

**VAIDY JAYARAMAN**  
Operations & Supply Chain Management  
*Department of Management, School of Business Administration*  
**University of Miami**  
Coral Gables, FL 33124  
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## ACADEMIC AND SCHOLASTIC ACHIEVEMENT

- *Fisher College of Business, The Ohio State University, Columbus, OH*  
**Ph.D.** (1994), **M.A.B.A** (1992)  
Major: Management Science (Operations Management/Decision Sciences)  
Dissertation Area: **Supply Chain Management**
- *University of Akron, Akron, OH*  
**MBA (Management / Information Systems)**, 1990  
**MS (Mathematical Sciences)**, 1989
- *College of Engineering (Anna University), Madras, India*  
**MS (Applied Mathematics/Computer Science)**, 1987
- *University of Madras, Madras, India*  
**BS (Mathematics)**, 1985.

## SCHOLARLY HONORS AND AWARDS

- *University of Miami – Competitive Provost Research Award*, 2010
- *University of Miami – Appointed Fellow & Charter Member – Faculty Learning Community*, 2009
- *School of Business Administration University of Miami– Summer Research Award* (2002, 2003, 2007, 2008, 2009, 2010).
- *University of Miami Excellence in Teaching Award*, 2005
- *Faculty Teaching Excellence Award*, School of Business Administration, University of Miami - 2003, 2006
- *Competitive Summer Research Grant*, Washington State University, 2000
- *Competitive Research Grant*, “Supply Chain Management: Incorporating Reverse Logistics,” Supply Chain Council and APICS E&R Foundation, 1999-2000.
- *Faculty Teaching Excellence Award*, College of Business Administration, University of Southern Mississippi, 1998
- *Louis K. Brandt Faculty Research Award*, College of Business Administration, University of Southern Mississippi, 1996
- *Competitive Summer Research Grant*, University of Southern Mississippi, 1995
- *Research & Sponsored Program Grant*, University of Southern Mississippi, 1995
- *Pace Setters Award (Research & Teaching)*, Fisher College of Business, The Ohio State University, 1993

## PROFESSIONAL BACKGROUND

- 2001- Current** Associate Professor – Operations & Supply Chain  
School of Business Administration  
**University of Miami, FL**
- 1998 –2001** Assistant Professor –Operations & Supply Chain  
College of Business & Economics  
**Washington State University, WA**
- 1994 – 1998** Assistant Professor–Operations Management  
College of Business Administration  
**University of Southern Mississippi, MS**
- 1990 - 1994** Instructor & Graduate Research Associate  
Department of Management Science  
Fisher College of Business  
**The Ohio State University, OH**
- 1987 - 1990** Instructor  
Department of Mathematical Sciences  
**University of Akron, OH**

## TEACHING INTERESTS

- *Operations Management*
- *Supply Chain Management*
- *Sustainable Operations: Value Creation and Environmental considerations*
- *Management Science*
- *Purchasing & Logistics*
- *Managerial Statistics*

## TEACHING AWARDS RECEIVED

- ✓ **University of Miami – Appointed Fellow & Charter Member – Faculty Learning Community, 2009**
- ✓ **University of Miami Excellence in Teaching Award, 2005**
- ✓ **Faculty Teaching Excellence Award, School of Business Administration, University of Miami, 2003, 2006**
- ✓ **Faculty Teaching Excellence Award, College of Business Administration, University of Southern Mississippi, 1998.**

## CURRENT RESEARCH INTERESTS

### *Strategic Design and Management of Supply Chains*

- Optimal Network Design, Supply Chain Integration and Collaboration
- Planning and Design Techniques for Location, Inventory and Transportation along a supply chain
- Revenue Management & Pricing and their role in supply chain design & performance.

### *Design and Management of Sustainable Value Chain Systems*

- Build Sustainable Operations through Interconnected Supply Chains
- Develop an efficient Carbon emissions allowance market, Carbon trading & Clean development mechanism to advance renewable energy development in emerging and developed economies.
- Cross-functional role of Closed-loop Supply Chains and its interaction with Marketing, Production and Engineering functions.

