Curriculum Vitae of

ANTONIO ARREOLA–RISA

EDUCATION

◇ BS, Industrial and Systems Engineering, Monterrey Institute of Technology, México, 1977.

◇ MS, Operations Research, Georgia Institute of Technology, Atlanta, Georgia, 1981.

◇ MS, Operations Management, Stanford University, Palo Alto, California, 1987.

◇ PhD, Operations Management, Stanford University, Palo Alto, California, 1989.

FACULTY APPOINTMENTS

- Assistant Professor, Management Science Department, Foster Business School, University of Washington, Seattle, Washington, Fall 1989 to Summer 1993.

  Undergraduate courses: Principles of Operations Management, Administration of Operations.

  MBA courses: Introduction to Operations Management, Materials Management and Production Scheduling.

  Executive MBA courses: Strategic Operations Management.

  Ph.D. courses: Stochastic Models in Operations Management, Current Research in Operations Management.

- Associate Professor, Information & Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, Summer 1993 to present.

  Undergraduate courses: Operations Management (Regular and Honors), Enterprise Resource Planning, Operations Planning and Control Systems, Business Statistics, Statistical Foundation of Business Analytics.

  Graduate and MBA courses: Operations Management, Enterprise Resource Planning, Statistical Foundation of Business Analytics.

  Executive MBA and Professional MBA courses: Operations and Supply Chain Management.

  Ph.D. courses: Seminar in Supply Chain Management Research.

EXECUTIVE EDUCATION

1. "Stochastic Flow Systems and Time-Based Competition," *Aerospace Industry Manufacturing Seminar*, University of Washington and the Boeing Company, Seattle, Washington. I developed this seminar and taught it 16 times during the period July 1989 to August 1993.

2. "Project Planning with PERT," *Federal Aviation Administration Seminar*, University of Washington, Seattle, Washington. I developed and taught this seminar in 1992.

3. "Manufacturing Management," *Korean Executive Training Mission*, University of Washington, Seattle, Washington. I developed and taught this seminar in 1993.

4. "Strategic Issues Facing the Western Hemisphere," *Academy for Future International Leaders*, Texas A&M University, College Station, Texas. I developed and taught this seminar in 1998.

5. "Enterprise Resource Planning," *Graduate School of Business*, Monterrey Institute of Technology, Monterrey, México. I developed this seminar in 2000 and offered it in 2000-2004, 2008-2015.

6. "Operations Management and Enterprise Resource Planning for Executives," *School of Business*, University of Miami, Coral Gables, Florida. I developed this seminar in 2001 and taught in 2001-2002.

7. "Supply Chain Management," *Graduate School of Business*, Monterrey Institute of Technology, Monterrey, México. I developed this seminar in 2011 and offered it in 2011-2015.

RESEARCH INTERESTS

- ◇ Production Management.
- ◇ Inventory Management.
- ◇ Enterprise Resource Planning.
- ◇ Supply Chain Management.
- ◇ E-Business.
- ◇ Management of Health Care Service Operations.

BOOKS

[1] J. S. Arreola–Risa and A. Arreola–Risa, *Programación Lineal: Una introducción a la toma de decisiones cuantitativa*, International Thomson Editores, 2003.

[2] A. Arreola–Risa and Barry Keys, *Designing Supply Chains for New Product Development*, Business Expert Press, 2013.

[3] A. Arreola–Risa et al., *Introduction to Business, fourth edition*, Academic Media Solutions, 2023.

[4] A. Arreola–Risa et al., *Introduction to Global Business, third edition*, Cengage, 2024.

ARTICLES IN ACADEMIC JOURNALS

[1] E. Berk and A. Arreola–Risa, "Note on 'Future Supply Uncertainty in EOQ Models,' " *Naval Research Logistics*, Vol. 41, No. 1, pp. 129–132, 1994.

[2] A. Arreola–Risa, "Integrated Multi-Item Production-Inventory Systems," *European Journal of Operational Research*, Vol. 89, No. 2, pp. 326–340, 1996.

