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EDUCATION

Ph.D. in Business Administration, University of Iowa, 1992. Major in Operations Management; minor in Strategic Management.

M.S. in Industrial Administration, Purdue University, 1970

B.S. in Electrical Engineering, Purdue University, 1965

ACADEMIC EXPERIENCE

Associate Professor (1995 to present), University of South Carolina, Columbia, SC. - Management Science department of the Moore School of Business

Assistant Professor (1989-1995), University of South Carolina, Columbia, SC. - Management Science department of the Moore School of Business

INDUSTRIAL EXPERIENCE

Director of Materials Management (1981-1984), MCC Powers, Skokie, Illinois - Managed Production Control, Purchasing, Material/Traffic, advanced MRP system project team in fabrication/assembly unit during turn-around of commercial HVAC controls firm.

Plant Superintendent (1979-1981), DAB Industries, Bellefontaine, Ohio - Operational responsibility for 800-person plant producing engine bearings for the automotive industry.

Materials Manager (1974-1979), DAB Industries, Bellefontaine, Ohio - Directed Production and Inventory Control, Data Processing, Material Handling, and Traffic/Shipping departments while implementing MRP II system.

Material Control Manager (1973-1974), Industrial Nucleonics Corp. (AccuRay), Columbus, Ohio - Implemented early MRP system in electronic systems control company. Responsible for Production and Inventory Control department. Followed 2-year period on Manufacturing Planning and Control systems project.

JOURNAL ARTICLES

- Kher, Hemant, Manoj Malhotra, and Daniel Steele (2000). "The Effect of Push and Pull Lot Splitting Approaches on Lot Traceability and Material Handling Costs in Stochastic Flow Shop Environments" *International Journal of Production Research* Vol. 38, No. 1, 141-160
- Fry, Timothy D., Daniel C. Steele, Brooke A. Saladin (1998). "The Use of Management Accounting Systems in Manufacturing" *International Journal of Production Research* Vol. 36, No. 2. Awarded ANBAR highest rating (excellent).
- Steele, Daniel C. and Manoj Malhotra (1997). "Factors Affecting Performance of Period Batch Control Systems in Cellular Manufacturing" *International Journal of Production Research* Vol. 35, No. 2 (1997). Awarded ANBAR highest rating (excellent).
- Fry, Timothy D. and Daniel C. Steele (1995). "Wall Street, Management Accounting, and Manufacturing Performance" *International Journal of Production Economics* Vol. 40
- Steele, Daniel C., William L. Berry, and Stephen N. Chapman (1995) "Planning and Control in Multi-cell Manufacturing" *Decision Sciences* Vol. 26, No. 1
- Fry, Timothy D. and Daniel C. Steele (1995). "The Role of the Management Accounting in the Development of a Manufacturing Strategy" *International Journal of Operations and Production Management* Vol 15, No. 12
- Steele, Daniel C. (1995). "A Structure for Lot Tracing Design" *Production and Inventory Management Journal* Vol. 36, No. 1. Awarded journal's annual best paper award.
- Fry, Timothy D., Brooke A. Saladin, and Daniel C. Steele (1994). "Service Oriented Manufacturing" *International Journal of Operations and Production Management* Vol. 14, No. 10.
- Malhotra, Manoj K., Daniel C. Steele, and Varun Grover (1994), "Important Strategic and Tactical Manufacturing Issues in the 1990s" *Decision Sciences* Vol. 25, No. 2.
- Steele, Daniel C. and Karen Papke-Shields (1993). "Capacity Slack: A Strategic Lead Time Alternative," *Production and Inventory Management Journal* Vol. 34, No. 4 (1993). Co-author: Karen Papke-Shields.
- Fry, Timothy D., Kirk Karwan, and Daniel Steele (1991). "Implementing Drum-Buffer-Rope to Control Manufacturing Lead Time," *The International Journal of Logistics Management* Vol. 2, No.1
- Steele, Daniel C. (1975). "The Nervous MRP system: How to do Battle," *Production and*

Inventory Management Journal, Vol 16, No. 4

BOOKS AND CHAPTERS

Steele, Daniel C. (1998). "Period Batch Control Systems for Cellular Manufacturing" In Suresh, N.C. and Kay, J.M (Eds.) *Group Technology and Cellular Manufacturing: A State-of-the-Art Synthesis of Research and Practice*, Kluwer Academic Publishers, pp309-320.

Berry, William, David Denzler, Vincent Mabert, Shailendra Jha, Stephen Chapman, and Daniel Steele (1992). *Itec, Inc.: A Manufacturing Strategy / Manufacturing Planning and Control Systems Simulation*. Richard D. Irwin, Homewood, IL.

