

RAM NARASIMHAN
JOHN H. MCCONNELL ENDOWED PROFESSOR
UNIVERSITY DISTINGUISHED PROFESSOR
MICHIGAN STATE UNIVERSITY
(Revised April, 2015)

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EDUCATION

Indian Institute of Technology, Mechanical Engineering, B.S. (1969)

Emphasis: machine design, turbo machines and heat transfer. Thesis: "Atomization Using Hartmann Whistle."

University of Minnesota, Industrial Engineering, M.S. (1971)

Emphasis: mathematical programming and optimization, production planning and inventory control, and statistical quality control. Thesis: "Cumulative Sum Control Charts for Statistical Quality Control."

University of Minnesota, Management Science, Ph.D. (1976)

Major in Management Science, minors in Operations Management and Management Information Systems. Emphasis: applied statistics and econometrics, simulation, optimization, operations planning and control. Thesis: "An Investigation of Management Science as a Change Process and Implications for Implementation."

Massachusetts Institute of Technology, System Dynamics Internship (1977-78)

The internship at MIT was part of a large-scale research project funded by the Department of Labor, to investigate employment policies. The internship involved residence at MIT and working with the system dynamics group at MIT. Studies emphasized large scale, policy oriented simulation modeling using the system dynamics approach.

ACADEMIC EMPLOYMENT

July 2006 – Present

John H. McConnell Endowed Professor, Michigan State University

Sept 1998 - Present

University Distinguished Professor, Michigan State University

Sept 1992- 1998

Professor, Department of Management and Department of Marketing & Supply Chain, Management, Michigan State University

Sept 1990-Sept 1992

Professor, Department of Management and **Director**, Center for International Business Education Research (CIBER), Michigan State University

July 1985-Sept 1991

Professor and Chair, Department of Management, Michigan State University

1984-1985 (June)

Associate Professor and Acting Chair, Department of Management, Michigan State University

1980-1984

Associate Professor, Department of Management, Michigan State University

1977-1980

Assistant Professor, Department of Management, Michigan State University

1976-1977

Assistant Professor (visiting), Department of Management Sciences, University of Minnesota

1974-1976

Teaching Associate, Department of Management Sciences, University of Minnesota.

1975

Research Assistant, Department of Management Sciences, University of Minnesota.

1971-1973

Teaching Assistant, Department of Management Sciences, University of Minnesota.

1971

Research Assistant, Department of Pediatrics, University of Minnesota.

INDUSTRIAL EMPLOYMENT

1973-1974

Staff Industrial Engineer, Computer Manufacturing Division, Control Data Corporation. Responsibilities were in the areas of manpower planning, planning and control of computer manufacturing operations, capacity requirements planning and special projects. Served as Chairperson of the Management Systems User's Committee. Involved in the development of two major manufacturing information systems.

TEACHING

Management Science

Decision Making Models (Graduate)
Applied Stochastic Processes (Graduate)
Stochastic Systems Simulation (Graduate)
Policy Analysis-System Dynamics Simulation (Graduate)
Advanced Stochastic Processes (Doctoral)
Applications of Management Science (Doctoral)
Decision Making Models-Executive MBA Program
Design and Analysis of Experiments (Doctoral)
Analytical Models in Operations Management Research (Doctoral)
Advanced Analytical Models in Operations Management (Doctoral)
Statistical Research Methods in OM (Doctoral)

Operations Management

Introduction to Operations Management (Undergraduate, Graduate)
Topics in Operations Management (Undergraduate)
Production Planning and Inventory Control (Graduate)
Computer Integrated Manufacturing (Undergraduate)
Advanced Operations Management (Graduate)
Manufacturing Strategy (Doctoral)
Total Quality Management (Graduate)
Operations Strategy (Graduate)
Project Management (Undergraduate)
Manufacturing/Supply Chain Innovation (Graduate)
Manufacturing Planning and Control (Undergraduate)

Management Information Systems

Management Information Systems Analysis and Design (Graduate)

Decision Support Systems (Graduate)

Introduction to MIS (Graduate)

DOCTORAL ADVISING

Dissertation Chair

Walter Riley
Aaron P Blossom
Laura Birou
Byung Sohn
Joel Litchfield
David Mendez
K.C.Tan
Ajay Das
Jayanth Jayaram
XinYan Wang
Eric Jackson
Soo Wook Kim
Anand Nair

Santosh Mahapatra

Wen Ming Chung
Sridhar Viswanathan
Ravi Srinivasan

Thomas Kull
Myung-Kyo Kim
Scott DuHadway

Dissertation Area

Manufacturing Strategy
Staff Scheduling
Purchasing/Design Process
Optimal Technology Acquisition
Operations Scheduling
Price-Quality Dynamics
Operations Scheduling
Supply Chain Management
New Product Development Process
Manufacturing Strategy
Price-Quality Dynamics
Dynamics: Buyer-Supplier Relationship
Differential Game: Product Innovation in
Supply Chains
Optimal Sourcing Decisions under Price
Uncertainty
Essays in Supply Chain Contracts
Risk Management in Outsourcing
Supplier Opportunism in Strategic
Outsourcing
Organizational Culture and Quality
Supply Networks and Performance
Asymmetries in Buyer-Supplier
Relationships

Dissertation Committees

Arthur A. Rasher (Finance)
Alton Coner (Management Science)
Farouk Ben-Gazel (Management Science)
David Ho (Operations Management)
Eilif Somnez (Marketing)
Kwong Chen (Marketing)
Temyos Pandejpong (Operations Management)
David Gaiser (Agricultural Engineering)

Sanjeeve George (IE/Operations Research)
Billur Askeniz (Marketing)
Marian Oosterhuis (Operations Management)
Frederik Zakhariason (Operations Management)

EXECUTIVE EDUCATION

Executive MBA Program

Taught the decision analysis course for 29 years (1977-2005)

Executive and In-house Presentations to over 250 firms on:

Project Management
Management of Quality
Strategic Planning
Strategic Sourcing/Supply Chain Strategy

Executive Education Programs in Hungary, Poland and the Czech Republic (1991-1993)

Total Quality Management
Operations Analysis and Process Improvement

Contemporary Management Issues Module (EMBA)

TQM
Global Management Issues

Program in Integrated Management (PIM)

Total Quality Management

PROFESSIONAL AFFILIATIONS

Decision Sciences Institute (DSI)
Academy of Management
American Production & Inventory Control Society (APICS, Past Member)
Production and Operations Management Society (POMS)
Institute of Supply Management (ISM)
INFORMS (Past Member)

INTERNATIONAL BUSINESS RELATED ACTIVITIES

Director of Research, MSU-CIBER, 1990-'92

In my capacity as Director of Research I worked with faculty in the College of Business and others to stimulate research interest in international business issues. My role was that of a facilitator. Responsibilities included evaluation of research proposals, communication

with faculty on CIBER and its research mission, deciding on award of research grants jointly with other directors of MSU-CIBER and contacts with external publics.

Pan-Pacific Conference, Member-Program Committee (1988-Present)

Member - Program Committee for the Pan-Pacific Conference on Business, Economic and Technological Exchange, for over 20 years. In addition, I have been an invited plenary speaker, paper presenter, discussant, panelist and session chair and organizer of special sessions.