### *Service Operations Management*

- Buyer and Supplier Relationships
- Offshore Outsourcing – Information Technology & Business Process Outsourcing
- Knowledge Process Outsourcing - Emerging Markets

## BOOKS

- 1) *Sustainable Supply Chain Management: Models, Methods and Policy Implications* (with Tonya Boone and Ram Ganesan), Springer Publishers, Forthcoming (2011).
- 2) *Supply Chain Management: Introduction* (with Rakesh Singh), Forthcoming (2011).

## SCHOLARLY ACTIVITY

### MANUSCRIPTS UNDER PEER-REVIEW (Revised: June 2010)

1. Task Nature and Process Integration in Business Process Offshoring: Evidence from India and China (with Luo, Y., Lu, S. and Zheng, Q). *Strategic Management Journal*. Under first round of review.
2. Location, Timing and Diversification Strategies in Business Process Outsourcing Service Operations: An Emerging Market Perspective (with Luo, Y). *Journal of Operations Management*. Under first round of review.
3. Business Process Offshoring: Unique Properties and Operational Modes (with Luo, Y. and Lu, S). *Journal of International Business Studies*. Under third round of review.
4. A data driven Inventory Control Policy for Cash Logistics Service Operations at a Financial Institution (with Baker, T). *Decision Sciences Journal*. Revise and Resubmit
5. Managing-Action Based Research to develop a Lean Operating Supplies Inventory Program (with Baker, T). *International Journal of Production Research*. Under second round of review.
6. Redesigning an Integrated Forward-Reverse Logistics Supply Chain System for a Third Party Provider: An Empirical Study (with Baker, T). *International Journal of Production Research*. Under first round of review.

### MANUSCRIPTS - Work-in-Progress (Revised: June 2010)

7. Managing Process Innovation, Environmental considerations and Competition in a Sustainable Supply Chain: Application & Analysis (with Dawande, M., Gavirneni, S. and Zhu, Y). *Management Science* . Submission Date: October 2010.
8. Call Center Competition and Market Segmentation in Business Process Outsourcing (with Chen, B. and Xia, A). *Management Science*. Submission Date: September 2010.
9. Carbon trading and clean development mechanism: Towards a new conception of the environment-competitiveness operation (with Chen, B. and

Yang, S). *Manufacturing & Service Operations Management* (Special Issue on Environment). Submission Date: December 2010.

10. The Role of Culture, Operational Type and Firm Location for Knowledge Process Offshoring in an Emerging Global Market: An Empirical Analysis (with Jayaram, J). *Production and Operations Management Journal*. Submission Date: November 2010.
11. Business Process Outsourcing Service Operations: The Role of Governance Control Mechanisms and Process Integration on Firm Performance (with Luo, Y. and Narayanan, S). *Manufacturing & Service Operations Management*. Submission Date: November 2010.

### ***RESEARCH PRODUCTIVITY***

TOTAL NUMBER OF CITATIONS: **1789** (Sept 18, 2010) (scholar.google.com)

H-INDEX: **19**

### ***JOURNAL PUBLICATIONS (Revised: June 2010)***

45. **Jayaraman, Vaidy.**, Narayanan, S., Luo, Y. and Swaminathan, J.M. 2010. Offshoring Business Process Services and Governance Control Mechanisms in Emerging Markets: An Examination of Service Providers from India. *Production and Operations Management*. (Forthcoming).
44. Narayanan, S., **Jayaraman, Vaidy.**, Luo, Y. and Swaminathan, J.M. 2010. The Antecedents of Process Integration in Business Process Outsourcing and its effect on Firm Performance. *Journal of Operations Management*. (Forthcoming).
43. **Jayaraman, Vaidy** and Singh, R. 2010. Impact of Sustainable Manufacturing Practices on Consumer Perception and Revenue Growth: An Emerging Economy Perspective. *International Journal of Production Research*. (Forthcoming).
42. Luo, Yadong., Zheng, Q. and **Jayaraman, Vaidy.** 2010. Managing Business Process Outsourcing. *Organizational Dynamics*. 39(3), 205-217.