[3] G. DeCroix and A. Arreola–Risa, "Optimal Production and Inventory Policy for Multiple Products Under Resource Constraints," *Management Science*, Vol. 44, No. 7, pp. 950–961, 1998.

[4] A. Arreola–Risa and G. DeCroix, "Inventory Management under Random Supply Disruptions and Partial Backorders," *Naval Research Logistics*, Vol. 45, No. 7, pp. 687–703, 1998.

[5] A. Arreola–Risa and G. DeCroix, "Make-to-Order vs. Make-to-Stock in a Production-Inventory System with General Production Times," *IIE Transactions*, Vol. 30, No. 8, pp. 705–713, 1998.

[6] G. DeCroix and A. Arreola–Risa, "On Offering Economic Incentives to Backorder," *IIE Transactions*, Vol. 30, No. 8, pp. 715–721, 1998.

[7] A. Arreola–Risa, "On Inventory Abatement via Manufacturing-Randomness Reductions," *Decision Sciences*, Vol. 29, No. 4, pp. 983–1004, Fall 1998.

[8] K. Doerr and A. Arreola–Risa, "A Worker-Based Approach for Modeling Variability in Task Completion Times," *IIE Transactions*, Vol. 32, No. 10, pp. 625–636, 2000.

[9] B. Faaland, T. Schmitt and A. Arreola–Risa, "Economic Lot Scheduling with Lost Sales and Setup Times," *IIE Transactions*, Vol. 36, No. 7, pp. 629–640, 2004.

[10] A. Arreola–Risa, J. L. Martínez-Parra and V. Giménez-García, "Optimizing stochastic production-inventory systems: A heuristic based on simulation and regression analysis," *European Journal of Operational Research*, Vol. 123, No. 1, pp. 107-118, 2011.

[11] A. Arreola–Risa and M. F. Keblis, "Design of Stockless Production Systems," *Production and Operations Management*, Vol. 22, No. 1, pp. 203-215, 2013.

[12] B. Li and A. Arreola–Risa, "Financial Risk, Inventory Decision and Process Improvement for a Firm with Random Capacity," *European Journal of Operational Research*, Vol. 260, pp. 183-194, 2017.

[13] B. Li and A. Arreola–Risa, "On Minimizing Downside Risk in Make-to-Stock Risk-Averse Firms," *Naval Research Logistics*, Vol. 68, No. 2, pp. 199–213, 2020.

[14] B. Li, Q. Ji and A. Arreola–Risa, "Optimizing a Production-Inventory System under Cost Targets," *Computers & Operations Research*, Vol. 123, No. 11, pp. 1-16, 2020.

[15] B. Li and A. Arreola–Risa, "Minimizing Conditional Value-at-Risk under a Modified Base-Stock Policy." *Production and Operations Management*, Vol. 31, No. 4, pp. 1822-1838, 2022.

[16] B. Li and A. Arreola–Risa, "Managing a Bone Marrow Transplant Center to Maximize Patients' Health Benefits." *International Journal of Production Research*, Vol. 6, No. 6, pp. 1771-1795, 2022.

[17] B. Li, Z. Than and A. Arreola–Risa, "On the Improvement of Uncertain Cloud Service Capacity." *International Journal of Production Economics*, Vol. 258, pp. 1-15, 2023.

[18] S. Lin, B. Li and A. Arreola–Risa, "Optimizing a Single-Product Production-Inventory System under Constant Absolute Risk Aversion." *TOP, The Journal of the Spanish Society of Statistics and Operations Research*, Vol. 31, pp. 510-537, 2023.

[19] A. Arreola–Risa, J. Fortuny-Santos and C. Vintró-Sánchez, "Optimality of Stockless Production in the Presence of Disruptions." *Data Science, Challenges and Applications in Industrial Operations*, Springer, pp. 205-210, 2025.