Program Coordinator – MUCIA Executive Training Program in Operations Management, Hungary, Poland and Czechoslovakia, (1991-1993)

Developed the operations management module for training executives and managers in Poland, Hungary and Czechoslovakia. Coordinated the planning for these training sessions with Indiana University, the lead MUCIA institution and local faculty. Offered several training sessions on site along with faculty from MUCIA universities.

Program Director - Management Program in Sweden, Switzerland and Germany (1984-86)

Developed and offered a course on "Comparative Manufacturing Management and International Business" under the auspices of MSU's Overseas Studies program. This overseas study course gave undergraduate students in Business (and others) an opportunity to learn first-hand, management practices in highly successful Swedish, Swiss and German multi-national corporations.

Program Director - Overseas Study Program for Executive MBA students (1991-2006)

I directed the international business and overseas study program for the Executive MBA students from 1991 to 2006. The EMBA group has visited Sweden, Norway, Denmark, Finland, Germany, Spain, Austria, Belgium, United Kingdom, Switzerland, France, Poland, Japan, China, Hong Kong, Korea and Singapore under my leadership.

International Relations

I have traveled extensively over the past 30 years, including multiple trips to Sweden, Switzerland, Netherlands, Germany, Spain, Italy, Norway, Austria, Denmark, Hungary, Poland, Czech Republic, England, Korea, Japan, Hong Kong, Singapore, India, China, Taiwan, Thailand, Italy, Brazil, Mexico, New Zealand and Australia. These trips have included visits to multinational firms for research and data collection purposes, attendance at international conferences and visits to universities as visiting professor and as an invited speaker, and presentations to executives.

Presentations and Participation in International Business Conferences and Symposia

International Scientific Committee, EDSI Conference, Taormina, Italy 2015.

Performance Measurement of Supply Chains: Special Panel, Taormina, Italy 2015.

Publishing in Top-Tier journals, Plenary Session, ISDSI Conference, Pune, India, 2015.

Decision-Making in crises: Disaster Relief Management, Special session, EDSI, Kolding, Denmark, 2014.

Publishing in international journals, ISDSI Conference, June 2-4, Pune, India 2014.

Strategic Supply management, Keynote, DILF Executive Conference, Copenhagen, Denmark, May 8, 2014.

Rethinking Strategy in Supply Chain Management, Keynote, DAMCO Supplier Conference, Miami, Florida, 2013.

Globalization and its strategic imperatives: promoting CSR and sustainability, Plenary Presentation, Pan Pacific Conference, Johannesburg, South Africa, June 3, 2013.

External and Internal Knowledge Integration and Purchasing Performance, EDSI conference, Hungary, 2013.

Integrating Sustainability in Operations Management Education, Panel Presentation, International DSI conference, Bali, Indonesia, July 2013.

When is collaboration useful?: A Contingency Theory, Plenary Speech, ISDSI Conference, Hyderabad, India, December 2012.

Perspectives in Supply Chain Driven Innovation, Keynote, IBeN, Kolding, Denmark 2012.

Scientific Committee (Member), EDSI Conference, Istanbul, Turkey 2012.

Conceptual theory development in Operations Management: Plenary session, European DSI conference, Wiesbaden, Germany, 2011.

Quantitative versus Qualitative Research in Operations Management: Special panel session, EUROMA conference, Cambridge, U.K., 2011.

Does SCM need a paradigm shift? – Keynote Speech, SUPRE, Rio de Janeiro, Brazil, June 2010.

Emerging Trends in Supply management, Keynote Speech, IFPSM World Conference, Las Vegas, 2010.

Emerging Management Models: Plenary Panel Session, Costa Rica, June 2008.

Strategic Supply management: The Case of an Italian OEM, EUROMA, Groningen, Holland, 2008.

Contemporary Research Issues in SCM: ISDSI Conference, New Delhi, India 2008.

Supply Chain Risk Management – Invited Speaker and Chair, Pan pacific Conference, Dunedin, New Zealand 2007.

Supply Chain Trends Conference, Invited Participant, IMD, Switzerland 2007.

Relational Norms and Buyer-Supplier Relationships, Southern Denmark University, Denmark 2007.

Strategic Sourcing – Executive Forum organized by DILF, Denmark, March 2006.

Research Presentations: University of Southern Denmark, Aalborg University and Aarhus University, Denmark 2006.

Executive Planning Committee Member, International DSI Conference, Barcelona, Spain July 2005.

Invited Speaker, Emerging Scholars Program, POMS – EUROMA Second World Conference, Emerging Scholars Program, Cancun, Mexico, 2004.

Program Committee Member, Pan Pacific International Conference (1988-present)

Member, Program Committee, EUROMA/POMS conference, Italy (2003)

Program Committee Member, International DSI Conference, Chihuahua, Mexico (2001)

Presenter, Program Committee Member, International POMS Conference, Guaruja, Brazil (2001)

Presenter and Session Chair, International POMS conference, Sevilla, Spain (2000)

Member, International Advisory Committee, International DSI Conference, Athens, Greece (1999)

Session Chair and Presenter, International DSI Conference, Athens, Greece (1999)

Session Chair and Presenter, International DSI Conference, Australia (1997)

Program Committee Member, International DSI Conference, Mexico (1995)

Pan Pacific Conference: Presenter, Panelist, Session Chair (1985-2004)

Participant, GMRG Conference, Hong Kong (1998)

Invited Presentation - IFORS conference, Vancouver, B.C., Canada (1996)

CIBER Directors Meeting, Academy of International Business, Toronto, (1990)

Panel Presenter, Internationalizing the Curriculum, December 1990.

Panel Presenter and Moderator, "Barriers to internationalizing the curriculum" Aquinas College, Grand Rapids, March 1991.

CIBER Directors Meeting, AACSB Conference, St. Louis, May 1991.

Presentation to Ball State University delegation on internationalizing the business curriculum (1991)

COMMITTEE ASSIGNMENTS

University

American Association for Higher Education, Ad hoc Advisory Committee
American Council on Education (ACE) Fellows Selection Committee
Lilly Foundation Fellows Selection Committee
College Representative, ISP Deans Advisory Committee
Honorary Degree Committee
University Committee on Academic Integrity
Editorial Board, ReCUR

College

Byington Chair selection committee (2012)
Pasant Chair in Finance, Review Committee (2013)

Chair, Retention Promotion and Tenure Review (RPT) Committee (2012-2013)
RPT committee, 2010-2015.
Chair, OSM Search Committee (2010-11, 2011-12)
Search Committee - Director of Executive Programs
Doctoral Programs Committee
International Business Task Force
Management of Information Systems Curriculum Committee
Dean's Ad Hoc Committee - Engineering Management Program
College Advisory Council
College Strategic Planning Committee
CQI-Placement Services Committee
Committee to Review Professorships in College
EMBA Endowment Fund Committee
Search Committee – Hoagland-Metzler Chair in Purchasing

Department

Area Head – Operations and Sourcing Management
Numerous ad hoc and standing committees
Doctoral program Director and advisor, Operations and Sourcing Management
Search Committee OM position
Prelim Committee

RESEARCH AND PUBLICATIONS

Articles under review

1. S. Mahapatra, R. Narasimhan and T. Hult. “Strategic Sourcing Across Component Life Cycle Stages: Relevance of Multiple Mode Governance”, *Industrial Marketing Management*.
2. S. Mahapatra, S. Levental and R. Narasimhan, “Price Uncertainty and Risk-Averse Procurement: Integrating Contract and Open Market Alternatives,” *International Journal of Production economics*.
3. S. Mahapatra, A. Bisi, R. Narasimhan and S. Levental, “Integrated Contract and Market Procurement by A Risk Averse Buying Firm”, *IEEE Transactions on Engineering Management*.
4. Tobias Schoenherr, S. Narayanan and R, Narasimhan, “The influence of contextual complexity on trust and the moderating role of process integration: identifying dynamics in outsourcing relationships,” *International Journal of Production Economics*.