41. **Jayaraman, Vaidy.**, Baker, T. and Lee, J. 2010. Strategic End-of-Life Management of Electronic Assembly Product Recovery in Sustainable Supply Chain Systems. *International Journal of Operational Research*. 7(1), 54-73.
40. Pellegrini, E., Scandura, T and **Jayaraman, Vaidy**. 2010. Cross-Cultural Generalizability of Paternalistic Leadership: An Expansion of Leader-Member Exchange Theory (LMX). *Group and Organization Management*. (Forthcoming)
39. Agarwal, A. and **Jayaraman, Vaidy**. 2010. Scheduling to Minimise Penalties for a Non-dedicated Supplier in Integrated Supply Chains. *International Journal of Manufacturing Technology and Management*. 19(1/2), 68-81.
38. Ross, A., **Jayaraman, Vaidy.**, Rodrigues, A. and Mollenkopf, D. 2010. Repositioning of Reusable Containers in a Sustainable Global Supply Chain Environment. *International Journal of Mathematics in Operational Research*. 2(2), 178-204.
37. Ross, A and **Jayaraman, Vaidy**. 2009. Strategic Purchases of Bundled Products in a Health Care Supply Chain Environment. *Decision Sciences Journal*. 40(2), 269-293.
36. **Jayaraman, Vaidy**. 2009. What is the Buzz about the Cross-functional Role of Purchasing in a Sustainable Supply Chain Environment? *International Journal of Logistics Systems and Management*. 5 (1/2), 7-20.
35. Hassanzadeh, P., Sodhi, M and **Jayaraman, Vaidy**. 2009. A Visual Interactive Optimisation Tool for Analysing Alternate Locations for Petroleum Distribution Facilities: towards Building an Intelligent Decision Support System. *International Journal of Operational Research*. 4(1), 1-22.
34. Ross, A and **Jayaraman, Vaidy**. 2008. An Evaluation of New Heuristics for the Location of Cross-docks and Distribution Centers in Supply Chain Network Design. *Computers and Industrial Engineering*. 55(1), 64-79.
33. **Jayaraman, Vaidy.**, Ross, A. and Agarwal, A. 2008. Role of Information Technology and Collaboration in Reverse Logistics Supply Chains. *International Journal of Logistics: Research and Applications*. 11(6), 409-425.
32. Linton, J., Klassen, R and **Jayaraman, Vaidy**. 2007. Sustainable Supply Chains: An Introduction. *Journal of Operations Management*. 25(6), 1075-1082.

31. **Jayaraman, Vaidy** and Luo, Y. 2007. Creating Competitive Advantages through New Value Creation: A Reverse Logistics Perspective. *Academy of Management Perspectives* (formerly: *Academy of Management Executive*). 21(2), 56-73.
- (The contribution of this article to reverse logistics supply chains is highlighted in *Harvard Business Review*. November 2007).
30. Burnett, R., **Jayaraman, Vaidy.**, Friedman, M. and West, J. 2007. Increasing Sustainability through the Management of Post Consumer Waste: A Study of Recycled Materials for Municipal Solid Waste Management. *International Journal of Environmental, Cultural, Economic and Social Sustainability*. 3(4), 1-14.
29. Ross, A., **Jayaraman, Vaidy** and Robinson, P. 2007. Optimizing 3PL service delivery using a cost-to-serve and action research framework. *International Journal of Production Research*. 45(1), 83-101.
28. Ferguson, M., **Jayaraman, Vaidy** and Souza, G. 2007. An application of the EOQ model with Non-linear Holding Costs to Inventory Management of Perishables. *European Journal of Operational Research*. 180(1), 485-490.
27. Reimer, B., Manbir, S. and **Jayaraman, Vaidy**. 2006. Truck Sizing models for Recyclables Pick-up. *Computers & Industrial Engineering*. 51 (4), 621-636.
26. **Jayaraman, Vaidy**. 2006. Production Planning for Closed-loop Supply Chains with Product Recovery and Reuse: An Analytical Approach. *International Journal of Production Research*. 44(5), 981-998.
25. Linton, J. and **Jayaraman, Vaidy**. 2005. A Framework for Identifying Differences and Similarities in the Managerial Competencies associated with Different Modes of Product Life Extension. *International Journal of Production Research*. 43(9), 1807-1829.
24. **Jayaraman, Vaidy.**, Patterson, R. and Rolland, E. 2003. The Design of Reverse Distribution Networks: Models and Solution Procedures. *European Journal of Operational Research*. 150(1), 128-149.
23. **Jayaraman, Vaidy** and Baker, T. 2003. The Internet as an Enabler for Dynamic Pricing of goods. *IEEE Transactions in Engineering Management*. 50(4), 470-477.