PAPERS UNDER REVIEW

[20] A. Arreola–Risa, H. Lee and B. Li, "Optimizing Basestocks in Production-Inventory Systems with Stochastic Supply-Chain Disruptions." *Manufacturing and Service Operations Management.*

[21] A. Arreola–Risa, J. Fortuny-Santos and C. Vintró-Sánchez, "The Impact of Stochastic Supply-Chain Disruptions on the Optimality of Make-to-Order and Make-to-Stock Strategies." *IISE Transactions.*

[22] B. Li and A. Arreola–Risa, "Maximizing Profit Conditional Value-at-Risk in Production-Inventory Systems." *Production and Operations Management.*

WORKING PAPERS

[23] A. Arreola–Risa, P. Mizzi and B. Keys, "Inventory Management under Random Disruptions of Random Duration."

[24] A. Arreola–Risa, J. Fortuny-Santos and C. Vintró-Sánchez, "Modeling and Simulation Strategies to Design a Stochastic Supply Chain."

[25] M. Keblis and A. Arreola–Risa, "Optimal Production Quantity and Tempo in a Make-to-Stock Firm with Deterministic Capacity and Stochastic Demand."

[26] A. Arreola–Risa, H. Lee and B. Li, "Multi-Item Make-to-Stock Production-Inventory Systems under a (Q,R) Policy."

[27] B. Li, A. Arreola–Risa and M. Spearman, "Not Centralizing Your Inventory? It May Be Fine After All."

WORK-IN-PROGRESS

[28] J. Stauffer and Antonio Arreola-Risa, "Optimal Readmission Reduction Policies for Hospital Systems."

REFEREED ARTICLES IN CONFERENCE PROCEEDINGS

[29] K. Doerr and A. Arreola–Risa, "A Worker-Randomness Model of Task Completion Time," *Proceedings of the 13th International Conference on Production Research*, Jerusalem, Israel, pp. 580–583, 1995.

[30] K. Doerr and A. Arreola–Risa, "Modeling Variability in Task Completion Times," *Proceedings of the 4th Manufacturing and Services Operations Management Conference*, Seattle, Washington, pp. 113–118, 1998.

[31] A. Arreola–Risa, "Inventory Management for a Multi-Item Production-Inventory System," *Proceedings of the 29th Decision Sciences Institute Annual Meeting*, Las Vegas, Nevada, pp. 1349–1351, 1998.

[32] A. Arreola–Risa, "ERP Deployment in the Classroom: The Texas A&M University Experience," *Proceedings of the Baan Brothers Foundation's 2nd University Synergy Program Roundtable*, Utrecht, The Netherlands, 1999.

[33] A. Arreola–Risa, "ERP System Implementation Experience at a Multinational Petroleum Corporation," *Proceedings of the First World Conference on Production and Operations Management–POM Sevilla 2000*, Sevilla, Spain, 2000.

RESEARCH GRANTS

1. "Manufacturing Process Facility: Analysis of Phase 1 using Stochastic Flow Systems Theory," the Boeing Company, Wichita, Kansas, 1991. Principal investigator. Funding provided: $ 10,000 plus staff assistance and travel expenses.

2. "Assessing the Impact of Variation on Cycle and Flow Times of Manufacturing and Service Processes," the Boeing Company, Seattle, Washington, 1992. Principal investigator. Funding provided: $ 12,000 plus staff assistance.

3. "A Stochastic Model of Bed Utilization in the Bone Marrow Transplant Division," the Fred Hutchinson Cancer Research Center, Seattle, Washington, 1993. Principal investigator. Funding provided: $ 8,000 plus staff assistance.

4. "Forecasting Project–Phase 1," Neiman–Marcus, 2000. Co-principal investigator. Funding provided: $ 51,000.

5. "Enterprise Resource Planning and Supply Chain Management over the Internet," National Science Foundation, 2001. Co-principal investigator. Funding provided: $ 100,000.

6. "The Role of Misinformation and Disinformation as a Strategic Business Resource," Texas A&M University, 2018-2019. Co-principal investigator. Funding provided: $ 10,000.

7. "Supplying Military Units in an Urban Battlespace," Texas A&M University, 2020-2022. Co-principal investigator. Funding provided: $ 30,000.

