

## **ROBERT P. SROUFE JR.**

(updated 3/1/08)

John F. Donahue Graduate School of Business  
Duquesne University

Murrin Chair of Global Competitiveness

Operations, IT & Supply Chain Management Department  
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### **EDUCATION**

**THE ELI BROAD GRADUATE SCHOOL OF MANAGEMENT**  
**MICHIGAN STATE UNIVERSITY** East Lansing, Michigan

**Ph.D. in Business Administration: Operations Management**

Minors in Statistics and Strategic Sourcing

National Science Foundation Research Associate

May, 2000

**Masters of Business Administration: Supply Chain Management**

Dual Concentration: Purchasing; Materials & Logistics Management

December, 1995

**LAKE SUPERIOR STATE UNIVERSITY** Sault Ste. Marie, Michigan

**Bachelor of Science: Environmental Law/Criminal Justice**, Spring, 1992

**Associate Degree: Water Quality Technology**, Spring 1990

**Associate Degree: Natural Resource Technology**, Fall 1990

### **RESEARCH INTERESTS**

I will continue to study sustainability issues surrounding Operations and Supply Chains, focusing on the broad dimension of environmental strategy, while investigating environmental management systems, technology integration, and global manufacturing.

### **TEACHING INTERESTS**

Environmental Management  
Supply Chain Management  
Operations Strategy  
Sustainable Business Development  
Green Value Chains

Service Operations  
Environmental Operations  
Purchasing & Materials Management  
Project Management

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**JOURNAL ARTICLES: within Top Journals in the Operations Management Field**

pdf copies of published articles can be found at: <http://www2.bc.edu/~sroufe/>

Sroufe, R., and Curkovic, S., "An Examination of ISO 9000:2000 and supply Chain Quality Assurance," *Journal of Operations Management*, Vol. 26, 503-520, 2008.

Montabon, F.L., Sroufe, R.P., and Narasimhan, N., "An Examination of Corporate Reporting, Environmental Management Practices and Firm Performance," *Journal of Operations Management*, accepted, Vol. 25, 998-1014, 2007.

Curkovic, S., and Sroufe, R., "Total Quality Environmental Management and Total Cost Assessment: an Exploratory Study" *International Journal of Production Economics*, Vol. 105, No. 2, 560-579, 2007.

Field, J.M., and Sroufe, R.P., "The Use of Recycled Materials in Manufacturing: Implications for Supply Chain Management and Operations Strategy," *International Journal of Production Research*, Vol. 45, No. 18-19, 4439-4463, 2007.

Sroufe, R.P., "Effects of Environmental Management Systems on Environmental Management Practices and Operations," *Production and Operations Management*, Volume 12, Issue 3, 416-432, 2003.

Melnyk, S.A., Sroufe, R.P., and Calantone, R., "Assessing the Impact of Environmental Management Systems on Corporate and Environmental Performance," *Journal of Operations Management*, Vol. 21, Issue 3, 329-351, 2003.

Melnyk, S.A., Sroufe, R.P., Calantone, R., and Montabon, F., "A Model of Site Specific Antecedents of ISO 14001 Adoption," *Production and Operations Management*, Volume 12, Issue 3, 369-385, 2003.

Sroufe, R.P., Curkovic, S., Montabon, F.L., and Melnyk, S.A., "The New Product Design Process and Design for the Environment: "Crossing the Chasm," *International Journal of Operations and Production Management*, Vol. 20, No. 2, 267-291, 2000.

Handfield, R., Walton, S.V., Sroufe, R.P., and Melnyk, S.A., "Applying Environmental Criteria to Supplier Assessment: A Study of the Application of the Analytical Hierarchy Process," *European Journal of Operational Research*, Volume 141, Issue 1, 70-87, 2002.

Melnyk, S.A., Sroufe, R.P., Calantone, R., and Montabon, F.L., "Assessing the Effectiveness of Voluntary Environmental Programs: An Empirical Study," *International Journal of Production Research*, Volume 40, No 8, May, 2002.