5. K. J. Choi, R. Narasimhan and Soo Wook Kim, "Opening the Technological Innovation Black Box: A System Dynamics Examination," *European Journal of Operational Research*.
6. Ravi Srinivasan and R. Narasimhan, "Governance mechanisms as Gestalts in managing strategic outsourcing engagements," *Decision Sciences Journal*.

Research Publications

1. Ram Narasimhan, Tobias Schoenherr, Brian Jacobs and Myung Kyo Kim, "The Financial Impact of FSC certification in the United States: A Contingency Perspective," *Decision Sciences Journal*, (in press).
2. Schoenherr, Tobias, Ram Narasimhan and Piyas Bandyopadhyay, "The Assurance of Food Safety in Supply Chains via Relational Networking," *International Journal of Operations and Production Management*, (in press).
3. R. Narasimhan and A. Nair, "Towards a Theory-Driven Research Agenda in Six Sigma Quality Innovation: Linking Research Opportunities with Organization Theory Typology," *International Journal of Quality Innovation*, (in press)
4. R. Narasimhan, "Research on Buyer-Supplier Relationships: A retrospective and opportunities for further Research," Invited Paper, *Journal of Operations Management*, (in press).
5. A. Hanghoj and R. Narasimhan, "Building Risk Management Capability," *Research in the Decision Sciences for Global Business*, pp. 265-281, Pearson FT Press, ISBN-13: 9780134052328, 2015 (A collection of best papers from EDSI conference, Budapest, Hungary 2013).
6. S. Narayanan, R. Narasimhan and T. Schoenherr, "Assessing the contingent effects of collaboration on agility performance in buyer-supplier relationships," *Journal of Operations Management*, Volumes 33, No. 1, pp. 140-154, 2015.
7. Chung, Wenming; Talluri, Srinivas; Narasimhan, Ram, "Optimal pricing and inventory strategies with multiple price markdowns over time," *European Journal of Operational Research*, Vol. 243, No. 1, pp. 130-141, May 2015.
8. Melnyk, Steven A; Narasimhan, Ram; DeCampos, Hugo A, Supply chain design: issues, challenges, frameworks and solutions," *International Journal of Production Research*, Vol. 52, No. 7, pp. 1887-1896, 2014.

9. Narasimhan, Ram, "Theory Development in Operations Management: Extending the Frontiers of a Mature Discipline via Qualitative Research," *Decision Sciences Journal*, Vol. 45, No. 2, pp. 209-227, 2014.
10. Narayanan, Sriram; Narasimhan, Ram, "Governance Choice, Sourcing Relationship Characteristics, and Relationship Performance," *Decision Sciences Journal*, Vol. 45, No. 4, pp. 717-751, 2014.
11. W. Chung, S. Talluri and R. Narasimhan, "Quantity Flexibility Contract in the Presence of Discount Incentive," *Decision Sciences Journal*, Vol. 45, No.1, pp. 49-79, 2014.
12. R. Narasimhan, S. Narayanan and R. Srinivasan, "An Investigation of Justice in Supply Chain Relationships and their performance impact," *Journal of Operations Management*, Vol. 31, No. 5, pp. 236-247, 2013.
13. Anand Nair, Mariana Nicolae, and R. Narasimhan, "Examining the impact of clinical quality and clinical flexibility on cardiology unit performance: Does experiential quality act as a specialized complementary asset?" *Journal of Operations Management*, Vol. 31, No. 7, pp. 505-522, 2013.
14. Narasimhan, Ram, and Tobias Schoenherr. "Revisiting the progression of competitive capabilities: results from a repeated cross-sectional investigation," *International Journal of Production Research*, Vol. 51, No. 22, pp. 6631-6650, 2013.
15. Ram Narasimhan and S. Narayanan, "Perspectives on Supply Network-Enabled Innovation," *Journal of Supply Chain Management*, Vol 49, No. 4, pp.27-42, 2013.
16. R. Narasimhan, T. Schoenherr and J. Sandor, "Profiles in Supply Management Excellence," *Supply Chain Management Review*, Vol. 17, No. 4, 2013.
17. T. Kull, S. Ellis and R. Narasimhan, "Reducing Behavioral Constraints to Supplier Integration: A Socio-Technical Systems Perspective," *Journal of Supply Chain Management*, Vol. 49, No. 1, pp. 64-86, 2013.
18. K. Choi, R. Narasimhan and S.W. Kim, "Postponement Strategy for International Transfer of Products in Global Operations: A System Dynamics Examination," *Journal of Operations Management*, Vol. 30, No. 3, pp. 167-179, 2012.
19. T. Kull, R. Narasimhan and R. Schroeder, "Sustaining the Benefits of a Quality Initiative through Cooperative Values: A Longitudinal Study," *Decision Sciences Journal*, Vol. 43, No. 4 pp. 553-588, 2012.
20. Wen Ming Chung, R. Narasimhan and S. Talluri, "The role of schedule mismatch in ending inventory decisions in the presence of price cuts," *Journal of Business Logistics*, Vol. 33, No. 4, pp. 262-278, 2012.