CONFERENCE PRESENTATIONS

1. "An Integrated Production and Distribution System with Capacitated Manufacturing Facility," TIMS/ORSA Meeting, Vancouver, Canada, 1989.

2. "Optimization Results in Inventory Control for a Production-Distribution System with Capacitated Manufacturing," ORSA/TIMS Meeting, New York, New York, 1989.

3. "Leadtime and Leadtime Demand Distributions for a Production and Distribution System," ORSA/TIMS Meeting, Philadelphia, Pennsylvania, 1990.

4. "On Minimizing Total Costs in a Stochastic Production System," ORSA/TIMS Meeting, Los Angeles, California, 1991 (with K. Doerr and T. Klastorin).

5. "A Brownian Motion Approximation of a Production-Distribution System under High Capacity Utilization," ORSA/TIMS Meeting, Los Angeles, California, 1991.

6. "On the Optimal Design of a Stochastic Assembly Line," ORSA/TIMS Meeting, San Francisco, California, 1992 (with K. Doerr and T. Klastorin).

7. "A Modified (s, S) Policy for Stochastic Demand and Random Supply Interruptions," ORSA/TIMS Meeting, San Francisco, California, 1992 (with Emre Berk).

8. "Multiproduct Inventory Systems with Capacity Limitations: The Infinite-Horizon Case," TIMS XXXII International Meeting, Anchorage, Alaska, 1994 (with G. DeCroix).

9. "On Admission Policies for a Health Care Facility in a Stochastic Environment," TIMS XXXII International Meeting, Anchorage, Alaska, 1994 (with E. Berk and T. Klastorin).

10. "Economic Lot Scheduling: Setup Cost or Setup Time?," INFORMS Meeting, New Orleans, Louisiana, 1995 (with B. Faaland and T. Schmitt).

11. "A Worker-Randomness Model of Task Completion Time," The 13th International Conference on Production Research, Jerusalem, Israel, 1995 (with Kenneth Doerr).

12. "On Inventory and Manufacturing Time Randomness," INFORMS Meeting, Atlanta, Georgia, 1996.

13. "Inventory Management under Stochastic Demand & Supply Disruptions," INFORMS Meeting, San Diego, California, 1997 (with G. DeCroix).

14. "Inventory Management under Random Supply Disruptions and Partial Backorders," TIMS XXXV International Meeting, Barcelona, Spain, 1997 (with G. DeCroix).

15. "Economic Backorder Incentives in an Inventory System with Supply Disruptions," INFORMS Meeting, Dallas, Texas, 1997 (with G. DeCroix).

16. "Modeling Variability in Task Completion Times," The 4th Manufacturing and Services Operations Management Conference, Seattle, Washington, 1998 (with Kenneth Doerr).

17. "Inventory Management for a Multi-Item Production-Inventory System," The 29th Decision Sciences Institute Annual Meeting, Las Vegas, Nevada, 1998.

18. "ERP Deployment in the Classroom: The Texas A&M University Experience," Baan Brothers Foundation's 2nd University Synergy Program Roundtable, Utrecht, The Netherlands, 1999.

19. "ERP System Implementation Experience at a Multinational Petroleum Corporation," First World Conference on Production and Operations Management–POM Sevilla 2000, Seville, Spain, 2000.

20. "Information Technology in Operations Management," Fourth International Congress on Operations Management, Piedras Negras, México, 2000.

21. "ERP Systems: Post-Implementation Experiences and Strategies," INFORMS Meeting, San Antonio, Texas, 2000.

22. "On Modelling ERP Systems," Decision Sciences Institute 6th International Conference, Chihuahua, Mexico, 2001.

23. "Challenges and Opportunities of ERP Systems," POMS 2002 Conference, San Francisco, California, 2002.

24. "On Designing Stockless Production Systems," DSI Annual Conference, San Antonio, Texas, 2006.

25. "On Managing Random Disruptions of Random Duration," DSI Annual Conference, Phoenix, Arizona, 2007.

26. "An Optimization Approach for Stochastic Production-Inventory Systems," INFORMS Regional Conference, College Station, Texas, 2008.