Melnyk, S.A., Sroufe, R.P., Montabon, F.L., and Hinds, T.J., "Green MRP Identifying the Material and Environmental Impacts of Production Schedules," *International Journal of Production Research*, Vol. 39, No. 8, 1559-1573, 2001.

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**JOURNAL ARTICLES: within Specialty Journals in the Operations Management Field**

Melnyk, S.A., Sroufe, R.P., and Montabon, F.L., "How Does Management View Environmentally Responsible Manufacturing? An Empirical Study," *Production and Inventory Management Journal*, Vol. 42, No. 3 & 4, Third/Fourth Quarter, 2001.

Melnyk, S.A., Calantone, R., Sroufe, R.P., Montabon, F.L., and Hinds, T.J., "Integrating Environmental Issues & Materials Planning: "Green" MRP," *The Journal of Enterprise Resource Management*, Vol. 3, No. 3, 48-57, 2000.

Melnyk, S.A., Sroufe, R.P., Montabon, F.L., Calantone, R., Tummala, R., and Hinds, T.J., "Integrating Environmental Issues into Material Planning: "Green" MRP," *Production and Inventory Management Journal*, Vol. 40, Third Quarter, 36-45, 1999.

Montabon, F.L., Melnyk, S.A., Sroufe, R.P., and Calantone, R., "ISO 14000: Assessing Its Perceived Impact on Corporate Purchasing Performance," *Journal of Supply Chain Management*, Vol. 36, No. 2, 4-16, 1999.

**JOURNAL ARTICLES: within Specialty Journals in the Environmental Management Field**

Curkovic, S., Sroufe, R.P., and Landros, R., "Measuring TQEM Returns from the Application of Quality Frameworks," *Business Strategy and the Environment*, Vol. 17, 2, 2008. pp 93-106.

Curkovic, S., and Sroufe, R.P., and Eckert, J., "A Preliminary Framework for Using Total Cost Assessment in Total Quality Environmental Management," the *International Journal of Environmental, Cultural, Economic, and Social Sustainability*, Vol.1, No. 3, 2005. pp. 81-88.

Handfield, R., Sroufe, R.P., and Walton, S.V., "Integrating Environmental Management and Supply Chain Strategies," *Business Strategy and the Environment*, Vol. 14, 2005. pp. 1-19.

Curkovic, S., Sroufe, R.P., and Melnyk, S.A., "Identifying the Factors Which Affect the Decision to Attain ISO 14000," *International Journal of Energy*, Vol. 30, 2005. pp 1387-1407.

Sroufe, R.P., Montabon, F.L., Narasimhan, R., and Wang, X., "Environmental Management Practices: a Framework," *Greener Management International: the Journal of Corporate Environmental Strategy and Practice*, Vol. 40, 2003.

**PAPERS**

Melnyk, S.A., Calantone, R., Handfield, R., Tummala, T., Vastag, G., Hinds, T.J., Sroufe, R.P., and Montabon, F.L., "ISO 14000 Assessing Its Impact on Corporate Effectiveness and Efficiency," Focus Study: Center for Advance Purchasing Studies, ISBN: 0-945968-36-6, 1999.

Melnyk, S.A., Calantone, R., Handfield, R., Sroufe, R.P., and Montabon, F.L., "Is Clean Green?" *Purchasing Today*, March, 1999.

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Stroufe, R.P., Helferich, K., "Ergonomics Inc," A Design for Environment Case Study, Council of Logistics Management, August, 1997.

Stroufe, R.P., and Helferich, K., "The Jewel Box," A Green Supply Chain Case Study, Council of Logistics Management, August, 1996.

Stroufe, R.P., "The Need for A Better Environmental Management Tool: The Environmental Reporting Logistics System," Society of Logistics Engineers: Logistics Spectrum, April, 1996.