21. S. Mahapatra, A. Das, and R. Narasimhan, "A Contingent Theory of Supplier Management Initiatives: Effects of Competitive Intensity and Product Life Cycle", *Journal of Operations Management*, Vol. 30, No. 5, pp. 406-422, 2012.
22. S. Mahapatra, R. Pal and R., Narasimhan, "Hybrid (re)manufacturing: manufacturing and operational implications," *International Journal of Production Research*, Vol. 50, No. 14, pp. 3786-3808, 2012.
23. R. Narasimhan and T. Schoenherr, "The Effects of Integrated Supply Management Practices and Environmental Management Practices on Relative Competitive Quality Advantage," *International Journal of Production Research*, Vol. 50, No. 4, pp. 1185-1201, 2012.
24. Schoenherr, Tobias and R. Narasimhan, "The Fit between Capabilities and Priorities and its Impact on Performance Improvement: Revisiting and Extending the Theory of Production Competence," *International Journal of Production Research*, Vol. 50, No. 14, pp. 3755-3775, 2012.
25. T. Schoenherr, D. Power, R. Narasimhan and D. Samson, "Competitive capabilities among manufacturing plants in developing, emerging, and industrialized countries: A comparative analysis," *Decision Sciences*, Vol. 43, No.1, pp. 37-72, 2012.
26. T. Schoenherr, S.B.Modi, W.C. Benton, C.R.Carter, T.Y.Choi, P.D.Larson, M.R.Leenders, V.A.Mabert, R. Narasimhan and S.M.Wagner, "Research Opportunities in Purchasing and Supply Management," *International Journal of Production Research*, Vol. 50, No. 16, pp. 4556-4579, 2012.
27. R. Narasimhan, T. Kull and A. Nahm, "Alternative Relationships among Integrative Beliefs, Time-Based Manufacturing and Performance," *International Journal of Operations and Production Management*, Vol. 32, No. 4, pp. 496-524, 2012.
28. W. Chung, S. Talluri, and R. Narasimhan, "Price Markdown Scheme in a Multi-Echelon Supply Chain," *European Journal of Operational Research*, Vol. 215, No. 3, pp. 581-589, 2011.
29. A. Nair, R. Narasimhan and T.Y. Choi, "Supply Networks as a Complex Adaptive System: Toward Simulation-Based Theory Building on Evolutionary Decision Making", *Decision Sciences*, Vol. 40, No. 4, pp. 783-815, 2011.
30. Narasimhan, Ram, J. Sandor, and Tobias Schoenherr. "A Real-World Take on Transformation," *Supply Chain Management Review*, Vol. 15, No. 2, pp. 22-29, 2011.

31. Eric Jackson and Ram Narasimhan, "A Dynamic Pricing Game Investigating the Interaction of Price and Quality on Sales Response," *The Journal of Business & Economics Research*, Vol. 8, No. 9, 2011.
32. T. Kull and R. Narasimhan, "Quality Management and Cultural Values: Investigation of Multi-level Influences on Workgroup Performance," *Decision Sciences*, Vol. 41, No. 1, pp. 81-113, 2010.
33. W. Chung, S. Talluri and R. Narasimhan, "Flexibility or Discount: Sourcing Decisions with two Suppliers," *Decision Sciences*, Vol. 41, No. 3, pp. 625-650, 2010.
34. S. Talluri, R. Narasimhan and W. Chung, "Manufacturer Cooperation and Supplier Development under Risk," *European Journal of Operational Research*, Vol. 207, No. 1, pp. 165-173, 2010.
35. R. Narasimhan, M. Swink and S. Viswanathan, "On Decisions for Integration Implementation: An Examination of Complementarities between Product-Process Technology Integration and Supply Chain Integration" *Decision Sciences*, Vol. 41, No. 2, pp. 197-227, 2010.
36. A. Nair, R. Narasimhan, R., E. Bendoly, "Co-opetitive Buyer-Supplier Relationship: An Investigation of Bargaining Power, Relational Context and Investment Strategies," *Decision Sciences*, Vol. 41, No.1, pp. 93-127, 2010.
37. S. Mahapatra, R. Narasimhan and P. Barbieri, "Strategic Interdependence, Governance Effectiveness and Supplier Performance: A Case Study Investigation and Theory Development," *Journal of Operations Management*, Vol. 28, No. 6, pp. 537-552, 2010.
38. R. Narasimhan, J. Sandor (Eds.), *Leadership and Strategic Change: Pathways to Organizational Transformation*, Monograph, Broad Graduate School of Management, Michigan State University, East Lansing, MI, 2010.
39. R. Narasimhan, S. Narayanan and R. Srinivasan, "Explicating the Mediating Role of Integrative Supply Management Practices in Strategic Outsourcing: A Case Study Analysis," *International Journal of Production Research*, vol. 48, no.2, p. 379-404, 2010.
40. R. Narasimhan, A. Nair, D. Griffith and J. Arlbjorn, E. Bendoly, "Lockin situations in supply chains: social exchange theoretic study of sourcing arrangements in power-based buyer-supplier relationship," *Journal of Operations Management*, Vol. 27, No. 5, pp. 374-389, 2009.
41. R. Narasimhan and S. Talluri, "Perspectives on Risk Management in Supply Chains", *Journal of Operations Management*, vol. 27, no. 2, pp. 114-118, 2009.

42. A. Nair, R. Narasimhan, and T. Choi, "Supply Networks as a Complex Adaptive System: Toward Simulation-Based Theory Building on Evolutionary Decision Making," *Decision Sciences*, 40(4), pp. 783-815, 2009.
43. R. Narasimhan and S. Narayanan, "In Search of Outsourcing Excellence," *Supply Chain Management Review*, pp. 36-42, March 2009.
44. R. Narasimhan, S.W. Kim and K.C.Tan, "An Empirical Investigation of Supply Chain Typologies and their relationship to Performance," *International Journal of Production Research*, Vol. 46, No. 18, pp. 5231- 5259, 2008.
45. R. Narasimhan, S. Mahapatra and Jan Arlbjorn, "Impact of Relational Norms, Supplier Development and Trust on Supplier Performance," *Operations Management Research*, Vol. 1, No. 1, pp. 24-30, 2008.
46. R. Narasimhan, S. Talluri, and S. Mahapatra, "Effective Response to RFQs and Supplier Development: A Seller's Perspective," *International Journal of Production Economics*, Vol. 115, No. 2, pp. 461-470, 2008.
47. S. Talluri, R. Narasimhan and S. Viswanathan, "Information Technologies for Procurement Decisions: A Decision Support System for Multi-Attribute E-Reverse Auctions," *International Journal of Production Research*, 45(11), 2615-2628, 2007.
48. F. Montabon, R. Sroufe and R. Narasimhan, "An Examination of Corporate Reporting, Environmental Management Practices and Firm Performance," *Journal of Operations Management*, Vol. 25, No. 5, pp. 998-1014, 2007.
49. R. Narasimhan, "Relational Norms, Supplier Development and Trust: Framework for Supplier management" (Swedish Title: Relationalnormer, leverantorsutveckling och tillit: framgangsfactorer med leverantorer), *Produktionsstrategi*, 3(4), (Invited Paper), December 2007.
50. M. Swink, R. Narasimhan and S. Kim, "Linking Practice to Performance: Empirical study of High Performing Manufacturing Plants," *Production Inventory Management Journal*, 44, VI-1-9, 2007.
51. J. Jayaram and R. Narasimhan, "The Influence of New Product Development Competitive Capabilities on Project Performance," *IEEE Transactions on Engineering Management*, Vol. 54, No. 2, pp. 241-256, May 2007.
52. Swink, M., R. Narasimhan, and X. Wang, "Managing Beyond the Factory Walls: Effects of Four Types of Strategic Integration on Manufacturing Plant Performance," *Journal of Operations Management*, 25(1), 148-164, 2007.