27. "Optimizing Stochastic Production-Inventory Systems: A Heuristic based on Simulation and Regression Analysis," Third POM International Conference, Tokyo, Japan, 2008.

28. "Managing Random Disruptions of Random Duration at Shell," INFORMS Annual Meeting, San Diego, California, 2009.

29. "Managing Random Disruptions of Random Duration in a Production-Inventory System with Stochastic Capacity and Demand," DSI Annual Meeting, San Diego, California, 2010.

30. "The Effect of Order Window Size on Operating Costs for a Make-to-Stock Manufacturer," DSI Annual Meeting, Boston, Massachusetts, 2011.

31. "A Heuristic for Optimizing Stochastic (Q,R) Production-Inventory Systems," 4th World Conference on Production and Operations Management, Amsterdam, The Netherlands, 2012.

32. "Supply Chain Management: A Capital Asset Pricing Analysis," POMS Annual Meeting, Atlanta, Georgia, 2014.

33. "Supply Chain Management under Conditional Value-at-Risk," INFORMS Annual Meeting, San Francisco, California, 2014.

34. "Bone Marrow Transplantation with Finite Waiting Rooms," POMS Annual Meeting, Washington, D.C, 2015.

35. "Optimizing the Number of Finite Waiting Rooms in Bone Marrow Transplantation," DSI Annual Meeting, Seattle, Washington, 2015.

36. "Financial Risk, Inventory Decision and Process Improvement for a Firm with Random Capacity," DSI Annual Meeting, Austin, Texas, 2016.

37. "An Improved Heuristic for Optimizing Stochastic (Q,R) Production-Inventory Systems," 5th World Conference on Production and Operations Management, Havana, Cuba, 2016.

38. "Managing Down-Side Risks of Stochastic and Capacitated Supply Chains," POMS Annual Meeting, Seattle, Washington, 2017.

39. "Financial Risk, Inventory Decision and Process Improvement for A Firm with Random Capacity: Extensions and Generalizations," The International POM Conference, Tel Aviv, Israel, 2017.

40. "Not Centralizing Your Inventory? It May Be Fine After All," INFORMS Annual Meeting, Houston, Texas, 2017.

41. "Random Capacity Disruptions in a Make-to-Stock Company with Stochastic Demand and Capacity," INFORMS Annual Meeting, Phoenix, Arizona, 2018.

42. "Statistical Reliability of Optimal Base-Stock Levels in Simulations of Make-to-Stock Systems," DSI Annual Conference, New Orleans, Louisiana, 2019.

43. "Designing Stockless Production Systems in the Presence of Manufacturing Disruptions," INFORMS Annual Meeting, Anaheim, California, 2021.

44. "Designing a Make-to-Stock Batch Production System with Stochastic Capacity and Stochastic Demand," INFORMS Annual Meeting, Indianapolis, Indiana, 2022.

45. "Basestock Production-Inventory Systems in General Stochastic Environments with Disruptions," DSI Annual Meeting, Atlanta, Georgia, 2023.

46. "Optimizing Basestocks in Production-Inventory Systems with Stochastic Supply-Chain Disruptions," DSI Annual Meeting, Phoenix, Arizona, 2024.

47. "Optimizing Basestocks in Production-Inventory Systems with Stochastic Supply-Chain Disruptions," DSI Annual Meeting, Phoenix, Arizona, 2024.

48. "Optimizing Basestocks in Production-Inventory Systems with Stochastic Supply-Chain Disruptions," POMS Annual International Conference, Atlanta, Georgia, 2025.

WORK EXPERIENCE

◇ Industrial Engineering Analyst, AHMSA S.A., Monclova, México, January 1978 to April 1978.

◇ Production and Inventory Control Analyst, HYLSA S.A., Monterrey, México, May 1978 to June 1979.

CONSULTING EXPERIENCE

Seventeen consulting projects with several companies in different industries, including the Boeing Company, Shell plc, and the Fred Hutchinson Cancer Research Center. The projects involved economic feasibility studies, production planning systems, inventory control systems, plant layouts, capacity analysis, improvement of business operations, and supply chain design.

