

SANDUN PERERA

Associate Professor of Business Analytics and Operations
College of Business, The University of Nevada, Reno
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EDUCATION

Naveen Jindal School of Management, The University of Texas at Dallas

PhD in Operations Management, Summer 2015
Advisors: Ganesh Janakiraman and Suresh P. Sethi
MBA (with High Distinction) Summer 2014
MS in Supply Chain Management (with High Distinction) Fall 2012

Faculty of Economics, Business Administration and Information Technology, University of Zürich, Switzerland

PhD level courses in Finance and Economics

Charles E. Schmidt College of Science, Florida Atlantic University

PhD in Financial Mathematics, *Advisor: Hongwei Long* Summer 2009
MS in Mathematics Fall 2008
MS in Applied Mathematics and Statistics Summer 2007

Department of Mathematics, University of Colombo, Sri Lanka

BS in Finance, Business and Computational Mathematics (1st class honors) Summer 2004

PROFESSIONAL EXPERIENCE

Associate Professor, College of Business, The University of Nevada, Reno, July 2022–present.

Assistant Professor, College of Business, The University of Nevada, Reno, July 2019–June 2022.

Assistant Professor, School of Management, The Uni. of Michigan-Flint, Sep 2015–June 2019.

Affiliated Faculty, Michigan Institute of Data Sciences (MIDAS), The University of Michigan-Ann Arbor, Sep 2015–June 2019.

Graduate Teaching Assistant, Naveen Jindal School of Management, The University of Texas at Dallas, May 2010–Aug 2015.

Graduate Research Assistant, Faculty of Economics, Business Administration and Information Technology, University of Zürich, Switzerland, Aug 2009–May 2010.

Graduate Teaching Assistant, Charles E. Schmidt College of Science, Florida Atlantic University, Aug 2005–July 2009.

Assistant Lecturer, Department of Mathematics, University of Colombo, Sri Lanka, Jan 2005–July 2005.

Mathematics Instructor, Department of Mathematics, University of Colombo, Sri Lanka, Sep 2004–Dec 2004.

INTEREST

Disruptive Technologies in Operations Management, Healthcare Operations Management, Supply Chain Management, Interfaces between Operations and the other Functional Areas in Business.

PUBLICATIONS [$n = 32$; FT-50/UTD-24, OR ABDC-A/A* = 27]

FT-50 = Top 50 Journals used in Financial Times Research Rankings

ABDC-A/A* = Classified as A/A* in the ABDC Journal Quality List

UTD-24 = Top 24 journals for UT Dallas Top 100 Business School Research Rankings

1. Yong Wang, Sandun Perera, Sachin Kumar Mangla, Linna Han, and Malin Song, “*Aligning Development Aid toward Sustainable Development Goals: When and Where is Aid Effective on the Health Workforce?*”, **Production and Operations Management**, forthcoming, 2024.
2. Jingyan Li, Xiang Ji, and Sandun Perera, “*Behavior-Based Pricing for Multi-Version Information Goods*”, **International Journal of Production Research**, 62(14), 5185–5210, 2024.
3. Yuanzhao Tang, Sandun Perera, Qingning Cao, and Xiang Ji, “*Supplier versus Platform Bundling: Optimal Strategies under Agency Selling*”, **Transportation Research Part E: Logistics and Transportation Review**, 179, 103325, 2023.
4. Xiuli Liu, Duc Vu, Sandun Perera, Guofeng Wang, and Rui Xiong, “*Nexus between Water-Energy-Carbon Footprint Network: Multiregional Input-Output and Coupling Coordination Degree Analysis*”, **Journal of Cleaner Production**, 430, 139639, 2023.
5. Xiuli Liu, Rui Xiong, Sandun Perera, and Guo Pibin, “*Collaborative Management of Energy-Water-Carbon Footprint: Analysing the Spatial Network Characteristics*”, **International Journal of Production Research**, forthcoming, 2023.
6. Zongli Dai, Sandun Perera, and Jian-Jun Wang, “*Adopting a Hierarchical Diagnosis and Treatment System to Optimize Elective Surgery Scheduling*”, **Computers and Operations Research**, 159, 106342, 2023.
7. Sandun Perera and Suresh Sethi, “*A Survey of Stochastic Inventory Models with Fixed Costs: Optimality of (s, S) and (s, S) -Type Policies—Discrete-Time Case*”, **Production and Operations Management**, 32(1), 131–153, 2023.
8. Sandun Perera and Suresh Sethi, “*A Survey of Stochastic Inventory Models with Fixed Costs: Optimality of (s, S) and (s, S) -Type Policies—Continuous-Time Case*”, **Production and Operations Management**, 32(1), 154–169, 2023.
9. Huiyuan Liu, Sandun Perera, and Jian-Jun Wang, “*Does the Physicians’ Medical Team Joining Behavior Affect Their Performance on an Online Healthcare Platform? Evidence from Two Quasi-Experiments*”, **Transportation Research Part E: Logistics and Transportation Review**, 171, 103040, 2023.
10. Huiyuan Liu, Sandun Perera, Jian-Jun Wang, and James M. Leonhardt, “*Physician Engagement in Online Medical Teams: A Multilevel Investigation*”, **Journal of Business Research**, 157, 113588, 2023.
11. Zongli Dai, Sandun Perera, Jian-Jun Wang, Sachin Kumar Mangla, and Guo Li, “*Elective Surgery Scheduling under Uncertainty in Demand for Intensive Care Unit and Inpatient Beds during Epidemic Outbreaks*”, **Computers & Industrial Engineering**, 176, 108893, 2023.
12. Mengqi Liu, Yueli Zhao, Rui Huang, and Sandun Perera, “*Vertical Value-Added Cost Information Sharing in a Supply Chain*”, **Annals of Operations Research**, 329, 781–814, 2023.