REFEREED CONFERENCE PROCEEDINGS

"The Effect of Push and Pull Lot Splitting Approaches on Lot Traceability and Material Handling Costs in Stochastic Flow Shop Environments" *Proceedings of the 1998 Annual Meeting of the Decision Sciences Institute*. Co-Authors Hemant Kher, Manoj Malhotra

"DBR and MRP: Evaluating Function and Performance" *Proceedings of the 1995 Annual Meeting of the Decision Sciences Institute*. Co-author: Manoj K. Malhotra, Patrick Philipoom, Tim Fry

"Academic Research and the Needs of Manufacturing" *Proceedings of the 1995 Annual Meeting of the Decision Sciences Institute*. Co-author: Manoj K. Malhotra, Robert E. Markland

"Operating Characteristics of Period Batch Control" *Proceedings of the 1994 Annual Meeting of the Decision Sciences Institute*. Co-author: Manoj K. Malhotra

"The Use of Management Accounting Systems in Manufacturing" *1994 APICS International Conference*. Co-authors: Timothy D. Fry, Brooke A. Saladin

"Manufacturing Planning and Control in Cellular Manufacturing" *Proceedings of the 1993 Annual Meeting of the Decision Sciences Institute*. Co-authors: William L. Berry, Steven Chapman

"Important Manufacturing Issues in the 1990s" *Proceedings of the 1992 Annual Meeting of the Decision Sciences Institute*. Co-authors: Manoj K. Malhotra, Varun Grover

"Scheduling with Multiple Classes and Delivery Windows" *Proceedings of the 1992 Annual Meeting of the Decision Sciences Institute*. Co-authors: Steven A. Melnyk, David R. Denzler

"Comparing Material Requirements Planning and Drum-Buffer-Rope" *Proceeding of the 1991*

Annual Meeting of the Decision Sciences Institute. Co-authors: Timothy Fry, Manoj K. Malhotra, Patrick Philipoom

"Implementing Drum-Buffer-Rope to Control Manufacturing Lead Time, *Proceeding of the 1990 Annual Meeting of the Decision Sciences Institute.* Co-authors: Timothy Fry, Kirk Karwan,

"ITEC: An Integrated Manufacturing Instructional Exercise," *Proceedings of the 1989 Annual Meeting of the Decision Sciences Institute.* Co-authors: S. Chapman, W. Berry, D. Denzler, V. Mabert

OTHER PUBLICATIONS AND PRESENTATIONS

"Demands for Relevance and Beyond" *Decision Line* 27:3, June 1996

"Job Shop Scheduling with Dual Priority Orders," 1990 Annual Meeting of Decisions Sciences Institute. Co-authors: David Denzler, Steven Melnyk.

"Book Review: MRP II: Making It Happen by Thomas F. Wallace," *Industrial Management*, March-April (1986)

"Production Characteristics: Linking Control Systems and the Environment," 1988 Annual Conference of Decisions Sciences Institute.

"Disaggregation: A Practitioners's View," from Manufacturing Sector Panel, *Proceedings; Conference on the Disaggregation Problem*, The Ohio State University, March 1977.

HONORS, GRANTS, AND AFFILIATIONS

Provost's Instructional Innovation Grant (1999), "Theory of Constraints in the Classroom," University of South Carolina.

Research/Technical Services Grant (1997) "Managing the Order Fulfillment Process at the Columbia Plant of the John Deere Consumer Products Division." Funded by Center for Manufacturing and Technology, South Carolina Research Institute, University of South Carolina.

Romey Everdell Award for Journalistic Excellence (1996). Best Paper in *Production and Inventory Management Journal* for 1995, American Production and Inventory Control Society.

Research Fellowship (1995), University of South Carolina.

Prime Mover Company Fellowship (1986-87), University of Iowa.

Ponder Scholarships (Summers of 1987 and 1988), University of Iowa.

Certified Fellow in Production and Inventory Management, CFPIM (1974), American

Production and Inventory Control Society.
Certified Engineer-in-Training (1965), State of Indiana
Jonah (1998), Theory of Constraints, Goldratt Institute.
Member of Decision Sciences Institute, the Production and Operations Management Society, the
Institute for Operations Research and Management Science, and the American
Production and Inventory Control Society

OTHER ACTIVITIES

Director of MBA Field Consulting Projects

- 1998 SeaLand Corporation (Intranet web site for quality and reengineering)
- 1995 Homelite Co. (Scheduling approach)
- 1994 Homelite Co. (Inventory positioning)
- 1991 Timken Bearing Company (Lot tracing system)

National member, APICS Curriculum and Certification Council (1995–2001). At-large
member of American Production and Inventory Control Society (Columbia Mid-Carolina
Chapter), 1996–1999 . President, 1995–1996. Vice-President and Program Chair,
1994–1995. Academic liaison and student chapter advisor, 1991–1994.

Editorial Review Board of *Journal of Operations Management*.