DOCTORAL COMMITTEES

1. Member of the doctoral committee of E. Berk, Department of Management Science, School of Business, University of Washington, 1992 and 1993.

2. Member of the doctoral committee of K. Doerr, Department of Management Science, School of Business, University of Washington, 1992 and 1993.

3. Member of the doctoral committee of J. Haylett, Department of Information & Operations Management, Lowry Mays College & Graduate School of Business, Texas A&M University, 1997 to 2001.

4. Member of the doctoral committee of Eduardo Díaz–Santillán, Department of Industrial Engineering, Texas A&M University, 1999 to 2002.

5. Member of the doctoral committee of Bonsug Chae, Department of Information & Operations Management, Lowry Mays College & Graduate School of Business, Texas A&M University, 2001 to 2002.

6. Chair of the doctoral committee of Jeremy Brann, Department of Information & Operations Management, Mays Business School, Texas A&M University, 2005 to 2008.

7. Co-chair of the doctoral committee of Jaime Luna-Coronado, Department of Industrial and Systems Engineering, Texas A&M University, 2006 to 2007.

8. Co-chair of the doctoral committee of Saeed Abdulla, Department of Information & Operations Management, Mays Business School, Texas A&M University, 2006 to 2009.

9. Member of the doctoral committee of Hiram Moya, Department of Industrial and Systems Engineering, Texas A&M University, 2007 to 2012.

10. Member of the doctoral committee of Samuel Merriweather, Department of Industrial and Systems Engineering, Texas A&M University, 2008 to 2013.

11. Chair of the doctoral committee of Bo Li, Department of Information & Operations Management, Mays Business School, Texas A&M University, 2013 to 2016.

12. Member of the doctoral committee of Diana Gallart Hamilton, Department of Industrial and Systems Engineering, Texas A&M University, 2014 to 2017.

13. Member of the doctoral committee of Samuel Bonet-Olivencia, Department of Industrial and Systems Engineering, Texas A&M University, 2016 to 2017.

ACADEMIC ADVISORY ACTIVITIES

• Academic advisor of the Hispanic Student Association, School of Business, University of Washington, 1990 to 1993.

• Faculty Advisor through CIBS/CIBER in the exchange program between Mays Business School and Instituto Panamericano de Alta Dirección de Empresas (IPADE) in México, Fall 1995 to present.

• Academic advisor of the APICS student chapter, Mays Business School, Texas A&M University, Fall 1996 to Spring 1998.

• Academic advisor of the Hispanic Business Student Association, Mays Business School, Texas A&M University, Spring 1996 to 2003.

• Academic advisor in the Freshman Business Initiative (FBI), Mays Business School, Texas A&M University, Fall 2005.

• Faculty advisor of the Latin Economic and Business Association, 2010 and 2011.

• Faculty advisor of the Aggie Supply Chain Professionals (ASCP) student organization at Texas A&M University, Fall 2014 to Spring 2017.

ADMINISTRATIVE ACTIVITIES

• Assistant Department Head, Information & Operations Management Department, Mays Business School, Texas A&M University, September 2004 to August 2006.

• Director of the Supply Chain Consortium, Information & Operations Management Department, Mays Business School, Texas A&M University, Fall 2014 to Spring 2017.

INTERNATIONAL ACTIVITIES

• Organizer of study abroad programs under the NAFTA theme to Monterrey Institute of Technology, Cuernavaca Campus, Summers of 2001, 2002, and 2003.

• Organizer of a meeting to explore the use of information technology for health care delivery, March 1, 2002, College Station, Texas. Attendees included INFO faculty members, TAMU System Health Science Center faculty members, and Monterrey Institute of Technology faculty members.

• Organizer of a meeting to explore the use of information technology for health care delivery, June 3, 2002, Monterrey, México. Attendees included INFO faculty members, TAMU System Health Science Center faculty members, and Monterrey Institute of Technology faculty members.

