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Current Employment

- Associate Professor of Information Systems and Operations Management, Warrington College of Business, University of Florida, August 2024 – Current.

Previous Positions and Employment

- Assistant Professor of Information Systems and Operations Management, Warrington College of Business, University of Florida, August 2017 – August 2024.
- Assistant Professor of Operations and Supply Chain Management, School of Management, Binghamton University SUNY, August 2013 – August 2017.

Education

- Information and Operations Management Department, Mays Business School, Texas A&M University, PhD, Operations Management, August 2013.
- Bogazici University, Istanbul, Turkey
 - Master of Science, Industrial Engineering 2008 & Bachelor of Science, Industrial Engineering 2006.

Areas of Interest

- Platforms, healthcare information systems and management, value co-creation, contracts, coordination, electronic business.

Journal Publications

Zhang, L., E. M. Demirezen, S. Kumar. (Forthcoming). How to Make My Bug Bounty Cost-Effective: A Game-Theoretic Analysis. *Information Systems Research*.

Mallipeddi, M., E. Demirezen, S. Kumar, R. Gopal. (Forthcoming). Dynamics of Competition on Openness Strategies and Software Maintenance. *MISQ*.

- Best Paper Nomination at the INFORMS eBusiness Best Paper Award, Houston, TX, October 2017

Terekhov, M., E. M. Demirezen, H. Aytug. 2024. Business Analytics: Emerging Practice and Research Issues in the Healthcare Insurance Industry. *Production and Operations Management*. 33(2):432-455.

Garg, A., E. M. Demirezen, K. Dogan, H. K. Cheng. 2024. Financial Sustainability of IoT Platforms: The Role of Quality and Security. *Production and Operations Management*. 33(2):412-431.

- Best Interdisciplinary Paper Award Winner, 2020 DSI Annual Meeting

Janakiraman, R., E. Park, E. M. Demirezen, S. Kumar. 2023. The Effects of Health Information Exchange Access on Healthcare Quality and Efficiency: An Empirical Investigation. *Management Science*, 69(2):791-811.

- Featured at Fox 29, EHRIntelligence, 2017; Healthcare Informatics, 2017; Healthcare IT News, 2017; HIPAA Journal Online, 2017; EHR Watch, 2017; Pharma & Healthcare Monitor Worldwide, 2017; Binghamton Now Radio Show at WNBF, 2017; About Health Transparency, 2017; New York City High Tech News, 2017; Bio Medicine, 2017; PR Web, 2017; Press Release Rocket, 2017; News Dog, 2017; San Antonio Express-News, 2017; SeattlePI.com, 2017; Benzinga, 2017; Daily Herald – Cook

- County Online, 2017; University Chronicle, 2017; News West 9, 2017.
- Featured also at more than 30 other outlets.
- Vedantam, A., E. M. Demirezen, S. Kumar. 2021. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. *Production and Operations Management*, 20(11):3923-3942.
- [“Going green — or greenwashing?”](#) University of Buffalo School of Management News Release, November 10, 2021.
 - Finalist for the Service Science Best Paper Award at the INFORMS Annual Conference, 2021.
- Atasoy, H., E. M. Demirezen, P-Y Chen. 2021. Impacts of Patient Characteristics and Care Fragmentation on the Value of HIEs. *Production and Operations Management*, 30(2):563-583.
- Demirezen, E. M., S. Kumar, B. Shetty. 2020. Two is better than one: A dynamic analysis of value co-creation. *Production and Operations Management*, 29(9):2057-2076.
- Nominated to Best Paper and Best Student Paper Awards at the Conference on Information Systems and Technology (CIST) at INFORMS, 2011.
 - Best Theoretical/Empirical Research Award at the DSI Annual Meeting, 2012.
 - Distinguished Track Paper at the New Talent Showcase at the DSI Annual Meeting, 2012.
- Demirezen, E. M., S. Kumar, A. Sen. 2016. Sustainability of Healthcare Information Exchanges: A Game-Theoretic Approach. *Information Systems Research*, 27(2):240-258.
- Finalist at the Best Paper Competition of the College of Healthcare Operations Management at the Production and Operations Management (POM) Conference, 2016.
 - Featured at the SUNY Binghamton Magazine, Fall 2016, pp. 6–9.
- Demirezen, E. M., S. Kumar. 2016. Optimization of Recommender Systems Based on Inventory. *Production and Operations Management*, 25(4):593-608.
- Appeared as the lead article
- Demirezen, E. M., S. Kumar, B. Shetty. 2016. Managing Co-Creation in Information Technology Projects: A Differential Games Approach. *Information Systems Research*, 27(3):517-537.