22. **Jayaraman, Vaidy** and Ross, A. 2003. A Simulated Annealing Methodology to Distribution Network Design and Management. *European Journal of Operational Research*. 144(3), 629-645.
21. Guide, D., **Jayaraman, Vaidy** and Linton, J. 2003. Building Contingency Planning for Closed-Loop Supply Chains with Product Recovery. *Journal of Operations Management*. 21, 259-279.
20. **Jayaraman, Vaidy.**, Gupta, R. and Pirkul, H. 2003. Selecting Hierarchical Facilities in a Service-Operations Environment. *European Journal of Operational Research*. 147, 613-628
19. Baker, T., Murthy, N.N. and **Jayaraman, Vaidy**. 2002. Service Package Switching in Hotel Revenue Management Systems. *Decision Sciences Journal*. 33(1), 109-132.
18. **Jayaraman, Vaidy** and Pirkul, H. 2001. Planning and coordination of Production and Distribution Facilities for Multiple Commodities. *European Journal of Operational Research*. 133(2), 394-408.
17. Guide, D. and **Jayaraman, Vaidy**. 2000. Product Acquisition Management: Current Industry Practice and a Proposed Framework. *International Journal of Production Research*. 38(16), 3779-3800.
16. Guide, D., **Jayaraman, Vaidy.**, Srivastava, R. and Benton, W.C. 2000. Supply-Chain Management for Recoverable Manufacturing Systems. *INTERFACES*. 30(3), 125-142.
15. **Jayaraman, Vaidy.**, Burnett, C. and Frank, D. 2000. Separating Inventory Flow in the Materials Management Department at Hancock Medical Center. *INTERFACES*. 30(4), 56-64.
14. **Jayaraman, Vaidy.**, Srivastava, R. and Benton, W.C. 1999. Supplier Selection and Order Quantity Allocation: A Comprehensive Model. *Journal of Supply Chain Management*. 35(2), 50-58.
13. **Jayaraman, Vaidy**. 1999. A Multi-Objective Logistics Model for a Capacitated Service Facility Problem. *International Journal of Physical Distribution and Logistics Management*. 29(1), 65-81.
12. **Jayaraman, Vaidy.**, Guide, D. and Srivastava, R. 1999. A Closed-Loop Logistics Model for Remanufacturing. *Journal of the Operational Research Society*. 50(5), 497-508.