**REFEREED BOOK CHAPTER**

Stroufe, R.P., "A Framework for Strategic Environmental Sourcing," Editor Joseph Sarkis, publisher Springer, U.K., Book Chapter, *Green Supply Chain Management*, October, 2006.

Stroufe, R. The Integration of Real World Student Projects into a Sustainable MBA Program. Management Education for Global Sustainability, Charles Wankel, St. John's University, New York, and James A. F. Stoner, Fordham University, editors. Vol. 8 in the Research in Management Education and Development series IAP Publishers, Charlotte, NC, accepted. 2009

**EDITED PUBLICATIONS**

Stroufe, R.P., and Sarkis J., Co-Editors, "*Strategic Corporate Environmental Management Systems*", book publisher: Greenleaf Publishing, forward by ANSI-ASQ National Accreditation Board (ANAB), October, 2007.

Sarkis, J. and Stroufe, R.P., Co-Editors, "Strategic Sustainability: The State-of-The-Art in Corporate Environmental Management Systems", *Greener Management International*, Issue 46, Summer 2004.

**REPORTS**

Stroufe, R., Montabon, F. and Melnyk, S., Embedded Environmental Metrics; Report to KPMG & the University of Illinois Business Measurement Research Program, 2005.

Melnyk, S.A., Tummala, R.L., Calantone, E., Stroufe, R.P., and Montabon, F. L., Environmentally Conscious Manufacturing: Integrating Environmental Issues into Product Design, Planning, and Manufacturing; Report to the National Science Foundation, November 30, 2000.

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**WORK IN PROCESS**

Drake, M., Sroufe, R.P., "Sustainable Supply Chains", target submission *Journal of Operations Management*.

Sroufe, R.P., Chinander, K., Montabon, F.L., and Melnyk, S.A., "A Study of Motivation and Sustainable Operations," target submission *Decision Sciences*.

Sroufe, R.P., Montabon, F.L., and Melnyk, S.A., "Barriers to Environmental Performance Measurement Systems," target submission to *Journal of Operations Management*.

Sroufe, R.P., Melnyk, S.A., and Steward, D.J., "The Paradox of Environmental Performance," target submission to *Decision Sciences*.

Sroufe, R.P., and Montabon, F.L., "An Assessment of Environmental Management in the United States, the Results of a Large National Survey," Working Paper, Duquesne University

Drake, M.J., Pentico, D.W., and Sroufe, R.P. "The Remanufacturing Newsvendor Problem"

Montabon, F.L., Sroufe, R.P., "Management's Attitudes and Effects Regarding Environmental Management Systems," Working Paper, Boston College, the Wallace E. Carroll School of Management.

Sroufe, R.P., "Developing the Environmental Frontier: an application of Data Envelopment Analysis to Environmental Management Systems," Working Paper, Boston College, the Wallace E. Carroll School of Management.

**CONFERENCE PRECEEDINGS**

Drake, M.J., Pentico, D.W., and Sroufe, R.P. "The Remanufacturing Newsvendor Problem", INFORMS, 2008.

Sroufe, R., Drake, M. Instructional Innovation Award Submission, "Development and Integration of a 'Sustainable' MBA Program", Decision Sciences Institute National Conference, 2008.

Drake, M., and Sroufe, R. "Sustainability Efforts in the Transportation and Logistics Industry", Decision Sciences Institute National Conference, 2008.

Montabon, F. Sroufe, R. and Melnyk, S. "A Longitudinal Analysis of ISO 14000", Decision Sciences Institute National Conference, 2008.

Sroufe, R.P., Chinander Dye, K., Montabon, F., and Melnyk, S.A. "A Study of Sustainable Operating Systems" Production & Operations Management Society National Conference, 2008.

Sroufe, R.P., Montabon, F., and Melnyk, S.A., "Barriers to Managing Environmental Performance Measurement", Decision Sciences Institute National Conference, 2007.