13. Zhong-Ping Li, Jian-Jun Wang, Sandun Perera, and Jim (Junmin) Shi, “*Coordination of a Supply Chain with Nash Bargaining Fairness Concerns*”, **Transportation Research Part E: Logistics and Transportation Review**, 159, 102627, 2022.
14. Mengqi Liu, Ke Liang, Sandun Perera, Rui Huang, and Sanjoy Ghose, “*Game Theoretical Analysis of Service Effort Timing Scheme Strategies in Dual-Channel Supply Chains*”, **Transportation Research Part E: Logistics and Transportation Review**, 158, 102620, 2022.
15. Zhenyang Pi, Weiguo Fang, Sandun Perera, and Baofeng Zhang, “*Enhancing the Online Buyer Perception of Consumer Experience Products in a Dual-Channel Supply Chain: A New Role of Free-Riding*”, **International Journal of Production Economics**, 253, 108600, 2022.
16. Qingning Cao, Yuanzhao Tang, Sandun Perera, and Jianqiang Zhang, “*Manufacturer- versus Retailer-initiated Bundling: Implications for the Supply Chain*”, **Transportation Research Part E: Logistics and Transportation Review**, 157, 102552, 2022.
17. Varun Gupta and Sandun Perera, “*Managing Surges in Online Demand using Bandwidth Throttling: An Optimal Strategy amid the COVID-19 Pandemic*”, **Transportation Research Part E: Logistics and Transportation Review**, 151, 102339, 2021.
18. Sandun Perera, Milind Dawande, Ganesh Janakiraman, and Vijay Mookerjee, “*Retail Deliveries by Drones: How Will Logistics Networks Change?*”, **Production and Operations Management**, 29(9), 2019–2034, 2020.
19. Sandun Perera and Beverly Dabney, “*Case Management Service Quality and Patient-Centered Care*”, **Journal of Health Organization and Management**, 34(5), 551–568, 2020.
20. Winston Buckley, Hongwei Long, and Sandun Perera, “*m-Double Poisson Lévy Markets*”, **Quantitative Finance**, 20(10), 1663–1679, 2020.
21. Sandun Perera, Varun Gupta, and Winston Buckley, “*Management of Online Server Congestion using Optimal Demand Throttling*”, **European Journal of Operational Research**, 285(1), 324–342, 2020.
22. Winston Buckley and Sandun Perera, “*Optimal Demand in a Mispriced Asymmetric Carr-Geman-Madan-Yor (CGMY) Economy*”, **Annals of Finance**, 15(3), 337–368, 2019.
23. Sandun Perera, Ganesh Janakiraman, and Shun-Chen Niu, “*Optimality of (s, S) Inventory Policies under Renewal Demand and General Cost Structures*”, **Production and Operations Management**, 27(2), 368–383, 2018.
24. Sima Fortsch and Sandun Perera, “*A Resilient Donor Arrival Policy for Blood*”, **Operations Research for Health Care**, 19: 165–174, 2018.
25. Sandun Perera, Winston Buckley, and Hongwei Long, “*Market-Reaction-Adjusted Optimal Central Bank Intervention Policy in a Forex Market with Jumps*”, **Annals of Operations Research**, 262(1), 213–238, 2018.
26. Sandun Perera and Hongwei Long, “*An Approximation Scheme for Impulse Control with Random Reaction Periods*”, **Operations Research Letters**, 45(6), 585–591, 2017.
27. Sandun Perera and Winston Buckley, “*On the Existence and Uniqueness of the Optimal Central Bank Intervention Policy in a Forex Market with Jumps*”, **Journal of the Operational Research Society**, 68(8), 877–885, 2017.
28. Sandun Perera, Ganesh Janakiraman, and Shun-Chen Niu, “*Optimality of (s, S) Policies in EOQ Models with General Cost Structures*”, **International Journal of Production Economics**, 187, 216–228, 2017.
29. Winston Buckley, Hongwei Long, and Sandun Perera, “*The Link between Asymmetric and Symmetric Optimal Portfolios in Asset Mispricing Models*”, **Mathematical Finance Letters**, Article ID 6, 2015.