• Organizer of a conference to explore the use of information technology for health care delivery, July 27-29, 2003. Attendees included INFO faculty members, TAMU System Health Science Center faculty members, and SAP executives from Walldorf, Germany.

• Host of the visit of professor Jordi Fortuny from Universidad Politécnica de Cataluña in Spain, Summer 2003.

• Host of the visit of professor José Luis Martínez-Parra from Universidad Autónoma de Barcelona in Spain, Fall 2004 and Spring 2005.

• Member of the Executive Board for the MBA program, Graduate School of Business, Monterrey Institute of Technology, Morelia Campus, Fall 2004 to 2010.

PROFESSIONAL SOCIETIES AND ACTIVITIES

• Member of Decision Sciences Institute, Institute of Industrial Engineers, and Institute for Operations Research and the Management Sciences.

• Referee for *Decision Sciences*, *European Journal of Operational Research*, *IIE Transactions*, *Journal of Operations Management*, *Management Science*, *Manufacturing and Service Operations Management Naval Research Logistics*, *Production and Operations Management*, *Operations Research*.

• Session Chair for Inventory Management, ORSA/TIMS Meeting, San Francisco, California, 1992.

• Session Chair for JIT Unveiled, 29th Decision Sciences Institute Annual Meeting, Las Vegas, Nevada, 1998.

• Session Chair for Supply Chain Management in North America, First World Conference on Production and Operations Management–POM Sevilla 2000, Seville, Spain, 2000.

• Session Chair for Technology Operations & Information Systems: ERP Systems, INFORMS Meeting, San Antonio, Texas, 2000.

• Track Co-Chair for ERP Systems, Decision Sciences Institute 6th International Conference, Chihuahua, Mexico, 2001.

• Track Chair for Enterprise Resource Planning, POMS Meeting, San Francisco, California, 2002.

• Reviewer for the National Science Foundation on grant research proposals for two different panels: Enterprise Research Planning and Supply Chain, 2002 to present.

• Member of the Editorial Review Board of *Decision Sciences*, 2005 to 2007.

• Session Chair for Inventory Models, DSI Annual Meeting, San Antonio, Texas, 2006.

• Senior Editor of *Production and Operations Management*, 2007 to 2009.

• Session Chair for Stochastic Inventory Models, Third POM International Conference, Tokyo, Japan, 2008.

• Member of the CHI St. Joseph Health Board of Directors, October 2013 to present.

AWARDS, SCHOLARSHIPS AND HONORS

• BS in Industrial and Systems Engineering *Summa Cum Laude*, Monterrey Institute of Technology, México, 1977.

• *Rotary Foundation Scholarship*, The Rotary Foundation, Chicago, Illinois, 1979-1980.

• Member of the honorary society in industrial engineering "Alpha, Phi, Mu," School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Georgia, 1980.

• *Best Student in Graduating Class*, School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Georgia, 1981.

• *Outstanding Academic Performance at the Doctoral Level*, Department of Industrial Engineering and Engineering Management, Stanford University, Palo Alto, California, 1989.

• *College Research Distinguished Achievement Award*, Mays Business School, Texas A&M University, College Station, Texas, 1999.

• *Mays Faculty Research Fellow*, Mays Business School, Texas A&M University, College Station, Texas, 2001–2004.

• *Mays Faculty Teaching Fellowship*, Mays Business School, Texas A&M University, College Station, Texas, 2015.

• *2018 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2018.

• *2019 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2019.

• *2020 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2020.

• *2021 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2021.

• *Top Cited Article in 2021-2022 Award* for "On Minimizing Downside Risk in Make-to-Stock Risk-Averse Firms." *Naval Research Logistics*, 2022.

• *2023 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2023.

• *2024 INFO Teaching Excellence Award*, Information and Operations Management Department, Mays Business School, Texas A&M University, College Station, Texas, 2024.

• *Wickam Skinner Teaching Innovation Award*, Production & Operations Management Society, Atlanta, Georgia, 2025.

• *Distinguished Achievement Award–College Level*, The Association of Former Students of Texas A&M University, College Station, Texas, 2025.

March 2026.