11. Guide, D., **Jayaraman, Vaidy** and Srivastava, R. 1999. Production Planning and Control for Remanufacturing: A State-of-the-art Survey. *Robotics and Computer Integrated Manufacturing*. 15, 221-230.
10. Guide, Dan., **Jayaraman, Vaidy** and Srivastava, R. 1999. The Effect of Lead Time Variation on the Performance of Disassembly Release Mechanisms. *Computers and Industrial Engineering*. 36, 759-779.
9. **Jayaraman, Vaidy**. 1998. An Efficient Heuristic Procedure for Practical-Sized Capacitated Warehouse Design and Management. *Decision Sciences Journal*. 29(3), 729-745.
8. Hokey M., **Jayaraman, Vaidy** and Srivastava, R. 1998. Combined Location-Routing Problems: A Synthesis and Future Research Directions. *European Journal of Operational Research*. 108(1), 1-15.
7. **Jayaraman, Vaidy**. 1998. Transportation, Facility Location and Inventory issues in Distribution Network Design: An Investigation. *International Journal of Operations and Production Management*. 18(5), 471-494.
6. **Jayaraman, Vaidy**., Srivastava, R. and Benton, W.C. 1998. A Joint Optimization of Product Variety and Ordering Approach. *Computers and Operations Research*. 25(7/8), 557-566.
5. Pirkul, H. and **Jayaraman, Vaidy**. 1998. A Multi-Commodity, Multi-Plant, Capacitated Facility Location Problem: Formulation and Efficient Heuristic Solution. *Computers and Operations Research*. 25(10), 869-878.
4. Pirkul, H. and **Jayaraman, Vaidy**. 1996. Production, Transportation and Distribution Planning in a Multi-Commodity Tri-Echelon System. *Transportation Science*. 30(4), 291-302.
3. **Jayaraman, Vaidy** and Srivastava, R. 1996. Expert Systems in Production and Operations Management: Current Applications and Future Prospects. *International Journal of Operations and Production Management*. 16(12), 27-44.
2. **Jayaraman, Vaidy** and Srivastava, R. 1995. A Service Logistics model for Simultaneous Siting of Facility and Multiple levels of Equipment. *Computers and Operations Research*. 22(2), 191-204.
1. Schilling, D., **Jayaraman, Vaidy**, and Barkhi, R. 1993. A Review of Covering Problems in Location Analysis. *Location Science*. 1(1), 25-55.

## **PUBLICATION - EDITORIAL**

- 1) Jayaraman, Vaidy., Klassen, R. and Linton, J. 2007. Supply Chain Management in a Sustainable Environment. *Journal of Operations Management*. 25, 1071-1074.

## **BOOK CHAPTERS, CASE STUDIES AND MONOGRAPHS**

- 1) INVENSIS: A Global BPO provider from India - Ivey Publications, 2008. (with Yadong Luo).
- 2) Supply Chain Management for Recoverable Manufacturing Systems (with Guide, D., Srivastava, R., Benton, WC). Reprinted in E. Rhodes, JP Warren, R. Carter, Eds. 2006. *Supply Chains and Total Product Systems: A Reader*. Blackwell Publishing. London, 365-380.
- 3) A framework for Hierarchical Planning and Control for Remanufacturing (with Guide, D. and Pentico, D.W.). in Greener Manufacturing and Operations: From Design to delivery and back. (ed. J. Sarkis), Greenleaf Publishing, Sheffield, UK. Chapter 18, 273-278.
- 4) Supply Chain Management Incorporating Reverse Logistics (with D. Guide), 2000, *Production and Inventory Control Society Education & Research Foundation*, Publication # 99-14.
- 5) Teaching Business Classes through Interactive Video Network: Measuring Faculty and Student Impact (with W. Piper), 1998, *Decision Line*, 29(2), 11-12.

## **ARTICLES IN REFEREED PROCEEDINGS**

- 1) Capacitated Hub and Router Network Design with Multi-drop Lines, *National Decision Sciences Institute Conference*, San Antonio, TX, November 2006.
- 2) A simulation meta-model for repositioning reusable containers in a closed-loop supply chain system, *National Production Operations Management Conference*, Chicago, May 2005