30. Winston Buckley, Hongwei Long, and Sandun Perera, “*A Jump Model for Fads in Asset Prices under Asymmetric Information*”, **European Journal of Operational Research**, 236(1), 200–208, 2014.
31. Winston Buckley, Oneil Harris, and Sandun Perera, “*On the Sensitivity of the Black Capital Asset Pricing Model to the Market Portfolio*”, **Risk and Decision Analysis**, 4(3), 177–189, 2013.
32. Alain Bensoussan, Hongwei Long, Sandun Perera, and Suresh Sethi, “*Impulse Control with Random Reaction Periods: A Central Bank Intervention Problem*”, **Operations Research Letters**, 40(6), 425–430, 2012.

Note: An earlier version of this paper, titled “Market-Reaction-Adjusted Optimal Central Bank Intervention Policy in a Foreign Exchange Market”, was awarded the second place in the **INFORMS Financial Services Section Best Student Research Paper** Competition, 2012.

SUBMITTED/COMPLETED WORKING PAPERS

- Yiwen Bian, Xin Yan, Sandun Perera, and Xu Guan, “*Dynamic Pricing and Product Up-Gradation Decisions: How Can Firms Utilize Online Reviews?*”.
- Yuanzhao Tang, Qingning Cao, Xiang Ji, Xianjun Geng, and Sandun Perera, “*Strategic Role of Upstream Bundling: Agency or Wholesale Contract?*”.
- Anfei Xia, Sandun Perera, Jian-Jun Wang, and Muhammad U. Ahmed, “*Voice or Text? The Role of Physician Media Choice on Patient Experience in Online Medical Communities*”.
- Xinmou Zhang, Sandun Perera, Jian-Jun Wang, and Tao Cai, “*Sustainable Healthcare Supply Chains with Telemedicine: Price and Service Rate Decisions*”.
- Malin Song, Sachin Kumar Mangla, Sandun Perera, Ali Emrouznejad, and Jianlin Wang, “*Approximating Non-Convex Production Possibility Set: An FDH-RBF Approach to Land-Use Efficiency Evaluation*”.
- Anfei Xia, Sandun Perera, Jian-Jun Wang, and Jiayi Leng, “*How Can Physicians of Online Healthcare Platforms Improve Their Social Returns? An AI-Driven Empirical Investigation*”.
- Xiongfeng Pan, Jiahong Yuan, Sachin Kumar Mangla, Sandun Perera, and Malin Song, “*How Do Intelligent Supply Chains Alleviate the Bullwhip Effect? An Analytical Framework and Empirical Evidence*”.
- Chunguang April Bai, Yaru Shang, and Sandun Perera, “*Improving Algorithmic Fairness Through Centralized and Decentralized Audit Strategies*”.
- Shufen Guo, Ludi Wen, Yanrui Wu, and Sandun Perera, “*How Does Digital Technology Reshape the Boundaries of Intercity Innovation Collaboration? Evidence from China*”.
- Minghao Li, Muhammad U. Ahmed, Sandun Perera, and Yong Wang, “*Can Fintech Development Contribute to Mitigating the Greenhouse Effect? A Global Perspective*”.