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Curkovic, S., and Sroufe, R.P., "Using ISO 14000 to Obtain Competitive Advantage" Decision Sciences Institute National Conference, 2007.

Montabon, F.L., Sroufe, R.P., Melnyk, S.A., "Environmental Management Systems Ten Years On: What Have We Learned," Decision Sciences Institute National Conference, 2006.

Sroufe, R.P., Melnyk, S.A., and Steward, D.J., "TQEM & the Paradox of Environmental Performance," Academy of Management, 2006.

Sroufe, R.P., Montabon, F.L., and Melnyk, S.A., "Environmental Performance Measurement Systems," Production and Operations Management Society, 2006.

Montabon, F.L., Sroufe, R.P., Melnyk, S.A., "Environmental Management Systems," Decision Sciences Institute National Conference, 2005.

Curkovic, S., and Sroufe, R.P., "Green Accounting," International Conference of Environmental, Cultural, Economic, and Social Sustainability, 2005.

Sroufe, R.P., Montabon F.L., and Melnyk, S.A., "Preliminary result of Environmental Metrics Field Studies and Survey," Decision Sciences Institute National Conference, 2004.

Field, J.M., and Sroufe, R.P., "The Use of Recycled Materials in Manufacturing: Implications for Supply Chain Management and Operations Strategy," Production and Operations Management Society International Conference, Cancun Mexico, Spring 2004.

Montabon, F.L., Sroufe, R.P., and Melnyk, S.A., "An investigation of Embedded Environmental Metrics," Midwest Decision Sciences, 2004.

Sroufe, R.P., "Embedded Environmental Metrics," Society for Organizational Learning Research Greenhouse, 2004.

Melnyk, S.A., Sroufe, R.P., and Montabon, F.L., "Integration of Environmental Management into Manufacturing Planning," Decision Sciences Institute National Conference, 2003.

Melnyk, S.A., Sroufe, R.P., and Stewart, D., "Embedded Metrics and the Paradox of TQEM," Decision Sciences Institute National Conference, 2003.

Melnyk, S.A., Sroufe, R.P., and Stewart, D., "Embedded Environmental Metrics: Implications for Operations Management and Performance," Decision Sciences Institute National Conference, 2002.

Field, J.M., Ritzman, L.P., Safizadeh, M.H., and Sroufe, R.P., "Strategic Management of Processes for Financial Services," Decision Sciences Institute National Conference, 2002.

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Sroufe, R.P., "Environmental Management Systems: Implications for Operations Management and Firm Performance," Asian Pacific Institute Decision Sciences International Conference, 2002.

Sroufe, R.P., Chinander, K., and Jayaraman, V., "Infrastructural Operational Issues In Measuring, Monitoring, and Managing Environmental Performance," Decision Sciences Institute National Conference, 2002.

Montabon, F.L., Sroufe, R.P., Narasimhan, R., "An Examination of the Relationship Between Environmental Practices and Firm Performance," Decision Sciences Institute National Conference, 2002.

Sroufe, R.P., Montabon, F.L., Narasimhan, R., and Wang, X., "A Framework for Corporate Environmental Practices and its Application for Enhancing Environmental Management," Decision Sciences Institute National Conference, 2001.

Melnyk, S.A., Sroufe, R.P., Montabon, F.L., "How Does Management View Environmentally Responsible Manufacturing: An Empirical Study," Decision Sciences Institute National Conference, 2001.

Curkovic, S., Melnyk, S.A., Sroufe, R.P., Montabon, F.L., "Identifying the Factors Which Affect the Decision to Attain ISO14000," Decision Sciences Institute National Conference, 2001.

Handfield, R., Walton, S., Sroufe, R.P., "Applying Environmental Criteria to Supplier Assessment," National Institute of Standards and Technology Conference, April, 2001.

Melnyk, S.A., Sroufe, R.P., Montabon, F.L., Calantone, R., "Environmental Responsible Management: Assessing the Current State in American Industry," Decision Sciences Institute National Conference, 2000.