- 3) An Evaluation of new heuristics for the location of cross-docks and distribution centers in supply chain network design" *National Decision Science Institute Conference*, Boston, Nov 2004
- 4) A Framework for Identifying Differences and Similarities in the Managerial Competencies Associated with Different Modes of Product Life Extension. *National Decision Science Institute Conference*, Washington D.C., Nov 2003.
- 5) Simultaneous Placement of Equipment and Repair/Service Facilities: An Efficient Heuristic. *National Decision Science Institute Conference*, Washington D.C., Nov 2003
- 6) Infrastructural Operational Issues in Measuring, Monitoring and Managing Environmental Performance **proceedings, National Decision Sciences Institute Conference, San Diego, CA**, Nov 2002. (co-authored by R. Sroufe and K. Chinander)
- 7) Aggregate Production Planning and Control in Supply Chains with Product Recovery proceedings, *National Decision Science Institute Conference*, San Francisco, CA, Nov. 2001.
- 8) Forecasting and Allocating in Hotel Revenue Management Systems when Demand is Dependent on Service Package Availability proceedings, *National Decision Science Institute Conference*, Orlando, FL, Nov. 2000. (co-authored by R. Baker and N.N. Murthy).
- 9) Simultaneous Location of Limited Support Equipment and Service Facilities proceedings, *National Decision Science Institute Conference*, Orlando, FL, Nov. 2000. (co-authored by R. Srivastava).
- 10) Product Acquisition Management: A Framework and Current Industry Practice proceedings, *National Decision Science Institute Conference*, New Orleans, LA, Nov. 1999. (co-authored by D. Guide)
- 11) Hierarchical Distribution Network Design and Management : A Methodology and Investigation proceedings, *National Decision Science Institute Conference*, New Orleans, LA, Nov. 1999. (co-authored by A.Ross)

- 12) Supply Chain Management for Recoverable Manufacturing Systems, proceedings, *National Decision Science Institute Conference*, Las Vegas, NV, Nov. 1998. (co-authored by D. Guide, R. Srivastava, and W.C. Benton)
- 13) Production Planning and Control for Remanufacturing: A State-of-the-Art Survey, proceedings, *National Decision Science Institute Conference*, Las Vegas, NV, Nov. 1998. (co-authored by D. Guide and R. Srivastava)
- 14) Strategic Sourcing in a Jointly Constrained Supply Environment, proceedings, *National Decision Science Institute Conference*, Las Vegas, NV, Nov. 1998. (co-authored by N. Murthy)
- 15) Strategic Supplier Selection: A Comprehensive Model for Understanding Buyer Relationships, proceedings, *National Decision Science Institute Conference*, San Diego, CA, Nov. 1997, (co-authored by N. Murthy)
- 16) A Closed-Loop Logistics Model for Use Within A Recoverable Manufacturing Environment, proceedings, *National Decision Science Institute Conference*, San Diego, CA, Nov. 1997, (co-authored by D. Guide, and R. Srivastava)
- 17) A Reverse Logistics Supply Chain Model Within a Remanufacturing Environment, proceedings, *Portland International Conference on Management of Engineering and Technology (PICMET)*, July 1997 (co-authored by D. Guide, and R. Srivastava).
- 18) A Multi-Supplier, Multi-Item Model for Simultaneous Supplier Selection and Order Quantity Allocation, proceedings, *National Decision Science Institute Conference*, Orlando, Florida, Nov. 1996, (co-authored by R. Srivastava and W.C. Benton).
- 19) An Hierarchical Location-Allocation Model to Site Commercial Service Facilities, proceedings, *National Decision Science Institute Conference*, Orlando, Florida, Nov. 1996, (co-authored by H. Pirkul and R. Gupta).
- 20) A New Solution Procedure for the Multi-commodity, Multi-plant facility location problem, proceedings, *Southwest Decision Science Institute Conference*, San Antonio, TX, March 1996, 105-107 (co-authored by H. Pirkul).
- 21) Production and Distribution of Multiple commodities in a Multi-echelon environment, proceedings, *National Decision Science Institute Conference*, Boston, Mass, Nov. 1995, 901-903 (co-authored by H. Pirkul).