SELECTED WORK IN PROGRESS

- Sandun Perera, Varun Gupta, Hongwei Long, and Amir Alwan, “*Data-Driven Condition-Based Maintenance for Perpetual Systems*”.
- Mingjun Li, Xiang Ji, and Sandun Perera, “*Bundling Conspicuous Goods in a Distribution Channel*”.
- Sandun Perera, Xuying Zhao, Milind Dawande, and Vijay Mookerjee, “*Retail Competition using Drones*”.
- Jingyun Li, Sandun Perera, and Suresh Sethi “*Inventory Models with General Cost Structures: A Survey*”.
- Beverly Dabney, Jingyun Li, and Sandun Perera, “*Case Management Service Quality and Patient-Centered Care: Does Gender Play a Role?*”.

TEACHING

INTEREST

Pricing and Revenue Analytics, Forecasting and Predictive Analytics, Operations and Supply Chain Management, Six-Sigma and Quality Analytics, Sports Analytics, Logistics and Inventory Management, and Business Statistics.

EXPERIENCE

College of Business, The University of Nevada, Reno.

- Pricing, Revenue and Predictive Analytics (BS Elective for Marketing, BS core for Business Analytics minor); Fall 2019-2023, Spring 2020-2024.
- Global Supply Chain and Distribution Channel Management (MBA Elective); Spring 2020-2024.
- Invited Guest Lecturer on “Introduction to Analytics & Utilization of Analytics” for Fiscal Sustainability and Revenue Generation in Sports - SPMT 740 (Required for Sports Management Executive Graduate Certificate at UNR); Spring 2022-2024.

School of Management, The University of Michigan-Flint.

- Operations Management (Net-Plus MBA Core); Fall 2018, Spring 2019.
- Operations Management (MBA Core); Fall 2018.
- Operations Management (BBA Core); Fall 2015-2017, Winter 2016-2019.
- Demand and Revenue Analytics (BBA Core for OM/SCM Major); Winter 2016-2019.
- Six Sigma and Quality Management - Online (BBA Core for OM/SCM Major, Graduate Elective); Winter 2016, Fall 2016-2018.
- Opera. Manage. (Online); Fall 2016, Summer 2017-2018, Winter 2018-2019, Spring 2019.

Naveen Jindal School of Management, The University of Texas at Dallas.

- Operations Management (Undergraduate Core); Spring 2013/2015, Fall 2013, Summer 2015.
- Teaching Assistant for Operations Management (MBA/MS), Quantitative Introduction to Risk and Uncertainty in Business (MBA/MS), Global Supply Chain Management (MBA/MS), Logistics and Distribution (MBA/MS), Spreadsheet Modeling and Analytics (MBA/MS), Lean and Six Sigma Processes (Undergraduate).

Charles E. Schmidt College of Science, Florida Atlantic University.

- Methods of Calculus (UG Core for Business Majors); Fall 2006/2008, Spring 2007-2009.
- Discrete Mathematics* (Undergraduate Elective); Spring 2008.
*This course was offered in three different campuses via video conferencing.
- Calculus for Engineers I (Undergraduate Core); Fall 2007.
- Lab Instructor for Introductory Statistics (Undergraduate Core for Business Majors); Fall 2005, Spring 2006.

Department of Mathematics, University of Colombo, Sri Lanka.

- **Assistant Lecturer**, Spring 2005 and Summer 2005.
- **Mathematics Instructor**, Fall 2004.

PRESENTATIONS

CONFERENCE PRESENTATIONS/PARTICIPATIONS

POMS Annual Conference 2024 - Minneapolis, MN[†]; *Truck vs Drone for Network Deliveries*.