Papers Under Review

- Demirezen, E. M., H. Atasoy, A. Jain, S. Kumar. Impact of Health Information Exchanges on Lab Test Orders: An Empirical Investigation. *Invited to 3rd Round Revision, Information Systems Research*.
- Jain, D., S. Jonnalagedda, E. M. Demirezen, S. Kumar. Response to Entry in Streaming Markets: A Game-Theoretic Approach. *Invited to 3rd Round Revision, Information Systems Research*
- Terekhov, M., E. M. Demirezen, H. Aytug. Value of Telehealth: An Empirical Investigation. *Invited to 2nd Round Revision, Journal of Operations Management*.

Working Papers

- Vedantam, A., E. M. Demirezen, S. Kumar. Association Between Editor-in Chief Tenure and Research Rankings.
- Demirezen, E. M., S. Kumar, N. Gautam. Retail Store Staffing under Competition: A Queuing Approach.
- Demirezen, E. M., O. Karanfil, Y. Barlas, S. Kumar. A Simulation Model for Bloodcholesterol Dynamics and Related Disorders.
- Dong, Z., E. M. Demirezen, S. Kumar. Sustainability of Non-Profit User-Generated Content Platforms: The Role of Content Creation and Donations.

- Guha, S., E. M. Demirezen, S. Kumar. Give Uber and Lyft a Ride: Journey From Ride Hailing to Mobility as a Service (MaaS) Platforms.
- Liu, D., E. M. Demirezen, S. Kumar. Public versus Private Warnings: Should You Find Your Megaphone or Keep Silent? Implications for the Strategic Attacker–Defender Problem.
- Mallipeddi, M., T. Rajapakshe, E. M. Demirezen. Are You In or Out? The Impact of Health Information Exchanges on Hospital Competitiveness.
- Petryk, M., A. Vedantam, E. M. Demirezen. Rent or Resale? Analysis of P2P Rental Platforms and Resale Models.
- Shahsavari, M., E. M. Demirezen, S. Kumar. Service Differentiation in Ride-Hailing in a Competitive Environment.
- Vedantam, A., E. M. Demirezen, S. Kumar. Quality Curation or Not: An Analysis of P2P Resale Marketplaces.

Teaching Experience

- Instructor, Warrington College of Business, University of Florida, for:
ISM 6485: Electronic Commerce & Logistics – Spring 23, Spring 24
ISM 6257: Intermediate Business Programming – Fall 17, Fall 18, Fall 19
ISM 6423: Data Analysis & Decision Support – Spring 18
QMB 6756: Managerial Quantitative Analysis II– Fall 19, Fall 20, Spring 21, Fall 21, Spring 22, Spring 23, Fall 23, Spring 24
QMB 7933: Information Systems PhD Seminar – Spring 19, Spring 22
- Instructor, School of Management, Binghamton University SUNY, for:
MGM 589: Statistical Analysis & Data Mining – Professional MBA Course – Spring 16, Spring 15
SCM 560: Decision Modeling & Risk Analysis – MBA Course – Spring 16, Spring 15, Fall 13
SCM 360: Spreadsheet Modeling & Decision Making–Undergrad. Course – Spring 16, Fall 13
SCM 580: Data Mining & Business Intelligence – MBA Course – Fall 16, Fall 15, Fall 14, Spring 14
SCM 480: Business Intelligence & Analytics – Undergrad. Course – Fall 16, Fall 15, Fall 14, Spr. 14
SCM 581: Advanced Modelling for Decision Making – MBA Course – Spring 15
- Instructor, Mays Business School, Texas A&M University, for:
INFO 364: Operations Management – Spring 11, Fall 11

Awards, Honors, and Fellowships

- Finalist for the Service Science Best Paper Award at the INFORMS Annual Conference, 2021.
- Best Interdisciplinary Paper Award Winner, 2020 DSI Annual Meeting.
- Service Award, Information Systems Society, 2019.
- Best Reviewer Award, Production and Operations Management Journal, 2018.
- Best Paper Nomination at the INFORMS eBusiness Best Paper Award, Houston, TX, October 2017
- Finalist at the Best Paper Competition of the College of Healthcare Operations Management at the Production and Operations Management (POM) Conference, 2016.
- George W. Kunze Endowed Graduate Award, 2013, Texas A&M University.
- Doctoral Award for Outstanding Research, 2013, Texas A&M University.
- Best Theoretical/Empirical Research Award Winner, 2012 DSI Annual Meeting.