Melnyk, S.A., Sroufe, R.P., Montabon, F.L., Calantone, R., "Tackling the ISO 14000 Certification Maze: Which Firms Adopt and Which Firms Do Not?" Decision Sciences Institute National Conference, 2000.

Montabon, FL., Calantone, R., Melnyk, SA., and Sroufe, R.P., "A Model of the Decision to Achieve ISO 14000 Certification," Decision Sciences Institute National Conference, 2000.

Sroufe, R.P., Melnyk, S.A., Montabon, F.L., and Calantone, R., "ISO 14000: An Investigation of Environmental Management System Motivations and Firm Performance," Decision Sciences Institute National Conference, 1999.

Sroufe, R.P., Melnyk, S.A., and Montabon, F.L., "Midwestern Lighting," Case Study developed for Decision Sciences Institute National Conference, 1999.

Montabon, F.L., Melnyk, S.A., Sroufe, R.P., and Calantone, R., "ISO 14000: Assessing Its Perceived Impact on Corporate Performance," Decision Sciences Institute National Conference, 1999.

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Curkovic, S., Melnyk, S.A., Sroufe, R.P., Montabon, F.L., "Investigating The Linkage Between Total Quality Management and Environmentally Responsible Manufacturing," Decision Sciences Institute National Conference, 1999.

Montabon, F.L., and Sroufe, R.P., "ISO 14000: A New Strategy for Competitive Advantage," Production and Operations Management Society, March, 1999.

Sroufe, R.P., Montabon, F.L., Wang, X., and Narasimhan, R., "An Exploratory Study of the Relationship Between Environmental Initiatives and Firm Performance," Production and Operations Management Society, March, 1999.

Sroufe R.P., Montabon F.L., Curkovic S., Melnyk, S.A., and Handfield. R., "The New Product Design Process and Environmentally Conscious Manufacturing: "Crossing the Chasm" and Other Obstacles," National Decision Sciences Institute National Conference, 1998.

Handfield, R., Sroufe, R.P., Walton, S., and Melnyk, S.A., "Applying Environmental Criteria to Commodity Strategy Decisions: Current Practices and Future Tools," Decision Sciences Institute National Conference , Table Topic Session, 1998.

Curkovic, S., Handfield, R., Melnyk, S.A., Montabon, F.L., and Sroufe, R.P., "Environmentally Responsible Manufacturing: The Development and Validation of a Measurement Model," Decision Sciences Institute National Conference, 1998.

Sroufe, R.P., Montabon, F.L., Melnyk, S., and Curkovic, S., "Green MRP: A New Tool For Environmentally Responsible Manufacturing," Midwest Decisions Sciences Institute, Annual Conference, 1998.

Curkovic, S., Handfield, R., Melnyk, S.A., and Sroufe. R.P., "Literary Review of Environmentally Responsible Manufacturing," Decision Sciences Institute National Conference, 1997.

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**PRESENTATIONS**

“A Study of Motivation and Sustainable Operations”, L.L. Bean/Lee Surace Colloquium Series, the University of Southern Maine, 2008.

“Environmental Management Systems”, the National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan, 2003.

"Green Supply Chain Management" National Association of Purchasing Management, Invited Speaker, Detroit Chapter, February, 1999.

“Green Purchasing and Sustainable Business Practices” Invited Speaker for the Western Michigan Sustainable Business Forum, October, 1998.

"Green Purchasing" National Association of Purchasing Management, Invited Speaker, Detroit Chapter, February, 1997. voted Best Speaker of the Year.

**TEACHING EXPERIENCE**

SMBA 511 Sustainable Theories and Models: this three credit course is a first semester core requirement of the full time Sustainable MBA program. The course helps students to develop an understanding of challenges and opportunities surrounding sustainability. Four primary models are proposed in the class and build upon with group projects, in-class exercises, simulations, and role playing exercises that develop group decision making, presentations, and communication skills while examining all of the stakeholders involved in business decision making from an operational, tactical, and strategic level of the firm.

