Dr. Sahika Sahan

Texas State University
Assistant Professor
Dept of Information Systems & Analytics
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Professional Positions

Assistant Professor, Texas State University. (September 1, 2023 - Present).

Graduate Teaching Assistant / Instructor, Olin Business School at Washington University in St. Louis. (August 2019 - May 2023).

Lecturer, Missouri University of Science and Technology. (August 2017 - May 2018).

Adjunct Lecturer, Columbia College. (August 2016 - May 2017).

Graduate Teaching Assistant, Missouri University of Science and Technology. (January 2013 - May 2017).

Education

PHD, Washington Univ in St. Louis, 2024.
Major: Business Administration

PHD, Missouri Univ of Science and Tech, 2017.
Major: Mathematics

MS, Missouri Univ of Science and Tech, 2014.
Major: Applied Mathematics

Licensures and Certifications

Teaching Online at Texas State University, Eryn Berger. (August 2025 - Present).

Professional Memberships

Manufacturing & Service Operations Management. (January 2024 - Present).

The INFORMS Revenue Management and Pricing Section. (September 2019 - Present).

Production and Operations Management Society. (2019 - Present).

The Institute for Operations Research and the Management Sciences. (September 2018 - Present).

Awards and Honors

First Generation Community Recognition, First Generation Community. (May 2025).

Publications

Charatonik, W. J., & Sahan, S. (2021). Menger curve as inverse limit. *Topology and Its Applications*, *304*.

Charatonik, W. J., & Sahan, S. (2019). Zero-Dimensional Spaces Homeomorphic to Their Cartesian Squares. *Houston Journal of Mathematics*, *45*, 601–608.

Charatonik, W. J., & Sahan, S. (2016). Inverse limits with bonding functions whose graphs are connected. *Topology and Its Applications*, *210*, 16–21.

Presentations

Sahan, S., Max Morais, H. M., 2025 INFORMS Annual Meeting, "Assortment Planning and Free Shipping Strategies Under the Multinomial Logit Choice Model," Atlanta, GA, United States. (October 2025).

Sahan Konur, S. (Presenter), Max Morais, H. M. (Coauthor), POMS 2025 Annual Conference, "Assortment Planning with Free Shipping under MNL Choice Model," Atlanta, GA, United States. (May 8, 2025).

Max Morais, H. M. (Presenter), Sahan Konur, S. (Author), 2024 INFORMS Annual Meeting, "Optimal Assortment and Free Shipping Strategies: A Comparative Study," Seattle, WA, United States. (October 30, 2024).

Sahan Konur, S. (Presenter), 2024 INFORMS Annual Meeting, "Bulk vs. Sequential Product Returns: Algorithms and Insights for Assortment Planning," Seattle, WA, United States. (October 20, 2024).

Sahan Konur, S. (Presenter), INFORMS MSOM (Manufacturing and Service Operations Management) 2024, "Bulk vs. Sequential Product Returns: Algorithms and Insights for Assortment Planning," University of Minnesota, Minneapolis, MN, United States. (June 30, 2024).

Sahan Konur, S. (Presenter and Author), Feldman, J. B. (Author), 2023 INFORMS Annual Meeting, "Pricing and Assortment Optimization Under a Model with Bulk Returns," Phoenix, United States. (October 17, 2023).

Sahan Konur, S. (Presenter and Author), ISEN Seminar, "Pricing and Assortment Optimization Under a Model with Bulk Returns," Department of Industrial & Systems Engineering, Texas A&M, College Station, TX, United States. (September 29, 2023).

Contract, Fellowships, Grants and Sponsored Research

Sahan Konur, S. (Principal), "2025 McCoy College Dean's Summer Research Stipends," Sponsored by McCoy College of Business, Texas State University, $8,000.00. (June 2025 - September 2025).

Sahan Konur, S., "McCoy Faculty Development Funding," Sponsored by McCoy College of Business, Texas State University, $3,734.00. (September 2024 - August 2025).

Sahan Konur, S., "2024 Research Enhancement Grant," Sponsored by Texas State University Division of Research, Texas State University, $8,000.00. (January 2024 - May 31, 2025).

Sahan Konur, S., "McCoy Faculty Development Funding," Sponsored by McCoy College of Business, $2,000.00. (September 2023 - August 2024).

Teaching Experience

ANLY 2333, section 021, BUSINESS STATISTICS. 3.00 credit hours.

ANLY 5338, section A21, OPERATIONS MANAGEMENT. 3.00 credit hours.

ANLY 5335, section 254, FORECASTING & SIMULATION. 3 credit hours. 19 enrolled.

ANLY 5335, section R01, FORECASTING & SIMULATION. 3 credit hours. 5 enrolled.

ANLY 5335, section 251, FORECASTING & SIMULATION. 3.00 credit hours. 11 enrolled.

ANLY 5335, section 254, FORECASTING & SIMULATION. 3.00 credit hours. 15 enrolled.

ANLY 5332, section 001, OPTIMIZATION FOR BIZ ANALYTICS. 3.00 credit hours. 11 enrolled.

ANLY 5332, section 002, OPTIMIZATION FOR BIZ ANALYTICS. 3.00 credit hours. 14 enrolled.

QMST 5335, section 251, FORECAST & SIM. 3 credit hours. 24 enrolled.

QMST 5335, section 253, FORECAST & SIM. 3 credit hours. 21 enrolled.

QMST 5332, section 001, OPTIMIZATION. 3 credit hours. 17 enrolled.

QMST 5332, section 003, OPTIMIZATION. 3 credit hours. 24 enrolled.

Faculty Development Activities Attended

Webinar, "Mathematical Programming and the Buzzword Jungle," Gurobi Optimization, United States. (April 23, 2025).

Conference Attendance, "2023 INFORMS Annual Meeting," INFROMS, Phoenix, AZ. (October 15, 2023 - October 18, 2023).

Seminar, "ISEN Seminar," Department of Industrial & Systems Engineering, Texas A&M, College Station, TX. (September 2023).

University Service

Member, Faculty Search Committee. (September 2024 - Present).

Participant, 2024 Fall Graduate Hooding Ceremony. (December 2024).

Participant, 2024 Fall Graduation Ceremony. (December 2024).

Member, MSDAIS Exit Exams (Fall 2024). (November 2024).

Participant, 2023 Fall Graduation Ceremony. (December 2023).

Professional Service

Reviewer / Referee, International Journal of Production Economics. (May 2024 - September 2024).

Reviewer / Referee, European Journal of Operational Research. (September 2023 - November 2023).