DSI Annual Meeting 2023 – Atlanta, GA; *Data-Driven Condition-Based Maintenance for Perpetual Systems.*

DSI Annual Meeting 2023 – Atlanta, GA[†]; *Strategic Role of Upstream Bundling: Agency or Wholesale Contract?*

INFORMS Annual Meeting 2023 – Phoenix, AZ; *Data-Driven Condition-Based Maintenance for Perpetual Systems.*

POMS Annual Conference 2023 - Orlando, FL; *Retail Competition using Drones.*

POMS Annual Conference 2023 - Orlando, FL[†]; *How Upstream Bundling Interacts with Distribution Contracts.*

POMS Annual Conference 2023 - Orlando, FL[†]; *Truck vs Drone for Network Deliveries.*

DSJ Mini-Conference 2023, C.T. Bauer College of Business, University of Houston - Houston, TX*.

DSI Annual Meeting 2022 - Houston, TX*.

INFORMS Annual Meeting 2022 – Indianapolis, IN; *Data-Driven Condition-Based Maintenance for Perpetual Systems.*

4th UNR College of Business–SGH Warsaw School of Economics Joint Symposium 2022 – Reno, NV; *Optimizing Starvation to Avoid Cannibalization: Retailer’s Strategies for Markets in Crisis.*

DSI Annual Conference 2019 – New Orleans, LA; *Management of Online Server Congestion using Optimal Demand Throttling.*

INFORMS Annual Meeting 2019 – Seattle, WA; *Management of Online Server Congestion using Optimal Demand Throttling.*

POMS Annual Conference 2019 - Washington, D.C.; *Optimizing Starvation to Avoid Cannibalization: Retailer’s Strategies for Markets in Crisis.*

Tutorial Speaker at POMS International Conference 2018 - Rio de Janeiro, Brazil; *Inventory Management.*

Keynote Speaker at MERCon 2018 - Colombo, Sri Lanka; *New Trends in Supply Chain and Operations Management.*

POMS International Conference 2018 - Rio de Janeiro, Brazil; *A Little Speed-Customization Goes a Long Way: Imminent Delivery Networks of Online Retailers.*

INFORMS Annual Meeting 2018 - Phoenix, AZ[†]; *Optimal Demand Throttling for Bandwidth Preservation.*

INFORMS International Meeting 2018 - Taipei, Taiwan; *A Little Speed-Customization Goes a Long Way: Imminent Delivery Networks of Online Retailers.*

Research Seminar at IIMK 2018 - Kozhikode, India; *A Little Speed-Customization Goes a Long Way: Imminent Delivery Networks of Online Retailers.*

POMS Annual Conference 2018 - Houston, TX; *Optimizing Starvation to Avoid Cannibalization: Retailer’s Strategies for Markets in Crisis.*

POMS Annual Conference 2018 - Houston, TX[†]; *A Resilient Donor Arrival Policy for Blood.*

APICS Annual Supply Chain Conference 2017 - San Antonio, TX*.

INFORMS Annual Meeting 2017 - Houston, TX; *Optimizing Starvation to Avoid Cannibalization: Retailer’s Strategies for Markets in Crisis.*

DSI Annual Meeting 2017 - Washington, D.C.*.

POMS Annual Conference 2017 - Seattle, WA; *Optimizing Starvation to Avoid Cannibalization: Retailer’s Strategies for Markets in Crisis.*

DSI Annual Meeting 2016 - Austin, TX*.

INFORMS Annual Meeting 2016 - Nashville, TN*.

INFORMS International Meeting 2016 - Waikoloa Village, HI; *Optimality of (s,S) Policies in EOQ Models with General Cost Structures.*

INFORMS International Meeting 2016 - Waikoloa Village, HI; *Optimality of (s,S) Policies under Poisson Demand and General Cost Structures.*

POMS Annual Conference 2016 - Orlando, FL; *Optimality of (s,S) Policies under Poisson Demand and General Cost Structures.*

INFORMS Annual Meeting 2015 - Philadelphia, PA*.

POMS Annual Conference 2015 - Washington, D.C.; *Optimality of (s,S) Policies in EOQ Models with General Cost Structures.*

DSI Annual Meeting 2014 - Tampa, FL*.

INFORMS Annual Meeting 2014 - San Francisco, CA; *Optimality of (s,S) Policies in EOQ Models with General Cost Structures.*

INFORMS Annual Meeting 2012 - Phoenix, AZ; *Market-reaction-adjusted Optimal Central Bank Intervention Policy in the Foreign Exchange Market.*

INFORMS Annual Meeting 2011 - Charlotte, NC; *Market-reaction-adjusted Optimal Central Bank Intervention Policy in the Foreign Exchange Market.*

INFORMS Annual Meeting 2010 - Austin, TX*.