SMBA 531 Sustainable Applications: this three credit course is the second semester core course in the full time Sustainable MBA program. The case based course is a practical application approach to extending the topics in the first class while looking at more of the internal sustainable operations of a firm while exploring the technology and automotive sectors within the United States. The class involves site visits to area firms and a dozen guest speakers on the topics of sustainable business development, innovation, manufacturing, waste management, energy policy, energy conservation, biofuels, renewable energy credits, LEED certification, green building design, and facilities maintenance and operations. The course also includes student teams managing sustainable consulting projects.

SMBA 631 Topics in Supply Chain Management: this course is an elective for the Duquesne SMBA and evening graduate programs. With the explosion of information technology and changing consumer-shopping patterns, companies are increasingly redesigning how they deliver services and products to their customers. This course develops an understanding of the role that supply chain management provides in enterprise competitiveness and overall strategy. It also exposes students to leading supply chain operating practices, analysis methods, technology applications and strategy development with an integrated view of procurement, operations, reverse supply chains, sustainability and supply chain management. This course presents tools and modeling frameworks that are relevant to understanding today's supply chain problems with a mixture of web-based simulation (LINKS© by Randall Chapman) Supply Chain Management Extended Edition, case discussions, lectures, games, and outside speakers.

Independent Study Advisor for Spring, 2008 semester project involving business plan development for potable water delivery systems.

#### Courses Taught at Boston College

MD 832 Supply Chain Management: this course is an elective for the M.B.A. program and Service Delivery concentration at Boston College. This course develops an understanding of the role that supply chain management provides in enterprise competitiveness and overall strategy. It also exposes students to leading supply chain operating practices, analysis methods, technology applications and strategy development with an integrated view of procurement, operations, sustainability and supply chain management. This course presents tools and modeling frameworks that are relevant to understanding today's supply chain problems with a mixture of web-based simulation, case discussions, lectures, games, and outside speakers.

MD707 Management and Operations: this course is part of the core curriculum in the evening M.B.A. program. This course covers the concepts, processes and managerial skills that are needed in producing goods and services. The course focuses on decisions that take broad policy directives down into specific actions within the organization and that guide the monitoring and evaluating of the activity. The major techniques of quantitative analysis are applied to a variety of managerial decision problems. Emphasis is placed on developing formal analytical skills, especially in structured problem solving, and on recognizing the strengths, limitations and usefulness of management science approaches. Course involves green manufacturing concepts, group projects and site visits to area service and manufacturing companies with over 60 Boston area companies visited since 2002.

MD021 Management and Operations: this class is a prerequisite for business school students and typically taken during the junior year. This is an introductory course in operations management that includes environmental operations concepts. The focus of the course is decision making at the operating level of the firm. A strong emphasis is placed on the development and use of quantitative models to assist in decision making, group projects, web-based simulation models (Littlefield Technology by Responsive.net), and case study analysis. Administrative responsibilities included coordinating up to six sections of the undergraduate operations class between 2001 and 2006.

MD299 Independent Study Advisor for semester long research projects involving operations strategy.

#### Courses Taught at Michigan State University

MSC 800<sup>1</sup> Introduction to Supply Chain Management: this class is taken by students from engineering, the Professional Public Accounting program and the MBA program. The class is an introduction to Supply Chain Management at the Masters level. The class introduces students to Operations Management, Purchasing, and Logistics Management. Here supply chain management is an important element of firm strategy. SCM shapes corporate strategy in those activities that add value while defining the capabilities, strengths, and limitations of the firm. Emphasis is placed on developing managerial skills, problem solving, group projects, reports and presentations.

