

## Vita

James F. Cox III  
Professor Emeritus

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**PERSONAL DATA:** Born: June 18, 1945, Charleston, SC  
Marital Status: Married; Mary Ann B. Cox  
Two children (Laurie, 37; Jimmy, 34)  
Height: 5'9"  
Weight: 170 pounds  
Health: Excellent

**EDUCATION:** B.S. Clemson University 1968  
Major: Industrial Management  
Minor: Industrial Engineering

M.S. Clemson University 1972  
Major: Management  
Minor: Economics, Management Science

Ph.D. Clemson University 1975  
Major: Engineering Management

Certified JONAH (Theory of Constraints) 1988  
Certified JONAH (Theory of Constraints) Instructor 1990, 1993,  
1995, 2001  
Certified TOC Production Instructor 1992  
Certified TOC Management Skills Instructor 1996  
Certified TOC Project Management Instructor 1997  
Avraham Y. Goldratt Institute

CIRM: Certification in Integrated Resource Management - 1999  
American Production and Inventory Control Society

CFPIM: Certification in Production and Inventory  
Management - Fellow Level 1981  
Recertified – 2003, 2008  
American Production and Inventory Control Society

Certified in Supply Chain Logistics, Project Management, Finance and Measures, Strategy and Tactics, Thinking Processes. Theory of Constraints International Certification Organization (TOC ICO) 2004

**AREAS OF INTEREST:** Theory of Constraints (TOC) Philosophy  
 TOC Thinking Tools  
 Project Planning and Control Systems  
 Supply Chains (Large Scale Inventory Systems)  
 Productivity and Performance Measurement  
 Synchronized Production  
 Military Logistics Systems  
 Just-in-Time Philosophy

**PROFESSIONAL EXPERIENCE:**

- 2/04-6/04 Visiting Lecturer, Victoria School of Management, Victoria University, Wellington, New Zealand 6001.
- 8/03- present Professor Emeritus, Terry College of Business, University of Georgia, Athens, GA 30602.
- 9/93-7/03 Robert O. Arnold Professor of Business, Terry College of Business, University of Georgia, Athens, GA 30602.
- 9/83-9/93 Professor (Promoted 1985), Department of Management, Terry College of Business, University of Georgia, Athens, GA 30602.  
 I teach Production/Operations Management at undergraduate and graduate levels.
- 9/83-9/95 Director of Production/Operations Management Programs, Department of Management, Terry College of Business, University of Georgia, Athens, GA 30602.  
 As Director, I supervised our P/OM Ph.D students' teaching and directed their plans of study. I chaired 13 Production/Operations Management (P/OM) dissertations and also served on 8 P/OM and 4 Management Science dissertations.
- 9/75-9/83 Associate Professor (Promoted 1980), Department of Management, School of Business, Auburn University, 36849. I taught Data Processing, Quantitative Decision Making, Production/Operations Management, and Advanced Operations Management courses at the undergraduate level and Deterministic Models, Stochastic Models and Introductory and Advanced Operations Management courses at the graduate level. I chaired two Management Science theses.
- 5/85-5/87 Intra LATA Committee, Alabama/Mississippi Independent Telephone Associations (AMITA) and Alabama Operations, South

- Central Bell Co., Birmingham, AL. Analysis of the telecommunications environment to identify bypass potential.
- 3/84-1/85 Union Carbide Corporation, Columbus, GA. Analysis of their Quality Circle Program to identify potential/existing problems in each quality circle and the overall program.
- 4/82-1/84 South Central Bell Telephone Company, Birmingham, AL.  
Consultant in Materials and Distribution areas. I primarily assisted with designing, implementing and operating a computerized centralized direct delivery system for telephone equipment. Layout, methods improvement, and inventory and information systems areas were analyzed. In a separate project, the material management system to support the repair of PBX's was also studied.
- Consultant in an Aviation Division MIS design project. A management audit was performed to identify areas where computerization was cost effective. Several commercial software packages were analyzed in selecting the MIS.
- Consultant in office automation project for Public Relations/Public Affairs Department. User needs assessment and user education/training needs were studied.
- 8/74-5/75 Visiting Instructor, Department of Accounting and Finance, Clemson University, Clemson, SC (taught Principles of Accounting).
- 7/74-8/74 Visiting Instructor, Department of Economics, Clemson University, Clemson, SC (taught Principles of Economics).
- 8/71-5/74 Graduate Research/Teaching Assistant, Department of Industrial Management, Clemson University (taught Accounting).
- 1971 Production Planner, Owens-Corning Fiberglass, Anderson, SC. Planned and controlled production for chemical facilities and insulation production lines.
- 5/69-4/71 2nd-1st Lieutenant, U.S. Army, Corp. of Engineers. Company Commander, Battalion Adjutant, Intelligence, Operations, Executive Officer and Battalion Commander for Construction Battalion, in Korea, Army Commendation Medal 1970.
- 1968-1969 Industrial Engineer, Owens-Corning Fiberglass, Anderson, SC. Conducted time studies, methods improvement, layouts; developed equipment acquisition proposals and administered incentive programs for 3 production departments.