- Distinguished Track Paper at the New Talent Showcase, 2012 DSI Annual Meeting.
- Nominee: Best Paper and Best Student Paper Awards at the Conference on Information Systems and Technology (CIST) at INFORMS, 2011.
- INFORMS Future Academician Colloquium, 2012.
- DSI Doctoral Consortium, 2012.
- POMS Doctoral Consortium, 2011.
- Lupina Young Researchers Award, 2009 (\$2,500).
- Mays Business School Graduate Assistantship, 2008 – 2013, (\$116,000).
- Mays Doctoral Excellence Fellowship, 2008 – 2013, (\$25,000).
- Summer Research Grant from Dean's Office at Mays Business School, 2011–2012, (\$4,000).
- The Scientific and Technological Research Council of Turkey (TUBITAK) Merit-Based Fellowship for Graduate Students, 2006 – 2008, (\$25,000).
- Bogazici University Fellowship for Graduate Students, 2006 – 2008.

Recent Invited Talks

- E. M. Demirezen. Individualization of Health Intervention Programs. 2024. *Cambridge University, United Kingdom*.
- E. M. Demirezen. Trade-in Models in Circular Economy. 2024. *UCL, United Kingdom*.
- E. M. Demirezen. Paper Writing Workshop. 2024. *Queen Mary University of London, United Kingdom*.
- Vedantam, A., E. M. Demirezen, S. Kumar. 2021. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. *Business-Economics-Law University of Florida Interdisciplinary Internal Faculty Workshop*.
- Vedantam, A., E. M. Demirezen, S. Kumar. 2020. Trade-In or Sell in My P2P Marketplace: A Game-Theoretic Analysis of Profit and Environmental Impact. *Consortium Virtual Friday Seminar Series. Collaboration of 18 Universities*.

Refereed Conference Proceedings

- Vedantam, A., E. M. Demirezen, S. Kumar. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. 2021. *MSOM Conference, Indiana University, Online*.
- Garg, A., E. M. Demirezen, K. Dogan, H. K. Cheng. 2021. IOT Platform Dynamics: Implications on Quality and Security. *DSI Annual Meeting, Online*.
- **Best Interdisciplinary Paper Award Winner**
- Vedantam, A., E. M. Demirezen, S. Kumar. 2020. Manufacturer Trade-ins and Peer-to-Peer Online Marketplace for Durable Goods. *Conference on Information Systems and Technology (CIST) at INFORMS, Online*.
- Guha, S., E. M. Demirezen, S. Kumar. 2019. Dynamics of Competition on Ride Hailing Platforms: A Differential Games Approach. *Conference on Information Systems and Technology (CIST) at INFORMS, Seattle, WA*.
- Jain, A., E. M. Demirezen, S. Kumar. 2019. Impact of Healthcare Information Exchange Use on Repeat Procedures and Lab Tests. *Conference on Information Systems and Technology (CIST) at INFORMS, Seattle, WA*.