MSC 490 International Business and Supply Chain Management: this elective for juniors and senior undergraduate business school students was conducted in Switzerland, Germany, Austria, and Hungary. Eight automotive supply chain companies and OEMs along with two universities were visited. The class combined extensive site visits, literature reviews, presentations, and papers on

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<sup>1</sup> MSC designated classes were taught at Michigan State University within the Marketing and Supply Chain Management Department.

each firm visited. Responsibilities included general safety of the students, contacting candidate firms for site visits, logistics and performance evaluation of students.

MSC 303 Introduction to Supply Chain Management: this class is an introduction to Supply Chain Management, and the functions (Purchasing Management, Materials and Logistics Management, Transportation and Distribution) which comprise the primary processes and activities in the supply chain. This is a core course for all Business majors, and is a prerequisite to all upper level Supply Chain Management (MSC) courses with an emphasis on problem solving and developing analytical skills.

## **COURSE DEVELOPMENT**

SMBA 511 Sustainable Theories and Models: this three credit course is a first semester core requirement of the full time Sustainable MBA program. The course helps students to develop an understanding of challenges and opportunities surrounding sustainability. Four primary models are proposed in the class and build upon with group projects, in-class exercises, simulations, and role playing exercises that develop group decision making, presentations, and communication skills while examining all of the stakeholders involved in business decision making from an operational, tactical, and strategic level of the firm.

SMBA 531 Sustainable Applications: this three credit course is the second semester core course in the full time Sustainable MBA program. The case based course is a practical application approach to extending the topics in the first class while looking at more of the internal sustainable operations of a firm while exploring the technology and automotive sectors within the United States. The class involves site visits to area firms and a dozen guest speakers on the topics of sustainable business development, innovation, manufacturing, waste management, energy policy, energy conservation, biofuels, renewable energy credits, LEED certification, green building design, and facilities maintenance and operations. The course also includes student teams managing sustainable consulting projects.

MD 832 Topics in Supply Chain Management: This MBA elective introduces students to supply chain topics including, enterprise resource planning, supplier relationship management, sourcing strategies, customer relationship management, distribution, supply chain integration and supply chain performance measurement, RFID, and the supply chain operations research model. This is an integrated case-oriented course.

Sustainable Development module emphasizing the operations management in conjunction with Boston College Leadership for Change program, the module emphasizes performance measurement, management systems, total quality environmental management, corporate environmental reporting, and motivational models used to manage business systems.

MSC 843 Introduction to Environmental Business Practices: this is a three-credit graduate elective course. Dr. Steve Melnyk and I developed a course that introduces the topics of environmentally responsible manufacturing, green MRP systems, green purchasing, green supply chain management, life cycle analysis, design for environment, environmental management systems, pollution prevention, and waste reduction to students. The class uses case studies and supplemental texts with a value driven approach to business practices.

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**ACADEMIC AND PROFESSIONAL EXPERIENCE**

**Duquesne University**

**Palumbo · Donahue School of Business**, Pittsburgh, PA 15282  
*Murrin Chair of Global Competitiveness*  
*Associate Professor of Supply Chain Management*

**Boston College**

**Wallace E. Carroll School of Management**, Chestnut Hill, MA 2000-2007  
*Assistant Professor of Operations Management*

**Michigan State University**

**Eli Broad Graduate School of Management**, East Lansing, MI 1998-2000  
*Instructor*

**Department Of Defense/Defense Logistics Services Center**

**Government Industrial Interface Branch Office of Planning and  
Resource Management** Battle Creek, Michigan 1994-1997  
*Project Manager/Logistics Systems Analyst*

**National Pollution Prevention Center in conjunction with**

**MSU/Materials & Logistics Management Department** 1994-1995  
*Research Assistant*

**Center for Microbial Ecology**

**Research on Microbial Evolution Laboratory** East Lansing, MI 1992-1994  
*Lab Manager/Research Assistant*

**AWARDS AND HONORS**

- Presidential Scholarship Grant, Duquesne University, 2008
- Decision Sciences Institute: Best Environmental Paper Award, 2002 & 2001
- Research Fellowship, Boston College, 2002
- American Production & Inventory Control Society Educational and Research Foundation, Inc., George and Marion Plossl Fellow, 2000
- Eli Broad Graduate School of Management Fellowship, 2000
- Richard J. Lewis Quality of Excellence in Teaching and Research Award, 1998
- Marketing and Supply Chain Management Council Scholarship. 1998
- National Association of Purchasing Managers Fellowship, 1998
- Society of Logistics Engineers Fellowship, 1996
- Eli Broad Materials and Logistics Management Fellowship, 1995