## PROFESSIONAL HONORS, ORGANIZATIONS AND OFFICES:

Lifetime Achievement Award, Theory of Constraints International Certification Organization, June 2010.

Consulting Editor, Constraint Management Series - St. Lucie Press and APICS. 1996-2003, 8 books in series.

Voluntary Service Award, 1997, American Production and Inventory Control Society.

Editorial Board for the Encyclopedia of Production. 1998.

Terry Fellow Research Grant, 1991.

Public Service Award, College of Business Administration, University of Georgia 1991.

Romyell Everdell Best Paper of the Year Award, 1989 American Production and Inventory Control Society.

Consulting Editor, Production/Operations Management, South-Western Publishing Co., 1986-1993

Honors Faculty, University of Georgia, 1985 - 2003

Graduate Faculty, Auburn University, 1975-1983; University of Georgia, 1983-2003

Department of Management Teaching Excellence Award, 1983-1984

Beta Gamma Sigma, Business Honor Society

Sigma Iota Epsilon, Sigma Theta Chapter, Management Honor Society

E. L. Lowder Professor of Industrial Management Distinguished Professorship, Auburn University, 1982-1983

Ad Hoc Reviewer for Journal of Human Systems Special Issue, Theory of Constraints

Ad Hoc Reviewer for OMEGA

Ad Hoc Reviewer for International Journal of Production Research, Special Issue, Theory of Constraints

Ad Hoc Reviewer for the Journal of Operations Management

Ad Hoc Reviewer for Management Science

Ad Hoc Reviewer for Interfaces

Ad Hoc Reviewer for Entrepreneurship: Theory and Practice

Ad Hoc Reviewer for Decision Sciences

Ad Hoc Reviewer for International Journal of Production Research

Ad Hoc Reviewer for International Journal of Production Economics

Association for Manufacturing Excellence 1988-1994.

Production/Operations Management Society 1994-Present.

Chairman, The Theory of Constraints -- Managing in a Throughput World Conference, September 1991, Chicago, IL. Sponsored by the Manufacturing Institute, a Division of the Institute of International Research.

Elected American Production and Control Society Educational and Research Foundation

- President - 1994,1995, 2001, 2002 (4 terms)

- Vice President, 1992-1993

- Board of Directors 1991-1996 (2-3 year terms), 2000-2002 (1-3 year term)

- Academic Liaison Committee Chairman 1990-1992

- Chairman, Academic Program, APICS E&R Foundation, 34th APICS International Conference, Seattle, WA, October, 1991

American Production & Inventory Control Society (APICS)

## Chapter level

Chattahoochee Valley APICS (V.P. Education 1980-81)  
 (President Elect 1981-82)  
 (President 1982-83)  
 (Board of Directors 1980-83)

## Region IV level

APICS Region Staff (Director of Academic Relations 1982-83)  
 (Director of Academic Relations and Certification, 1983-84)