- Atasoy, H., E. M. Demirezen, P-Y Chen. 2017. The Value of Health Information Exchange Use on Chronic Disease Management: An Empirical Investigation. *Workshop on Information Systems and Economics (WISE)*, Seoul, Korea.
- Demirezen, E. M., R. Janakiraman, E. Park, S. Kumar. 2017. Share Your Health Information and Help Me Save Your Life: Effects of HIE Use on Healthcare Outcomes – An Empirical Investigation. *Conference on Information Systems and Technology (CIST) at INFORMS*, Houston, TX.
- Demirezen, E. M., R. Mallipeddi, S. Kumar, R. Gopal. 2016. Effects of Openness on the Development and Maintenance of Software. *Workshop on Information Systems and Economics (WISE)*, Dallas, TX.
- Demirezen, E. M., R. Mallipeddi, S. Kumar, R. Gopal. 2015. Effects of Open Source Software on Software Development and Maintenance. Poster Session. *Workshop on Information Technologies and Systems (WITS)*, Dallas, TX.
- Demirezen, E. M., R. Mallipeddi, S. Kumar, R. Gopal. 2015. Effects of Open Source Software on Software Development and Maintenance. *Conference on Information Systems and Technology (CIST) at INFORMS*, Philadelphia, PA.
- Demirezen, E. M., S. Kumar, A. Sen. 2014. Sustainability of Healthcare Information Exchanges: A Network Externalities Approach. *Workshop on Information Technologies and Systems (WITS)*, Auckland, New Zealand.
- Demirezen, E. M., S. Kumar, A. Sen. 2014. Sustainability of Healthcare Information Exchanges. *Conference on Information Systems and Technology (CIST) at INFORMS*, San Francisco, CA.
- Demirezen, E. M., S. Kumar, B. Shetty. 2013. Value Co-Creation in IT Outsourcing and Software Development. *Conference on Information Systems and Technology (CIST) at INFORMS*, Minneapolis, MN.
- Demirezen, E. M., S. Kumar, A. Sen. 2013. A Game-Theoretic Analysis of Healthcare Information Exchanges. *Conference on Information Systems and Technology (CIST) at INFORMS*, Minneapolis, MN.
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Production and Co-Creation of Value: A Differential Games Approach. Poster Session. *Workshop on Information Systems and Economics (WISE)*, Orlando, FL.
- Demirezen, E. M., S. Kumar, A. Sen. 2012. Healthcare Information Exchanges: A Game Theoretic Approach. *Workshop on Information Technologies and Systems (WITS)*, Orlando, FL.
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Creation of Value: A Differential Games Approach. *DSI Annual Meeting*, San Francisco, CA.
- **Best Theoretical/Empirical Research Award**
 - **Distinguished Track Paper at the New Talent Showcase**
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Production and Co-Creation of Value: A Differential Games Approach. *Hawaii International Conference on System Sciences (HICSS)*, Maui, HI.
- Demirezen, E. M., B. Shetty. 2011. Supplier Selection Problem: A Differential Games Approach. *Conference on Information Systems and Technology (CIST) at INFORMS*, Charlotte, NC.
- **Nominated to Best Paper and Best Student Paper Awards).**
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Optimizing Recommender System Based on Inventory: A Dynamic Approach. *Workshop on Information Technologies and Systems (WITS)*, St. Louis, MO, pp. 92-97.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Impact of Inventory Status on the Recommender System for DVD Rentals. *Conference on Information Systems and Technology (CIST) at INFORMS*, Austin, TX.

- Demirezen, E. M., Y. Barlas. 2009. A Simulation Model for Blood Cholesterol Dynamics and Related Disorders. *Proceedings of 27th International Conference of System Dynamics Society*, Albuquerque, NM.
- Received Lupina Young Researcher Award and a Check of \$2,500

Conference Presentations (*Presenting Author, if not self)