*Participation only, †Presented by a co-author.

SEMINAR PRESENTATIONS

Bentley University, Waltham, Massachusetts.

Black School of Business, Penn State Behrend, Erie, Pennsylvania.

Carson College of Business, Washington State University, Pullman, Washington.

College of Business, New Mexico State University, Las Cruces, New Mexico.

College of Business, University of Nevada, Reno, Nevada.

Faculty of Economics, Business Adm. and Information Technology, University of Zürich, Switzerland.

Institute for Operations Research, University of Zürich, Switzerland.

Naveen Jindal School of Management, University of Texas at Dallas, Richardson, Texas.

Robert B. Willumstad School of Business, Adelphi University, Garden City, New York.

School of Business, Carroll University, Waukesha, Wisconsin.

Knauss School of Business, University of San Diego, San Diego, California.

School of Economics and Management, Beihang University, Beijing, China.

School of Management, University of Michigan-Flint, Flint, Michigan.

OTHER INVITED PRESENTATIONS

“Enhancing your career options through data-driven or industry-focused research”, CUFSAA Distinguished Speaker Series, Faculty of Science, University of Colombo, Sri Lanka, 2024.

“A path to become a HAPPY Managerial Scientist”, Sabaragamuwa University, Sri Lanka, 2021.

“Forecasting your future as a Statistician”, University of Peradeniya, Sri Lanka, 2021.

- Bill Parish Excellence in Teaching Award 2024, College of Business, University of Nevada, Reno.
- Luminary Recognition, Global Gala 2024 Luminaries, Northern Nevada International Center.
- Award for Research Excellence in Business 2022 (Beta Gamma Sigma Faculty Researcher of the Year), College of Business, University of Nevada, Reno.
- The Faculty Inductee to the Beta Gamma Sigma Honor Society, College of Business, University of Nevada, Reno, 2022.
- Nominated for “Paul and Judy Bible University Teaching Excellence Award 2020/2021”, University of Nevada, Reno.
- Summer Research Grant (\$11,666), University of Nevada, Reno, 2021.
- Summer Research Grant (\$11,666), University of Nevada, Reno, 2020.
- Nominated for (university-wide) “Outstanding Faculty Advisor Award 2019” at UM-Flint.
- Nine Golden Apples (for teaching) from the University of Michigan-Flint students, 2015-2019.
- Invited to deliver a Tutorial Presentation at POMS International Conference 2018.
- Invited to deliver a Keynote Presentation at MERCon 2018.
- Summer Research Grant (\$11,500), School of Management, University of Michigan-Flint, 2018.
- Hagerman Faculty Scholar Award, School of Management, University of Michigan-Flint, 2017-2018.
- Outstanding Faculty Award for Research, School of Management, University of Michigan-Flint, 2017.
- International Travel Grant, University of Michigan-Flint, 2017-2018.
- Award for Outstanding Contribution in Reviewing, European Journal of Operational Research, 2017.
- Award for Outstanding Contribution in Reviewing, International J. of Production Economics, 2017.
- Award for Outstanding Contribution in Reviewing, Operations Research Letters, 2017.
- Summer Research Grant (\$11,000), School of Management, University of Michigan-Flint, 2017.
- Provost’s 60th Anniversary Research Grant, University of Michigan-Flint, 2016-2017.
- Invited to the POMS Emerging Scholar Program 2016.
- Summer Research Grant (\$10,000), School of Management, University of Michigan-Flint, 2016.
- Nominated for (university-wide) “Student Leader of the Year Award 2015” at UT Dallas.
- Invited to the POMS Doctoral Student Consortium, 2015.
- Doctoral Student Consortium Grant, University of Texas at Dallas, 2014.
- INFORMS Financial Services Section Best Student Research Paper Award 2012 (Second Place) - INFORMS Annual Meeting 2012.
- PhD Research Small Grant, University of Texas at Dallas, 2011, 2012 and 2014.
- Grant from the Swiss Finance Institute (CHF 30,000), Sep 2009 - Aug 2010.
- Dr. Daniel B. and Aural B. Newell Doctoral Fellowship 2008-2009 (This is the most competitive university-wide doctoral fellowship at Florida Atlantic University.).
- William Fabricant Scholarship for 2006-2007, Florida Atlantic University.
- Mr. and Mrs. H.D.P. Gunawardena Memorial Prize for Mathematics and Physics from the University of Colombo, Sri Lanka (This prize is awarded to the student who has shown the highest competence in the first year exams in Mathematics and Physics.).
- Member: INFORMS, DSI, POMS.