- 22) An Integrated Multi-product Model for Distribution System Design and Manufacturing problem, proceedings, *Southwest Decision Science Institute Conference*, Houston, TX, March 1995, 44-46 (co-authored by H. Pirkul).
- 23) Expert Systems in Production and Operations Management: Current Applications and Future Prospects, proceedings, *National Decision Science Institute Conference*, Hawaii, Nov. 1994, 1685-1687 (co-authored by R. Srivastava).
- 24) A Joint Optimization Model for Product Stocking and Ordering Strategy, proceedings, *National Decision Science Institute Conference*, Hawaii, Nov.1994, 1500-1502 (co-authored by R. Srivastava and W.C. Benton).
- 25) A Service Logistics model for Simultaneous Siting of Facility and Multiple levels of Equipment, proceedings, *National Decision Science Institute Conference*, Washington, Nov. 1993, 1715-1717 (co-authored by R. Srivastava).

### ***PROFESSIONAL RESEARCH PRESENTATIONS***

- Location, Timing and Diversification Strategies in Business Process Outsourcing Service Operations: An Emerging Market Perspective National Conference – National *Production Operations Management* – May 2009.
- Location, Timing and Diversification Strategies in Business Process Outsourcing Service Operations: An Emerging Market Perspective *National Decision Science Institute Conference*, New Orleans, Nov 2009.
- An Evaluation of new heuristics for the location of cross-docks and distribution centers in supply chain network design, *National Decision Science Institute Conference*, Boston, Nov 2004.
- Aggregate Production Planning and Control in Supply Chains with Product Recovery, *National Decision Science Institute Conference*, San Francisco, CA, Nov 2001.

- Aggregate Production Planning in a Remanufacturing environment: An Investigation, Invited Presentation, *National INFORMS Conference*, Salt Lake City, Utah, May 2000.
- Strategic Sourcing in a Supply Constrained Environment, Invited Presentation, *National University of Singapore*, August, 1998
- Batching Strategies for Remanufacturing Shops, *National INFORMS Conference*, Dallas, TX, Oct. 1997
- A Multi-Supplier, Multi-Item Model for Simultaneous Supplier Selection and Order Quantity Allocation, *National Decision Science Institute Conference*, Orlando, Florida, Nov. 1996.
- An Hierarchical Location-Allocation Model to Site Commercial Service Facilities, *National Decision Science Institute Conference*, Orlando, Florida, Nov. 1996.
- A Reverse Logistics & Supply Chain Management Model Within a Remanufacturing Environment, *National INFORMS Conference*, Atlanta, GA, Nov. 1996.
- A New Solution Procedure for the Multi-commodity, Multi-plant facility location problem, *Southwest Decision Science Institute Conference*, San Antonio, TX, March 1996.
- Production and Distribution of Multiple commodities in a Multi-echelon environment, *National Decision Science Institute Conference*, Boston, Mass, Nov. 1995.
- An Integrated Multi-product Model for Distribution System Design and Manufacturing problem, *Southwest Decision Science Institute Conference*, Houston, TX, March 1995.
- A Multi-attribute approach to a Capacitated Service Facility Location Problem, Abstract, *International Operational Research Society of India Conference*, Calcutta, India, Dec 1994.
- Expert Systems in Production and Operations Management: Current Applications and Future Prospects, *National Decision Science Institute Conference*, Hawaii, Nov. 1994.

- A Joint Optimization Model for Product Stocking and Ordering Strategy, *National Decision Science Institute Conference*, Hawaii, Nov. 1994.
- A Service Logistics model for Simultaneous Siting of Facility and Multiple levels of Equipment, *National Decision Science Institute Conference*, Washington, Nov. 1993.
- An efficient solution procedure for the Capacitated Warehouse Location Problem, *National Operations Research/The Institute of Management Sciences Conference*, Phoenix, Arizona, Nov. 1993.

## PROFESSIONAL OUTREACH

### SERVICE TO JOURNALS

#### EDITORSHIP

- ✓ Associate Editor - *Journal of Supply Chain Management*
- ✓ Editorial Review Board – *Production Operations Management Journal*
- ✓ Editorial Review Board – *International Journal of Operational Research*
- ✓ Special Issue Co-editor – *Journal of Operations Management - Supply Chain Management in a Sustainable Environment*.