- Vedantam, A.*, E. M. Demirezen, S. Kumar. Should I Curate or Not: A Game-theoretic Analysis of P2P Resale Marketplaces. 2024. *Conference of Production and Operations Management Society, Minneapolis, MN.*
- Dong, Z.*, E. M. Demirezen, S. Kumar. Sustainability of Non-profit UGC Platforms: The Role of Content Creation and Donations. 2023. *Conference of Production and Operations Management Society, Orlando, FL.*
- Guha, S., E. M. Demirezen, S. Kumar. Give Uber and Lyft a Ride: Ride-Hailing to Mobility as a Service (MaaS) Platforms. 2023. *Conference of Production and Operations Management Society, Orlando, FL.*
- Shahsavari, M.*, S. Kumar, E. M. Demirezen. Quick Ride or Lower Fee? Price and Waiting-time Differentiation in Ride-Hailing Platforms. 2023. *Conference of Production and Operations Management Society, Orlando, FL.*
- Vedantam, A.*, E. M. Demirezen, S. Kumar. Should I Curate by Quality or Not? A Game-theoretic Analysis of P2P Resale Marketplaces. 2022. *INFORMS Annual Conference, Indianapolis, IN.*
- Shahsavari, M.*, S. Kumar, E. M. Demirezen. Who Should Surge the Price, Consumer or Platform? Price and Waiting-time Differentiation in Ride Hailing. 2022. *Conference of Production and Operations Management Society, Online.*
- Garg, A., E. M. Demirezen, K. Dogan, H. K. Cheng. IoT Platforms and Applications: Role of Collaboration. 2022. *Conference of Production and Operations Management Society, Online.*
- Dong, Z.*, E. M. Demirezen, S. Kumar. Sustainability of Non-profit UGC Platforms: The Role of Content Creation and Donations. 2022. *Conference of Production and Operations Management Society, Online.*
- Dong, Z.*, E. M. Demirezen, S. Kumar. Financial Sustainability of Non-profit UGC Platforms: The Role of Content Creation and Donations. 2021. *INFORMS Annual Conference, Online.*
- Vedantam, A.*, E. M. Demirezen, S. Kumar. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. 2021. *MSOM Conference, Indiana University, Online.*
- Vedantam, A.*, E. M. Demirezen, S. Kumar. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. 2021. *Service Science Best Cluster Paper Competition (I), INFORMS, Online.*
- Vedantam, A.*, E. M. Demirezen, S. Kumar. Trade-In or Sell in My P2P Marketplace: A Game Theoretic Analysis of Profit and Environmental Impact. 2021. *Collaborative Decision-making in Value Chains, Sponsored Session (MSOM/Supply Chain), INFORMS, Online.*
- Vedantam, A., E. M. Demirezen, S. Kumar. Manufacturer Trade-ins and Peer-to-Peer Online Marketplace for Durable Goods. 2020. *Conference on Information Systems and Technology (CIST) at INFORMS, Online.*
- Dong, Z.*, E. M. Demirezen, S. Kumar. 2020. Implications of User Generated Content and Donations in Knowledge Creation: The Story of Wikipedia. *DSI Annual Meeting, Online.*
- Guha, S.*, E. M. Demirezen, S. Kumar. Dynamics of Competition on Ride Hailing Platforms: A Differential Games Approach. 2019. *Conference on Information Systems and Technology (CIST) at INFORMS, Seattle, WA.*
- Jain, A., E. M. Demirezen, S. Kumar. 2019. Impact of Healthcare Information Exchange Use on Repeat Procedures and Lab Tests. *Conference on Information Systems and Technology (CIST) at INFORMS, Seattle, WA.*

- Atasoy, H.*, E. M. Demirezen, P-Y Chen. 2017. The Value of Health Information Exchange Use on Chronic Disease Management: An Empirical Investigation. *Workshop on Information Systems and Economics (WISE)*, Seoul, Korea.
- Demirezen, E. M., R. Janakiraman*, E. Park, S. Kumar. 2017. Share Your Health Information and Help Me Save Your Life: Effects of HIE Use on Healthcare Outcomes – An Empirical Investigation. *Conference on Information Systems and Technology (CIST) at INFORMS*, Houston, TX.
- Demirezen, E. M., R. Mallipeddi*, S. Kumar, R. Gopal. 2016. How Much to Open, How Fast to Fix and Develop? Impacts of Openness on Software Development and Maintenance. *INFORMS Annual Conference*, Nashville, TN.
- Demirezen, E. M., R. Janakiraman, E. Park, S. Kumar. 2016. Share Your Health Information and Help Me Save Your Life: Effects of HIE Use on Healthcare Outcomes – An Empirical Investigation. *INFORMS Annual Conference*, Nashville, TN.
- Demirezen, E. M., R. Janakiraman, E. Park, S. Kumar. 2016. Share Your Health Information and Help Me Save Your Life: Effects of HIE Use on Healthcare Outcomes – An Empirical Investigation. *DSI Annual Meeting*, Austin, TX.
- Demirezen, E. M., S. Kumar, A. Sen. 2016. Double-Sided Network Externalities in Healthcare Information Exchanges. *Conference of Production and Operations Management Society (POMS)*, Orlando, FL.
- **Finalist at the Best Paper Competition of the College of Healthcare Operations Management**
- Demirezen, E. M., R. Mallipeddi*, S. Kumar, R. Gopal. 2016. Effects of Openness on the Development and Maintenance of Software. *Conference of Production and Operations Management Society (POMS)*, Orlando, FL.
- Demirezen, E. M., R. Mallipeddi*, S. Kumar, R. Gopal. 2015. Effects of Openness on the Development and Maintenance of Software. *Workshop on Information Systems and Economics (WISE)*, Dallas, TX.
- Demirezen, E. M., R. Mallipeddi*, S. Kumar, R. Gopal. 2015. Effects of Open Source Software on Software Development and Maintenance. Poster Session. *Workshop on Information Technologies and Systems (WITS)*, Dallas, TX.
- Demirezen, E. M., R. Janakiraman, S. Kumar. 2015. The Impacts of Healthcare Information Exchanges: An Empirical Investigation. *INFORMS Annual Conference*, Philadelphia, PA.
- Demirezen, E. M., R. Mallipeddi*, S. Kumar, R. Gopal. 2015. Effects of Open Source Software on Software Development and Maintenance. *Conference on Information Systems and Technology (CIST) at INFORMS*, Philadelphia, PA.
- Demirezen, E. M., S. Kumar, A. Sen. 2015. A Study on Sustainability of Healthcare Information Exchanges. *Conference of Production and Operations Management Society (POMS)*, Washington, DC.
- Demirezen, E. M., S. Kumar*, A. Sen. 2014. Sustainability of Healthcare Information Exchanges: A Network Externalities Approach. *Workshop on Information Systems and Economics (WISE)*, Auckland, New Zealand.
- Demirezen, E. M., S. Kumar*, A. Sen. 2014. Sustainability of Healthcare Information Exchanges: A Network Externalities Approach. *Workshop on Information Technologies and Systems (WITS)*, Auckland, New Zealand.
- Demirezen, E. M., S. Kumar, A. Sen. 2014. Sustainability of Healthcare Information Exchanges. *Conference on Information Systems and Technology (CIST) at INFORMS*, San Francisco, CA.
- Demirezen, E. M., S. Kumar, A. Sen. 2014. Sustainability of Healthcare Information Exchanges. *INFORMS Annual Conference*, San Francisco, CA.