SERVICES TO THE DISCIPLINE AND ACADEMIC COMMUNITY

- **Board Member** - Production and Operations Management Society (2023-2024).
- **Guest Senior Editor** - Production and Operations Management (2024-present).
- **Associate Editor** - Transportation Research Part E (2023-Present).
- **Guest Editor** - Special Issue on ESG Operations and Supply Chain Management, Transportation Research Part E: Logistics and Transportation Review, Elsevier, 2024-2025.
- **Guest Editor** - Special Issue on Service Operations in Emerging Markets, IIMK Society & Management Review, SAGE Publications, 2019.
- **Editorial Review Board Member** - Production and Operations Management (2017-Present).
- **Editorial Review Board Member** - Decision Sciences (2020-Present).
- **Editorial Advisory Board Member** - Transportation Research Part E (2022-2023).
- **Editorial Review Board Member** - International Journal of Business Analytics (2012-2019).
- **Referee** (Selected List):
 - Production and Operations Management
 - Management Science
 - Manufacturing & Service Operations Management
 - Decision Sciences
 - Operations Research Letters
 - International Journal of Production Economics
 - Naval Research Logistics
 - International Journal of Production Research
 - Journal of Optimization Theory and Applications
 - Transportation Research Part E
 - European Journal of Operational Research
 - IEEE Transactions on Engineering Management
 - Risk Analysis
 - Journal of Health Organization and Management
 - Annals of Operations Research
 - Special Issue Proposal - Transportation Research Part E
 - DSI Conference
 - MSOM Conference
 - NSF's Merit Review Process
- **Research Track Chair** (Disruptive Technologies and Operations Management) - POMS Annual Conference 2024.
- **Research Track Chair** (Business Analytics) - DSI Annual Meeting 2024.
- **Cluster Chair** (Supply Chain and Logistics Management) - INFORMS ALIO-ASOCIO International Conference 2024.
- **Research Track Chair** (Manufacturing Management) - DSI Annual Meeting 2023.
- **Session Chair** (Manufacturing Management) - DSI Annual Meeting 2023.
- **Research Track Chair** (Disruptive Technologies and Operations Management) - POMS Annual Conference 2023.

- **Session Chair** (Disruptive Technologies and Operations Management) - POMS Annual Conference 2023.
- **Research Track Chair** (Logistics Management) - POMS Annual Conference 2022.
- **Research Track Chair** (Manufacturing and Production Management) - DSI Annual Meeting 2019.
- **Research Track Chair** (Revenue Management) - DSI Annual Meeting 2018.
- **Session Chair** (Product Innovation and Technology in Operations Management) - POMS International Conference 2018 in Rio.
- **Judge** - Poster Competition, MIDAS Annual Symposium on “Serving Society through Data Science”, 2018.
- **Cluster Chair** (Mitigating Risk in Supply Chains) - INFORMS International Meeting 2018.
- **Cluster Chair** (Pricing and Revenue Management) - INFORMS International Meeting 2018.
- **Member** of the Academic Organizing Committee - MSOM Conference 2018.
- **Session Chair** (Revenue Management and Pricing) - POMS Annual Conference 2018.
- **Research Track Chair** (Supply Chain and Revenue Management) - DSI Annual Meeting 2017.
- **Session Chair** (Pricing and Revenue Management) - INFORMS Annual Meeting 2017.
- **INFORMS Judge** - Poster Competition, INFORMS Annual Meeting 2016.
- **Session Chair** (Topics in Inventory Management) - INFORMS International Meeting 2016.
- **Session Chair** (Operations-Finance Interface) - INFORMS Annual Meeting 2011.
- **Chief Organizer** - Sri Lankan Mathematical Olympiad Competition 2005.