53. K.C. Tan, V. Kannan and R. Narasimhan, "The Impact of Operations Capability on Firm Performance," *International Journal of Production Research*, Vol. 45, No. 21, pp. 5135-5156 November 2007.
54. D. Mendez and R. Narasimhan, "Dynamic Interactions among Price, Quality, Durability and the Sales Rate in a Steady State Environment: A Theoretical Analysis," *Mathematical and Computer Modeling*, Vol. 44, No. 1-2, pp. 49-64, 2006.
55. Ram Narasimhan, S. Talluri and S. Mahapatra, "Multi Product, Multi-Criteria Model for Supplier Selection with Product Life Cycle Considerations," *Decision Sciences*, Vol. 37, No. 4, pp.577-603, 2006.
56. R. Narasimhan, M. Swink and S. W. Kim, "Disentangling Leanness and Agility: An Empirical Investigation," *Journal of Operations Management*, 24, pp. 440-457, 2006.
57. A. Das, R. Narasimhan and S. Talluri, "Supplier Integration – Finding an Optimal Configuration," *Journal of Operations Management*, vol. 24, no. 5, pp. 563-582, 2006.
58. S. Talluri, W. Chung and R. Narasimhan, "An Optimization Model for Phased Supplier Integration into E-Procurement Systems", *IIE Transactions*, vol. 38, no. 5, pp. 389-399, 2006 (Lead Article)- (The contribution of this paper to capital investment decisions is highlighted in *Industrial Engineer*, May, p. 52, 2006.
59. A. Nair and R. Narasimhan, "Dynamics of Competing with Quality and Advertising Based Goodwill," *European Journal of Operational Research*, 175(1), 462-474, 2006.
60. S. Talluri, R. Narasimhan and A. Nair, "Vendor performance with supply risk:A chance-constrained DEA approach," *International Journal of Production Economics*, 100 (2), 212- 222, 2006.
61. R. Narasimhan and A. Nair, "The Antecedent Role of Quality, Information Sharing and Supply Chain Proximity on Strategic Alliance Formation and Performance" *International Journal of Production Economics*, 96 (3), pp. 301-313, 2005.
62. R. Narasimhan, M. Swink and Soo-Wook Kim, "An Exploratory Study of Manufacturing Practices – Performance Interrelationships: Implications for Capability Progression," *International Journal of Operations and Production Management*, 25(10), 1013-1033, 2005.
63. M. Swink, R. Narasimhan and Soo-Wook Kim, "Manufacturing Practices and Strategy Integration: Effects on Cost Efficiency, flexibility and Market Based Performance," *Decision Sciences*, 36(3), 427-458, 2005.

64. R. Narasimhan, S. Talluri, J. Sarkis and A. Ross, "Efficient Service Delivery Network Design in Government Services," *Journal of Operations Management*, Vol.23, No. 2, pp. 161-178, 2005.
65. S. Talluri and R. Narasimhan, "A Methodology for Supply Base Optimization," *IEEE Transactions on Engineering Management*, Vol. 52, No. 1, pp. 130-139, 2005.
66. K.C.Tan, V.R. Kannan, J. Jayaram and R. Narasimhan, "Acquisition of Operations Capability: A Model and Test across US and European Firms," *International Journal of Production Research*, 42-4, pp. 833-851, 2004.
67. R. Narasimhan and S. Mahapatra, "Decision models in global supply chain management," *Industrial Marketing Management*, 33(1), pp. 21-27, 2004.
68. Srinivas Talluri and Ram Narasimhan, "A Methodology for Strategic Sourcing," *European Journal of Operational Research*, vol. 154, no. 1, pp. 236-250, 2004.
(This paper is in top 15 **most requested papers published in EJOR** from April 2002-2004, Rank 15).
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- P. Barbieri, S. Mahapatra and R. Narasimhan, "Strategic Supplier Management: The Case of an Italian OEM," Proceedings: EUROMA conference, University of Groningen, Groningen, Netherlands, June 2008.
- R. Narasimhan, S. Talluri and S. Mahapatra, "Evaluating Multi-Factor Bids for Agile Supply base Configuration," *Proceedings: National Conference of the Decision Sciences Institute*, Washington, D.C., November 2003.
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F. Montabon, R. Srouffe, R. Narasimhan and Xinyan Wang, "An Examination of the Relationship Between Environmental Practices and Firm Performance," *Proceedings: 33rd DSI National Conference*, San Diego, CA (November 2002) **Received the best paper award sponsored by Lucent Technologies and Decision Sciences Institute.**

S. Talluri and R. Narasimhan, "The use of Efficient Marginal Costs in Purchasing Decisions," *Proceedings: International Conference of the Decision Sciences Institute*, Chihuahua, Mexico, July (2001)

R. Sroufe, F. Montabon, R. Narasimhan and X. Wang, "A framework for Corporate Environmental Management and its Application for Enhancing Environmental Management," *Proceedings: National Conference of the Decision Sciences Institute*, San Francisco, November (2001). **Received the best paper award sponsored by Lucent Technologies and the Decision Sciences Institute.**

J. Jayaram and R. Narasimhan, "The Direct and Synergistic Influence of New Product development Competitive Priorities on Project performance," *Proceedings: DSI National Conference*, Orlando, FL (2000)

A. Das and R. Narasimhan, "Process-Technology Fit and its Implications for Manufacturing Performance," *Proceedings: National Conference of the Decision Sciences Institute*, New Orleans, LA (1999).

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D. Mendez, S. Ghosh and R. Narasimhan, "Joint determination of Optimal price and quality policies," *Proceedings: National DSI Conference*, San Francisco, November 1992.

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L. Ghosh and R. Narasimhan, "The Design for Manufacturability: An Assessment of Research Opportunities," *Proceedings: DSI National Conference*, Miami Beach, Florida, November, 1991.

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S.A. Melnyk, R. Narasimhan, R. Smith, "Computer Integrated Manufacturing: Do You Have The Right Type?" *Proceedings, APICS Nationals Conference*, New Orleans, October 1990.

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S.A. Melnyk and R. Narasimhan, "The Principles of Successful CIM Implementation," *Proceedings of the International Conference of the American Production and Inventory Control Society*, Las Vegas, NV, October 17-11, 1988.

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S.A. Melnyk and R. Narasimhan, "Successful Implementation of CIM: Principles and Practices," *Proceedings of the APICS Conference*, Dallas Texas, April 1988.

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R. Narasimhan, S. Ghosh and P.A. Blossom, "Strategic Aspects of Product Quality: A Policy Simulation," *Proceedings: Midwest DSI Conference*, May 1988, Louisville, Kentucky.

R. Narasimhan and W.J. Riley, "Defining Indicators of Nursing Home Quality: Analytic Hierarchic Process in a Focus Group Setting," *Proceedings of the Midwest DSI conference*, Toledo, 1987.

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R. Narasimhan, A. Hogan, P. Shaheen and A. Doughty, "Evaluating Nursing Home Quality and Policy Development for Improving Quality," *Proceedings: American Public Health Association*, National Conference, Chicago, 1987.

J. Carter, R. Monczka, R.Narasimhan, and S.Vickery, "International Purchasing: A Research Agenda for the 1980s and Beyond," *Proceedings: National DSI Conference*, Hawaii, 1986.

R. Narasimhan, P. A. Rubin, and S. A. Melnyk, "Analyzing Simulation Output Using Time Series Intervention Analysis," *Proceedings: National AIDS Conference*, Las Vegas (1985).

R. Narasimhan, "Goal Programming: Past, Present and Future," *Proceedings of the 1985 Midwest Decision Sciences Institute Conference*, Lincoln, Nebraska.