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**GRANTS AND RESEARCH AWARDS**

- Primary Investigator: KPMG's Competitive Business Performance Research Grant, 2003-2005
- Boston College Research Incentive Grant: 2006, and 2003
- Boston College Research Expense Grant: 2005 Spring/Summer, 2002 Fall, 2002 Spring/Summer, 2001 Summer/Fall
- Co-Investigator: National Science Foundation Division of Design, Manufacture, and Industrial Innovations (ECM Initiative) Grant # DMI-9528759, 2000

**PROFESSIONAL ASSOCIATIONS**

Academy of Management  
Production and Operations Management Society  
Decision Sciences Institute  
Institute for Supply Management  
Association for Operations Management  
Supply Chain Council for SCOR  
Harvard Business Review's Advisory Council  
-On-line Research Community

**RESEARCH CENTER AFFILIATIONS**

Sloan Industry Studies Program  
- Affiliate Member

**PROFESSIONAL SERVICE**

- Session Chair, Decision Sciences Institute 2007
- Academy of Management PhD Consortium Mentor, 2008, 2007
- Co-editor: Book on Environmental Management Systems, forthcoming, 2007
- Co-editor: Greener Management International special Journal Issue on EMS, 2006
- Chair: Environmental Track, International Decision Sciences Institute Meeting, 2005
- Co-Chair Academy of Management Doctoral Consortium, Production & Operations Management Division, Washington DC, 2001
- Reviewer: *Production and Operations Management Society*
- Reviewer: *Journal of Operations Management*
- Reviewer: *Decision Sciences Institute*
- Reviewer: *European Journal of Operations Management*
- Reviewer: *Academy of Management: Operations Management Division*
- Reviewer: *Academy of Management: Organizations and the Natural Environment.*
- Reviewer: *International Journal of Production Research*
- Reviewer: *International Journal of Operations and Production Management*
- Reviewer: *Environmental Management*
- Reviewer: *Greener Management International*
- Reviewer: *International Journal of Business and Systems Research*
- Reviewer: *International Journal of Management Reviews*
- Workshop: Environmentally Responsible Manufacturing, Decision Sciences Institute, National Conference, 1999
- Developed and conducted workshop for the NAPM Managers, Central Michigan Chapter: Green Purchasing: How to Develop, Measure and Manage Environmentally Conscious Purchasing Programs, April, 1998

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**UNIVERSITY SERVICE**

- SMBA Web Project Team 2007 – 2008
- SOBA Research Committee Member, 2007 - current
- Coordinator for 10 SMBA Fellows working with faculty research projects, Fall 2007 - current
- Co-coordinator of SMBA company sponsors and MBA semester projects, Fall 2007 - current
- Strategy position Hiring Committee, 2007/2008
- Graduate Curriculum Committee, Fall 2007
- Faculty coordinator for the development of the Carroll School Faculty Forum WebCt space
- Co-coordinator for Management and Operations core undergraduate Operations course for up to six sections each semester, 2001-2006
- Sam Walton Fellow to BC Students In Free Enterprise (SIFE) <http://www.sife.org/>
- Judge for Boston College MBA Diane Weiss competition
- Faculty advisor for summer CSOM orientation programs
- Developed Sustainable Development Component for Leadership for Change Program
- Search committee for OM position(s) and Galligan Chair
- Coordinator for new faculty meetings at the Carroll School of Management
- Michigan State University Council of Graduate Students
- Michigan State University Committee of Academic Council

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