work together as a team to run bootcamps during each semester. I usually help generate the flyer, build more questions for students to practice during the bootcamps on Partial fractions Integration techniques, Center of Mass problems, and three different types of series test for convergence. These bootcamps help students have better understanding of the material introduced during the semester.
- **Faculty Member:** Association for Women in Mathematics, 2024-2025.
- **Faculty Member:** Pi Mu Epsilon (Texas Rho Chapter), Texas State University, 2023- present.
- **Faculty Member and Volunteer:** Calculus Bee Volunteer in generating new package of integral problems with their solutions and help in running the activity and taking pictures of the event, 2022- present.
- **Organizer Member:** Mathematics & Statistics Awareness Month Series, Department of Mathematics, Texas State University, Fall 2025- present.
- **Volunteer Substitute Lecture:** I volunteered my time to substitute for other faculty when needed. For my Precalculus TA (Heather Bruch) during her sick leave to run the lab for 2 weeks until replacing her with another TA (Sasha Gonzalez).
- **Participant:** Participate in all Faculty meetings.
- **Attending Hooding and Honor Cord Graduation Commencement Ceremony:** The Hooding and Honor Cord Graduation Commencement Ceremony, holds twice yearly and we are required to participate in at least one of the events either in Fall or Spring semester.
- **Donor:** Miscellaneous donations for Department of Mathematics students.

B. Professional:

- **Member:** The American Mathematical Society (AMS), 2006- present.
- **Member:** The National Association of Professional Women (NAPW), 2011-present.

C. Community:

- **Gear Up program-CISD**, for supporting the Gear up program at San Marcos High School, Nov. 2021- present.
- **Donation:** Miscellaneous donations for Math students and other research programs, 2019-Present.

D. Service Honors and Awards:

- **Reviewer:** Action in Teacher Education Journal, 2022- Present.
- **Reviewer:** Journal of Latinos in Education, 2021- Present.
- **Reviewer:** Journal of STEM Educational Research, 2018- Present.
- **Quality Matters (QM) Member:** Certified Peer Reviewer and member of international Quality Matters organization, 2013- present.

E. Service Grants and Contracts**1.Funded External Service Grants and Contracts:**

- **Co-Project Director/Co-Principal Investigator:** STEP into the STEM Field (STEM Field), National Institute of Food and Agriculture, Texas A & M International University, (\$150,000), 2018-2022.