R. Narasimhan and J. F. Wood, "An Application of the Analytic Hierarchic Process for a Site Selection Decision," *Proceedings: National AIDS Conference*, Toronto, 1984.

R. Narasimhan, "An application of multi-attribute utility theory to a capacity expansion problem in the utility industry," *Proceedings, National AIDS Conference, San Antonio*, 1983.

R. Narasimhan, "Aggregating uncertain expert opinion in multi-criteria decision problems." *Proceedings: Twelfth Annual Conference of the American Institute of Decision Sciences*, Boston (1981).

R. Narasimhan, "Aggregating expert evaluations: Comparison of two composite methods," *Proceedings: Eleventh Annual Conference of American Institute of Decision Sciences, Las Vegas* (1980).

R. Narasimhan and J. K. White, "Manpower planning: A case study in the application of system dynamics," *Proceedings: Eleventh Annual Conference of American Institute of Decision Sciences, Las Vegas* (1980).

R. Narasimhan, "Modeling and simulating the dynamic interactions of qualitative variables," *Proceedings: Eleventh Annual Conference of American Institute of Decision Sciences* (1979).

J. K. White and R. Narasimhan, "Impact of employment tax credits--a system dynamics analysis," *Proceedings: Summer Simulation Conference, Toronto* (1979).

R. Narasimhan, "A simulation analysis of timeliness and accuracy of information on system performance," *Proceedings: Tenth Annual Conference of American Institute of Decision Sciences* (1978).

J. C. Anderson and R. Narasimhan, "Towards an approach to utilizing theories of implementation of MS/OR," *Proceedings: Ninth Annual Conference of American Institute of Decision Sciences* (1977).

FELLOWSHIPS, HONORS and AWARDS

Dennis Grawoig Distinguished Service Award

Given in recognition of outstanding service to the Institute, Decision Sciences Institute (2012).

Distinguished OM Scholar Award

For life-time contributions to operations management research, Academy of Management (2009).

Distinguished Global Researcher Award

Given by Pan Pacific Business Association (2009).

Distinguished Faculty Award

In recognition of outstanding Contributions to the Intellectual Environment of Michigan State University, 2006.

Fellow, Decision Sciences Institute

Fellow, Pan Pacific Business Association.

Fellow, Alpha Iota Delta Honor Society

Editor-in-Chief (Emeritus), *Decision Sciences Journal*

Senior Editor, *Production Operations Management Journal (Present)*

Associate Editor, *Decision Sciences Journal(Present)*

Associate Editor, *Journal of Operations Management (Present)*

Associate Editor (Emeritus), *Quality Management Journal*

Area Editor (Emeritus), *Production Operations Management Journal*

Associate Editor, *International Journal of Process Management and Benchmarking*

Editorial Board (Emeritus), *Journal of Supply Chain Management*

Editorial Board, *International Journal of Quality Innovation (Present)*

CIC Academic Leadership Fellow, One of six fellows selected by the University to participate in the CIC Academic Leadership Fellows Program for individuals showing "exceptional promise in administration and academic leadership."

Distinguished Service Award, Academy of Management P/OM Division (1990)

Dissertation Chair, Best Dissertation (Student: Anand Nair), Elwood Buffa Dissertation Competition, Decision Sciences Institute, 2004.

Visiting Scholar

University Southern Denmark (2014)

Corvinus University, Hungary (2013)

International Business School, Hyderabad, India (2012)

European Business School, Germany (2010)

University of Groningen, Netherlands (2009)

University of South Carolina, South Carolina (2009)

University of Houston, Houston, Texas (2008)

University of Bologna, Italy (2007, 2008)

Clarkson University, Potsdam, N.Y. (2008)

Seoul National University, Korea (2008, 2010, 2011, 2012)

Institute of Management Technology (IMT), Ghaziabad, India (2008)

Aarhus University, Denmark (2007)

Aalborg University, Denmark (2006)

University of Southern Denmark (2006, 2008, 2010, 2012, 2013, 2014, 2015)

Institute of Finance and Management Research (IFMR), India (2006)
Indiana University (2000)
University of Minnesota (2001)
University of Kentucky (1999)
University of Southern Denmark (1999)
University of Nevada (1999)
University of North Carolina, Chapel Hill (1998)
Arizona State University (1998)
Yonsei University, Seoul, Korea (1998)
University of Otago, Dunedin, New Zealand (1997)
St. Andrews University, Osaka, Japan (1996)
Chinese University of Hong Kong (1995)

RESEARCH GRANTS

Principal Investigator: Demand management and supply chain visibility, Project funded by Lear Corporation, 2014.

Co- Principal Investigator: An Examination of World Class Manufacturing and Linkages to Operations Strategy – Project Funded by Michigan State University and, sponsored by *Industry Week* (1999-2000).

Principal Investigator: Implementing E-Procurement Solutions, Project funded by the Center for Advanced Purchasing Studies (CAPS).

Co-principal Investigator: Environmental Audits and Supply Chain Management (with Professor Joseph Carter) - Project funded by the Center for Advanced Purchasing Studies (CAPS), 1996-97.

Co-principal Investigator: Purchasing Futures Research: Project funded by the Center for Advanced Purchasing Studies (CAPS) (with Professor Joseph Carter). An Empirical Investigation of the Strategic Role and Importance of Supply Management (1994-95)

Principal Investigator: An Investigation of Factors Affecting Product and Process Innovations and their Relationship to Corporate Strategy. Project funded by Michigan State University - Center for International Business Research (CIBER).

Co-principal Investigator: Multinational Corporate Restructuring and the International Competitiveness of U.S. Service Industries. Project funded by Michigan State University - Center for International Business Research (CIBER) (with Prof. Bagchi-Sen, Department of Geography).

Co-principal Investigator: The Role of Suppliers in Enhancing Product Quality and Customer Satisfaction. Project funded by Center for Advanced Purchasing Studies (CAPS), Tempe,

Arizona (with Professor Joseph Carter, Department of Purchasing and Transportation Administration, Arizona State University).

Co-principal Investigator: Planning, Implementing and Managing Computer Integrated Manufacturing: principles, practices and research needs (with Professor Melnyk). Project funded by American Production Inventory Control Society (APICS) 1987-88.

Co-principal Investigator: Michigan Manpower Dynamics research - a large socio-economic modeling effort using the system dynamics approach to examine manpower policies for the State of Michigan (with Professor J. Kenneth White), Project funded by the Department of Labor, 1977-1979.

Investigator: Prospective rate setting and its impact on cost increase for hospitals. The research effort concerned the development of a decision support system for the rate administrator for Minnesota hospitals (with Professor Carl Adams). Grant awarded by the Department of Health, State of Minnesota, 1976.

Fellowship (Purchasing Development Fund): To construct a System Dynamics Simulation model to examine purchasing policies, 1983-84.

Co-principal Investigator: Planning models for long-range planning of city operations for the Office of the Mayor of Lansing. Project funded by the U.S. Department of Commerce through the Institute for Urban Affairs, Michigan State University, 1984.

