Dr. Francis A. Mendez

Texas State University
McCoy College of Business
Dept of Information Systems & Analytics
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Institutions of Higher Education Attended

MBA, Rutgers State Univ of NJ Newark.

PHD, Rutgers State Univ of NJ Newark.

MBA, Univ of Puerto Rico - Rio Piedras.

BBA, Univ of Puerto Rico - Rio Piedras.

Previous Teaching Positions

Fellow, Texas State University. (May 2022 - Present).

Professor, Texas State University. (August 26, 2016 - Present).

Associate Doctoral Faculty, Material Science, Engineering & Commercialization, Texas State University. (November 2013 - Present).

Dean Paul R. Gowens Excellence Professorship in Business Administration, Texas State UniversityMcCoy College of Business, (January 2019 - January 2022).

Adjunct Doctoral - Courtesy Graduate Faculty, Texas State University. (May 2017 - May 2020).

Associate Professor of Statistics, Texas State University - San Marcos. (August 1, 2011 - August 26, 2016).

Assistant Professor of Statistics, Texas State University – San Marcos. (September 1, 2005 - August 1, 2011).

Instructor, Statistics and Operations Management, Rutgers University. (2001 - 2004).

Significant Professional Works

Conference Proceedings

Sharotry, A., Jimenez, J., Mendez, F. A. (in press). Operationalizing Human Digital Twins: A Retrospective Synthesis. Paper presented at IFAC World Congress 2026, Busan, Republic of Korea, August 23-28, 2026.

Vyas, S., Vyas, C., Sharotry, A., Jimenez, J., Qasem, A. M., Mendez, F. A. (2025). Human Activity Recognition in MMH: Pilot Study on Lifting and Lowering Classification. Paper presented at 11th IFAC Conference on Manufacturing Modelling, Management and Control}.

Zhang, P., Mendez, F. A., Wierschem, D. C. (in press). An Analysis of CEO Turnover Effect on Firm Performance by Industry: The Moderating Role of Incoming CEO and TMT Characteristics. Paper presented at 55th Annual Southwest Decision Sciences Institute (SWDSI) Conference 2026, Dallas, TX, March 18-21, 2026.

Liron, A., Jimenez, J., Mendez, F. A., Sharotry, A. Interval-Based Estimation of Generalization Accuracy in Supervised Learning via Confusion Matrix Resampling and Bayesian Inference. Paper presented at 5th International Conference on AI in Cybersecurity (ICAIC), University of Houston, Houston, Texas, USA, 18 February - 20 February 2026.

Refereed Journal Articles

Perez, E., *Joshi, A., *Saha, S., Mendez, F. A. (2025). A Stochastic Programming Model for Trauma Hospital Network Expansion considering Rural Communities and COVID-19. *Health Care Management Sciences, 28*(4), 672-690.