- Demirezen, E. M., S. Kumar, Michael Pinedo, C. Sriskandarajah. 2014. Operating Rooms Scheduling with Uncertain Surgery Times. *Conference of Production and Operations Management Society (POMS)*, Atlanta, GA.
- Demirezen, E. M., S. Kumar, A. Sen. 2013. A Study on Sustainability of Healthcare Information Exchanges. *Conference of Production and Operations Management Society (POMS)*, Atlanta, GA.
- Demirezen, E. M., S. Kumar, Michael Pinedo, C. Sriskandarajah. 2013. Scheduling Operating Rooms with Uncertain Surgery Times. *INFORMS Annual Conference*, Minneapolis, MN.
- Demirezen, E. M., S. Kumar, B. Shetty. 2013. Value Co-Creation in IT Outsourcing and Software Development. *Conference on Information Systems and Technology (CIST) at INFORMS*, Minneapolis, MN.
- Demirezen, E. M., S. Kumar, A. Sen. 2013. A Game-Theoretic Analysis of Healthcare Information Exchanges. *Conference on Information Systems and Technology (CIST) at INFORMS*, Minneapolis, MN.
- Demirezen, E. M., S. Kumar, A. Sen. 2012. Healthcare Information Exchanges: A Game Theoretic Approach. *Workshop on Information Technologies and Systems (WITS)*, Orlando, FL.
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Production and Co-Creation of Value: A Differential Games Approach. Poster Session. *Workshop on Information Systems and Economics (WISE)*, Orlando, FL.
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Production and Co-Creation of Value: A Differential Games Approach. *DSI Annual Meeting*, San Francisco, CA.
- Demirezen, E. M., S. Kumar, A. Sen. 2012. Healthcare Information Exchange and Interoperability: A Game Theory Approach. *INFORMS Annual Conference*, Phoenix, AZ.
- Demirezen, E. M., O. Perdikaki, S. Kumar, N. Gautam. 2012. Retail Store Staffing under Competition: A Queuing Approach. *INFORMS Annual Conference*, Phoenix, AZ.
- Demirezen, E. M. 2012. Impact of Inventory on Recommendation Systems. *INFORMS Annual Conference*, Phoenix, AZ.
- Demirezen, E. M., S. Kumar, B. Shetty. 2012. Co-Production and Co-Creation of Value: A Differential Games Approach. *Conference of Production and Operations Management Society (POMS)*, Chicago, IL.
- Demirezen, E. M., S. Kumar, B. Shetty. 2011. Supplier Selection Problem: A Differential Games Approach. *Conference on Information Systems and Technology (CIST) at INFORMS*, Charlotte, NC.
- Demirezen, E. M., S. Kumar, B. Shetty. 2011. Supplier Selection Problem: A Differential Games Approach. *INFORMS Annual Conference*, Charlotte, NC.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2011. Impact of Inventory Status on the Recommender Systems for Subscription Based Rental Systems. *Conference of Production and Operations Management Society (POMS)*, Reno, NV.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Optimizing Recommender System Based on Inventory: A Dynamic Approach. *Workshop on Information Technologies and Systems (WITS)*, St. Louis, MO.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Optimizing Recommender System Based on Inventory: A Dynamic Approach. *E-business Cluster of INFORMS Annual Conference*, Austin, TX.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Impact of Inventory Status on the Recommender System for DVD Rentals. *Conference on Information Systems and Technology (CIST) at INFORMS*, Austin, TX.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Optimizing Recommender System Based on Inventory: A Dynamic Approach. *INFORMS Annual Conference*, Austin, TX.
- Demirezen, E. M., S. Kumar, M. Dawande, V. S. Mookerjee. 2010. Impact of Inventory Status on Recommender Systems. *Conference of Society for Design and Process Science (SPDS)*, Dallas, TX.