Co-principal Investigator: Defining, measuring and managing quality of care in Nursing homes. Project funded by Blue Cross-Blue Shield of Michigan through the Department of Public Health, State of Michigan and OMERAD, Michigan State University, 1986-87.

CONSULTING

Rolls Royce

Supply Network and Organizational Redesign, 2007

Agilent Technologies

Supply Chain – Order Fulfillment strategy, 2005-2006

Assigned Claims Facility

Standardized Reimbursement, Statistical Analysis, 2005-2006

Lear Corporation

Supply Chain Configuration Decision Model, 2004

Lego

Supply Chain Strategy Audit, 2004

SAP

Supplier Relations Management, 2003

Post, Denmark

Strategic Integration in SCM, 2002

Department of State

Assigned Claims Facility, 2001

Worthington Industries/Thyssen Steel

Strategic Planning, 2000

Department of State

Re-engineering, Purchasing Division 1999, 2000

Department of Management and Budget

Reengineering Bureau of Administrative Services, 1999

Eagle Ottawa Leather Company

Project Management, 1997, 1998, 1999

Taylor Welded Blanks

Strategic Operations Planning 1997, 1998

Department of State

Reengineering Branch Offices, 1996, 1997

Ermanco

Project Management, 1996

Amway

Project Management, 1996

Budd Plastics

Project Management, 1996

Allied Signal (Aerospace Division)

Project Management, 1996

Flagstar Bank

Performance evaluation using DEA, 1996

Department of Management and Budget

Business Process Re-engineering, 1996

Lionel Trains

Project Management, 1995, 1994

Budd Company

Project Management, 1995

Department of State

Re-engineering Project, 1995

Humphrey Products

Project Management, 1995

Northern Telecom (Nortel)

Supply-base Rationalization, 1994 and 1995

Quaker Oats

Supply Chain Management, 1994

Department of State

Performance evaluation and Planning model for branch offices, 1994

Department of Corrections

Hospital Scheduling and Quality Improvement, 1994

Specialized Pharmacy Services, McKesson

Consultant on a vehicle routing problem, 1993

Department of Public Health

Consultant: Evaluation of Michigan's Triplicate

Prescription Program, leading to testimony before House Subcommittee on substance abuse, 1992-93

Department of Corrections

Quality Improvement Project at Duane Waters Hospital, 1993.

Blue Care Network-Health Central

Consultant-Strategic Planning, 1991-92

Merillat Industries

Development of a Decision Support System for Sales Analysis (1990-91)

UpJohn Company

Evaluating comparative efficiency and effectiveness of two alternatives for implementing multiple copy prescription program. (1991)

Department of Licensing and Regulation

Evaluation of Triplicate Prescription Program, evaluation research (1990-91)

Litton - Lamb Technicon Division

Project Management (1991)

Diversey - Wyandotte Corporation

Project Management (1989)

General Motors Corporation

Development of a large scale computer model aimed at consolidation of routes for GM's out-bound logistics operations (1986-88).

Michigan Consolidated Gas Company

Statistical forecasting model for predicting "charge-offs" (1987-88)

Merrilat Industries

Development of a forecasting system for production planning (1988-89)

Bay Radiological Consultants

Development of a strategic business plan (1988)

Blue Care Network of Michigan

Development of a strategic business plan (1988)

Michigan National Bank

Project Management (1988)

Department of Licensing and Regulation

Senior consultant in the design of evaluation of Triplicate-Prescription Program (1988-89)

Clipper Belt Lacer Company

Consultant in the reorganization of the materials management function, and in the development of manufacturing and planning control systems (1987)

Marshall Fields

Decision support system for planning retail inventories and merchandizing (1988)

Office of the Racing Commissioner

Principal consultant in the design and development of a microcomputer-based licensing system (1987-88).

Lansing Chamber of Commerce

Principal consultant in the development of strategic and economic development plans (1987).

Roberts Corporation

Consultant micro-computer-based project management (1986).

Quincy Industries

Principal Consultant in the development of a strategic business plan for Quincy Industries (1987)

Department of Public Health, State of Michigan

Senior Consultant on the Management Improvement Program for the Division of Services to Crippled Children (1985)

BOC Group, General Motors Corporation

Consultant in Strategic Formulation of Manufacturing Resource Allocation Problems and Project Prioritizing (1985)

Department of Corrections, State of Michigan

Principal Consultant on a research project to develop a predictive model for risk analysis and probation (1985)

Brunswick Corporation

Principal Consultant. Developed a microcomputer based project management database and control system for a large scale project pertaining to a new bowling system (1985)

Hudson's-Warren Distribution Center

A Planning Model for estimating work load and manpower planning, a microcomputer based Decision support System for forecasting workload (1984)

Office of Management Information Systems, State of Michigan

A large scale management reorganization study of state prisons for the Department of Corrections (1984)

Ex-Cell-O Corporation

A Decision Support System for Project Management and Control. Developed a microcomputer based system for creating an engineering database useful in the management and control of research and development projects (1983)

Frank's Nursery and Crafts

A linear programming/transportation model for warehouse location analysis (1982)

Department of Mental Health, State of Michigan

Worked on planning model for predicting bed needs for acutely mentally ill patients (1982)

General Motors Assembly Division

Procurement allocation model: A large scale mixed-integer programming model for optimal procurement allocation decisions (1982)

Office of Management Practices, State of Michigan

Systems analysis for Life Services System (LSS): Pre-implementation simulation of the LSS system and an evaluation of policy implications (1982)

Childrens' Hospital of Michigan

A planning model for forecasting nurse supply and optimal scheduling of nurses (1981)

Clinical Center, Michigan State University

Demand forecasting, risk analysis. Feasibility study to determine if ambulatory surgical care unit is marketable (1981)

Oxy-Metal Industries

Line balancing and scheduling to minimize processing time (1981).

Colt Industries

An adaptive forecasting model for replacement parts (1980)

Holley Carburetors

Forecasting and inventory planning: Developed an adaptive exponential smoothing model (1980).

Basic Industry Research, Inc.

Data analysis of survey data (1979-80)

Kelsey-Hayes (Gunitite Division)

Optimal charging mix for blast furnace operations, a Linear Programming model for use by Engineering staff (1979).

Pierce and Brand

Expert witness before the Federal Energy Regulatory Commission, Washington, D.C., in the Louisiana Power and Light Company case. Development of econometric models for forecasting energy use and peak demand for electricity (1979)

Napco Industries

Interactive forecasting system for inventory planning: Developed an interactive planning model for forecasting and setting inventory levels for axles (1975-76)

SERVICE TO PROFESSIONAL SOCIETIES

Decision Sciences Institute (DSI)

President, 2009-2010

President Elect, 2008

Vice President and Member of the Board, 2007-2009

Member, International Scientific Committee, EDSI Conference, Taormina, Italy 2015

Member, International Steering Committee, ISDSI conference, Pune, India 2015

Member, International Organizing Committee, International DSI Conference, Bali, Indonesia, 2013

Member, Organizing Board, International DSI Conference, Mexico 2001, Spain 2005

Editor, *Decision Sciences Journal* 1999- 2004

Vice-President and Member of the Board, 1996-98

Chair, Fellows Committee, 2015.