#### Ad-hoc reviewer

- ✓ Management Science
- ✓ Journal of Operations Management
- ✓ Production and Operations Management
- ✓ IIE Transactions
- ✓ IEEE Transactions in Engineering Management
- ✓ Harvard Business Review
- ✓ Decision Sciences Journal
- ✓ European Journal of Operational Research
- ✓ Journal of Industrial Ecology
- ✓ Computers & Industrial Engineering

- ✓ International Journal of Production Research
- ✓ International Journal of Production Economics
- ✓ Journal of Supply Chain Management

## **SERVICE TO PROFESSIONAL SOCIETIES**

### **INFORMS**

- ✓ Session Chair – National Conference (Multiple times)

### **Production and Operations Management**

- ✓ Track Chair – National Conference, 2007
- ✓ POMS Wickham Skinner Best Unpublished Paper Award Committee
- ✓ Session Chair – National Conference (Multiple times).

### **Decision Sciences Institute**

- ✓ Track Chair – National Conference, 2007
- ✓ Elwood Buffa Dissertation Award – Committee Member (Multiple times)
- ✓ Session Chair – National Conference (Multiple times)
- ✓ Paper Reviewer – National Conference (Multiple times).

### **External Review Board**

- ✓ External reviewer, Ph.D. Dissertation Thesis. IIT Madras, India. 2009
- ✓ External reviewer, Ph.D. Dissertation Thesis. GCT, Coimbatore, India. 2007.

### **External Peer Reviewer**

- ✓ Research Grants Council of Hong Kong
- ✓ Social Sciences and Humanities Research Council of Canada.

Reviewed numerous text books for POM & Management Science

## **PROFESSIONAL AFFILIATIONS**

- ✓ INFORMS
- ✓ DECISION SCIENCE INSTITUTE
- ✓ PRODUCTION AND OPERATIONS MANAGEMENT SOCIETY

- ✓ NATIONAL ASSOCIATION OF PURCHASING MANAGEMENT
- ✓ COUNCIL OF SUPPLY CHAIN MANAGEMENT PROFESSIONALS
- ✓ INSTITUTE OF SUPPLY MANAGEMENT

## **SERVICE TO UNIVERSITY/SCHOOL/DEPARTMENT**

### **UNIVERSITY LEVEL**

#### **University of Miami**

- University Research Council – Member. 2009 – current
- Faculty Senate – Academic Standards Committee Member. 2008 – current
- Faculty Senate – Students Affairs Committee. 2010 - current
- Faculty Learning Community – Member - Search Committee. 2009.
- Graduate Council Member – Elected School of Business Representative. 2004-2008
- School of Business Representative – **IRB**. 2006
- Search Committee – Graduate School Dean. 2007
- Faculty Participant – Preparing Future Faculty – Workshop organized by Graduate School. 2008-09.
- University Teaching Excellence Award – Search Committee. 2006.

#### **Washington State University**

- *Faculty Governance Committee* – Committee Member

### **SCHOOL OF BUSINESS**

#### **University of Miami**

- School Council – Elected Departmental Representative. 2009 – current

- Undergraduate Curriculum Task Force Committee – Member – 2007-2008
- RMBA – Orientation – Faculty Facilitator (Multiple times).
- Executive MBA & WP – Orientation – Faculty Facilitator (Multiple times)

### Washington State University

- *Business Student Quality Assessment Committee* - Member

### University of Southern Mississippi

- *MBA Advisory Team*, College of Business
- Member of the *Continuous Improvement Team*
- Member of team in building the core business degree program in Production and Operations Management & Management Science

## DEPARTMENTAL LEVEL

### University of Miami

- Web Coordinator – **Working Paper Series**. 2007, 2008.
- Search Committee Member– OM Faculty Recruiting (Multiple times)

### University of Southern Mississippi

- Member of the *Curriculum Development and Outcome Assessment*. 1994-1998
- Member of *Curriculum and Assessment team*. 1995-1998
- Member of *Management core courses team*. 1996-1998