SERVICES TO THE COLLEGE OF BUSINESS AND THE UNIVERSITY, UNIVERSITY OF NEVADA, RENO

- **Chair** of the Marketing Department Personal Committee (MDPC), 2023-2024.
- **Member** of the Supply Chain and Transportation Executive Advisory Board, College of Business, University of Nevada, Reno, 2022-present.
- **Speaker**, SCM Workshop, The U.S. - ROK Global Supply Chain Leaders Program, 2024.
- **Member** of the promotion and tenure committee of tenure-track faculty, Department of Marketing, 2023.
- **Member** of the faculty search committee for the tenure-track Assistant Professor position in Marketing, 2023.
- **Member** of the nomination committee of the Phil & Jennifer Satre Endowed Professorship in Marketing, Department of Marketing, 2022.
- **Member** of the promotion committee of non-tenure track (NTT) faculty to Rank 0(III), Department of Marketing, 2022.
- **Member** of the search committee for Director of Supply Chain & Transportation Analytics/Principal Lecturer/Teaching Professor position, 2022.
- **Member** of the curriculum committee of the proposed Minor in Supply Chain and Transportation Management.
- **Member** of the university Research and Grants Committee (RGC), 2022-2025.
- **Member** of the university Faculty Diversity Committee (FDC), 2020-2023.
- **Member** of the Marketing Department Personal Committee (MDPC), 2022-2023.
- **Judge** for the Annual GSA Awards 2021.
- **Advisor** for the students in the Business Analytics Minor.

- **Member** of the curriculum committee of the Minor in Business Analytics.
- **Designed a new undergraduate core course** in Pricing, Revenue and Predictive Analytics.
- **Designed a new MBA elective course** in Global Supply Chain and Distribution Channel Management.

SERVICES TO THE SCHOOL OF MANAGEMENT, UNIVERSITY OF MICHIGAN-FLINT

- *Contributed to initiate the SC and OM Concentration* for MBA Program.
- *Contributed to initiate the Operations and Supply Chain Management Major* for BBA Program.
- **Founding Advisor** of the Supply Chain and Operations Management Association (SCOMA).
- **Member** of the curriculum committee of the proposed MS Program in Data Analytics.
- **Member** of the faculty search committee for OM/SCM position, 2016-2017.
- **Member** of the faculty search committee for Quantitative Business Analysis position, 2016-2017.
- **Vice-president** of the Beta Gamma Sigma, 2017-2018.
- **Member** of SOM Undergraduate Committee, 2017-2019.
- **Member** of SOM Grievance Committee, 2017-2019.
- **Member** of the Beta Gamma Sigma, 2016-2017.
- **Designed a new core course** in Demand and Revenue Analytics for the new OM/SCM major.
- **Designed a new core course** in Six Sigma and Quality Management for the new OM/SCM major.

PROFESSIONAL COLLABORATIONS AND INDUSTRY VISITS

- 3M Plant, Minnesota.
- Cascade Designs, Nevada.
- Diplomat Pharmacy, Michigan.
- Fenton Fire Hall, Michigan.
- Ford Rouge Factory, Michigan.
- General Motors Flint Engine Plant, Michigan.
- Lear Corporation, Michigan.
- Panasonic Energy of North America, Nevada.
- Patagonia Distribution/Service Center, Nevada.
- Tesla Gigafactory, Nevada.
- Toyota Motor Manufacturing, Texas (TMMTX).
- Walt Disney Distribution DC 5, Florida.
- Wing (Google), Alphabet's Drone Delivery Company, California.

DOCTORAL STUDENTS, VISITING SCHOLARS, AND SUPERVISED UNDERGRADUATES

VISITING SCHOLARS AND DOCTORAL STUDENTS

- Xinmou Zhang (Doctoral Student), School of Economics and Management, Dalian University of Technology, Aug 2023 - present. [*Funding: Dalian University of Technology*]
- Yuanzhao Tang (Doctoral Student), School of Management, University of Science and Technology of China, Oct 2022 - present. [*Funding: China Scholarship Council*]

- Lei Nie (Associate Professor), Shanxi University of Finance and Economics, Oct 2022 - Oct 2023. [*Funding: China Scholarship Council*]
- Xiuli Liu (Professor), Shanxi University of Finance and Economics, Oct 2022 - Oct 2023. [*Funding: Shanxi Scholarship Council*]
- Shufen Guo (Dean, School of Public Administration), Shanxi University of Finance and Economics, Dec 2022 - June 2023. [*Funding: China Scholarship Council*]

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