Member, Advisory Board, International DSI Conference, Athens, Greece, 1999

Member, DSI Ad-Hoc Committee on Regions, 2003

Member, DSI Development Committee, 2002- present

Member, DSI Regional Affairs Committee, 1998-99

Member, Alpha Iota Delta Liaison Committee, 1998-99

Member, Chair, Publications Committee, 1999- present

Member, DSI Programs and Planning Committee, 1993-94

Member, DSI Internationalization Committee, 1993-95

Program Co-Chair - Midwest DSI Conference, 1993

Program Chair - National Conference, Miami 1991.

Track Chair, Midwest DSI Conference, Lincoln, Nebraska, 1986.

Member, DSI Foundation Committee, 1988.

Nominated - Vice President at Large, 1989.

Member Nominating Committee, Midwest DSI (1988-89)

Judge, DSI Dissertation Competition (1987).

Chairperson, Doctoral Student Affairs Committee, American Institute of Decision Sciences, (AIDS) 1985.

Reviewer, Discussant, Session Chair, Doctoral Consortium Presenter on numerous occasions.

Member, Doctoral Student Affairs Committee, American Institute of Decision Sciences, 1984.

Reviewer - Alpha Iota Delta Instructional award sponsored by the American Institute of Decision Sciences (AIDS), 1982.

Member, Publications Committee, American Institute of Decision Sciences (AIDS), (1980-82).

Judge - AIDS Doctoral Dissertation Competition, 1982.

Campus representative, AIDS membership drive, 1977, 1978.

Publications Coordinator (Board Member), Midwest DSI (1987-88).

Academy of Management (AOM)

Nominated - Board of Governors, Academy of Management, 1990.

Division Chair, P/OM division, Academy of Management (1989-90).

Program Chair, Academy of Management Conference, Anaheim (1988).

Session Chair, Academy of Management Conference, New Orleans (1987).

Reviewer, Discussant, Session Chair, Doctoral Consortium participant on numerous occasions

American Production & Inventory Control Society (APICS)

Institute Chair, Institute for Computer Integrated Manufacturing, APICS (1987-1990).

Member, Editorial Board, Journal of Operations Management

Associate Editor, Journal of Operations Management

Pan-Pacific Business Association (PPBA)

Member, Planning Committee, 1988 - present

Fellow, Pan Pacific Business Association, inducted in 1998

Presenter, session chair, panelist on numerous occasions

Production Operations Management Society (POMS)

Program Chair, National Conference, Pittsburgh, PA., 1995

Area Editor, Production Operations Management Journal

Senior Editor, Production Operations Management Journal (2011- present)

Member, Program Planning Committee, International POMS Conference Guarujá, Brazil (2002)

Member, Program Planning Committee, POMS/EUROMA International Conference, Como, Italy (2003)

Center for Advanced Purchasing Studies (CAPS)

Invited Speaker, Executive Purchasing Roundtable. Presentations were on Purchasing's role in TQM and Customer Satisfaction, Future Trends and Environmental Supply Chain Management.

Invited Speaker, First Annual European Purchasing Roundtable, Amsterdam, Netherlands, 1995.

Invited Speaker, Global Purchasing Management Conference, Arizona State University, 1997, 1996, 1995

Institute for Supply Management (ISM)

Editorial Review Board Member, Journal of Supply Chain Management 2002-2005.

Keynote Speech, IFPSM World Conference, Las Vegas, Nevada.

OTHER SERVICE

Associate Editor, Quality Management Journal

Reviewer for National Science Foundation, Decision Sciences, European Journal of Operational Management, Journal of Operations Management, International Journal of Production Economics, Journal of Cost Studies, International Journal of Marketing, OMEGA, International Journal of Management Science, IEEE Transactions on Engineering Management and Production and Inventory Management.

External reviewer for Promotion decisions: University of Georgia, Indiana University, Wake Forest University, University of Iowa, University of South Carolina, Indiana University, University of South Carolina, Iowa State University, State University of New York - Buffalo, Clark University, University of Florida, Ohio State University, University of Minnesota, Penn State University, Washington State University, Arizona State University, Texas A&M, University of Miami, Colorado State University and Chinese University of Hong Kong .

SELECTED PRESENTATIONS (Practitioners)

"Information systems for decision making," Department of Civil Service, State of Michigan, February, 1978.

"Scientific Decision Making," Department of Civil Service, State of Michigan, February, 1978.

"Management information systems," a continuing education seminar presented to managers, Management Education Center, Troy, 1979.

"Policy analysis - the Michigan models," several presentations made to the Department of Labor, State of Michigan (with Dr. J. Kenneth White).

"Forward Buying in Purchasing: A System Dynamics Analysis," Paper presented at Michigan Purchasing Conference (Sponsored by NAPM), 1981.

Planning, Implementing and Managing Computer Integrated Manufacturing in American Industry - Principles and Practices and Research Needs, to SME/CASA Technical Council, Los Angeles, 1984 (with S. A. Melnyk).

Reorganizing SPSM, Presentation made to the Director of Department of Corrections, State of Michigan, 1984.

Reorganizing and Improving the Operational and Delivery System of the Division for Services to Crippled Children, Department of Public Health. Presentation made to the

Directors of the Department of Public Health and the Department of Management and Budget, State of Michigan, 1985.

Revitalizing and Privatization strategies for Central and Eastern Europe, Invited Panelist, Pan Pacific Conference, Beijing, China 1993

Presentations on TQM to executives in Hungary and the Czech Republic, spring 1993

Purchasing's role in TQM and Customer Satisfaction, Executive Purchasing Roundtable, Tempe AZ, February, 1993

Supply management in lean manufacturing, TIMS/ORSA National Conference, An invited Presentation, Detroit, 1994

Strategic trends in Purchasing: Research Findings, Executive Purchasing Roundtable, Tempe, AZ, 1994

Strategic trends in Purchasing: Research Findings, European Executive Purchasing Roundtable, Amsterdam, 1994

Purchasing and Supply management- Future trends, Executive Purchasing Roundtable, Tempe, AZ, 1995

Doing Business in China - Principles and Practices, Global Purchasing Management Conference, Arizona State University, Tempe, AZ, 1995

An assessment and evolution of supply management trends, NAPM Academic Conference, Anaheim, CA, 1995

Data Envelopment Analysis and Supplier Rationalization, Executive Presentation to Asea Brown-Boveri (ABB), Zurich, Switzerland, 1995

DEA and Supplier Rationalization, Presentation to Executive Management, Henkel AG, Dusseldorf, Germany, 1995

Strategic Supply Management, DILF, Copenhagen 2014

Supply Chain Management: Need for Paradigm Shift, DAMCO, Miami 2013

EXECUTIVE PROGRAMS

Co-Director, The **Executive Summit**, 2007-Present

Organizing Committee, India Supply Management Summit, Bangalore, India 2008

Executive Seminar in Operations Management, Henry Center, 2003

Executive programs on Project Management presented several times each year through executive programs office, Michigan State University. In house training programs on Project Management to numerous firms over the years including Allied Signal, Budd Company, Lionel and others.

TQM - Executive Development Program in Poland, Czech Republic and Hungary, 1992, 1993