Demirezen, E. M., Y. Barlas. 2009. A Simulation Model for Bloodcholesterol Dynamics and Related Disorders. *27th International Conference of System Dynamics Society*, Albuquerque, NM.

Programming Skills

- Python, R, SAS, Stata, Matlab, XLMiner, SQL, SPSS, Java, C++, Mathematica.

Teaching Training and Certificates

- Harvard Business Publishing
 - Teaching with Cases: Engage, Energize, and Challenge Your Students. 2023.

Services and Other Activities

- Senior Editor
 - Production and Operations Management (POM), 2017 – Present
- Associate Editor
 - International Conference on Information Systems (ICIS), 2021, 2022
- Production and Operations Management Society (POMS)
 - Vice-President, Africa & Middle East (Elected Position), 2022 – Present
 - Board Member (Society) (Elected Position), 2020 – 2021
 - Editorial Review Board, 2016 – Present
 - Education Committee Member, 2019 – 2020
- Panelist: eDebate Panelist at:
 - Production and Operations Management Society Annual Conference, 2024, Minneapolis, MN.
 - Production and Operations Management Society Annual Conference, 2023, Orlando, FL.
- University of Florida ISOM Seminar Series Organizer, 2018–2019
- University of Florida ISOM Workshop Organizer, 2019–2020
- Marshal for the University of Florida Convocation, 2017, 2018, 2022, 2023
- Webmaster, INFORMS Information Systems Society (ISS), 2016 – 2019
- Webmaster of Workshop on Information Technologies and Systems (WITS), 2015
- Guest Managing Editor at Information Systems Frontier
- Reviewer
 - Information Systems Research (ISR)
 - MIS Quarterly (MISQ)
 - Management Science (MS)
 - Manufacturing & Service Operations Management (MSOM)
 - Production and Operations Management (POM)
 - Decision Science
 - Conference on Information Systems and Technology (CIST)
 - Workshop on Information Technologies and Systems (WITS)

- Conference Chair
 - Production and Operations Management Society International Conference, 2024, Istanbul, Turkey.
- Conference Co-Chair
 - Production and Operations Management Society Annual Conference, 2025, Atlanta, GA.
 - Production and Operations Management Society Annual Conference, 2018, Houston, TX.
- Track Chair
 - Production and Operations Management Society Annual Conference: 2022 Online; 2023 Orlando, FL.
 - INFORMS Annual Conference, 2017, Houston, TX
 - INFORMS E-Business Cluster: 2018, Phoenix, AZ.
 - DSI Annual Conference: 2017, Washington, DC; 2018, Chicago, IL; 2019, New Orleans, LA.; 2022, Houston, TX.
- Program Committee Member
 - Workshop on Information Technologies and Systems (WITS), 2015, Dallas, TX.
 - Conference on Information Systems and Technology (CIST), 2011, Charlotte, NC.
- Session Chair
 - Production and Operations Management Annual Conference, 2016, Orlando, FL.
 - INFORMS Annual Conference, 2012, San Francisco, CA.
 - INFORMS Annual Conference, 2013, Minneapolis, MN.

Professional Affiliations

- Institute for Operations Research and the Management Sciences (INFORMS)
- Production and Operations Management Society (POMS)
- INFORMS Information System Society (ISS)
- INFORMS Health Application Society
- Decision Sciences Institute