## National level

Basics of Supply Chain Certification Examination Committee for CPIM 2007-2010.  
 APICS Constraint Management Special Interest Group Committee - 1999-2002.  
 APICS Strategic Planning Committee - 1994-1995; 1997-1998  
 Board of Directors - 1985-1988  
 Vice President of Education-Development - 1987-1988  
 Vice President of Region IV - 1985-1986  
 Board of Directors Representative to Textile/Apparel Special Interest Group - 1985-1986  
 Member - Membership and Chapter Development Committee - 1985  
 Member - Rules and Procedures Committee - 1986  
 Academic/Practitioner Liaison Committee - 1984  
 Program Chairman - Academic/Practitioner Liaison Workshop - 1984  
Production and Inventory Management Journal - Ad Hoc Reviewer - 1985-2003  
Journal of Operations Management Editorial Review Board - 1988-present.  
Performance Advantage - Editorial Review Board - 1995- present.  
 Subcommittee to develop questions for Production Activity Control Certification Examination - 1986-1988

## Southern Management Association

Board of Governors - 1985-1988  
 Track Chairman, POM, MIS, R&D - 1984  
 Reviewer/Discussant/Session Chairman - 1982, 1983, 1984, 1985, 1986, 1993  
 Best Paper Award Committee - 1988

## Society for Systems Improvement

Journal of Systems Improvement - Editorial Review Board - 1994 - 2000

## Theory of Constraints International Certification Organization (TOC ICO)

Fundamentals Examination Committee-2008-present  
 Board of Directors 2001-2003, 2005  
 Certification Oversight Committee 2003-present

**PROFESSIONAL DEVELOPMENT COURSES:**

## Taught:

Supply Chain Course (2 and 3 day workshops)  
 Production: The TOC Way Course (2 and 3 day workshop)

Constraints Management 1-2-3 Workshops (3 one-day programs: measures, logistics and thinking processes)  
 Theory of Constraints Management Skills Workshop (5 days)  
 Theory of Constraints Production Workshop (5 days)  
 Production: The TOC Way (3 hours)  
 Avraham Y. Goldratt JONAH Workshop (2 weeks)  
 Theory of Constraints Seminar (1 day)  
 Executive Decision-making Theory of Constraints Workshop (2 days)  
 Finance and Logistics Functional Theory of Constraints Workshop (2 days)  
 APICS Just-in-Time Certification Workshop  
 APICS Inventory Management Certification Workshop  
 APICS Capacity Management Certification Workshop  
 APICS Material Requirements Planning Certification Workshop  
 APICS Master Planning Certification Workshop  
 APICS Production Activity Control Certification Workshop

## **COMMITTEES:**

College Faculty Concerns Committee, 2000-2003.  
 Chairman, Student Appeals Committee, Management Department, 1998-2002.  
 Terry College of Business, Public Service Award Committee. 1997, 1998.  
 Grant Reviewer, APICS E&R Foundation - Marketing Science Institute Research Competition - Harmonizing the Marketing Manufacturing Interface, Reviewed 48 research proposals, 1995  
 Grant Reviewer, Research Grant Program, National Consortium for Technology in Business, Thomas Walter Center for Technology Management, Auburn University, Reviewed 8 research proposals, 1994  
 Research Grant Reviewer, State of Louisiana, 1993  
 Search Committee for P/OM Faculty, Chairman, 1993-94  
 University Faculty Professional Programs Summer Research Grant Committee, 1993-1097, Chairman, 1994-95-96  
 Search Committee for Department Head, Management Department, Terry College of Business, 1991  
 Search Committee for a Director of Graduate Programs, Terry College of Business, 1991  
 Search Committee for a Director of Accounting School, 1988  
 Director of Production/Operations Management Programs, 1983-1995  
 Advisor to University of Georgia Student Affiliated APICS Chapter, 1983-1985  
 MBA Core Course Coordinating Committee, 1984-86  
 College of Business Promotion and Tenure Committee, 1987, 1991, 1994-96, 1999-2000  
 University Council Member, 1986-1989  
 University Curriculum Committee, 1986-1989  
 University Curriculum Subcommittees (2)  
 Mathematics and Physical Sciences Curriculum Subcommittee, 1986-1989, Chairman, 1987  
 Other Professional Courses Subcommittee, 1986-1989  
 University Ad Hoc Promotion and Tenure Committee, 1989 (2)  
 University Graduate Faculty Committee to evaluate EdD Programs in Higher Education, 1988-89

**LIST OF PUBLICATIONS:****Journal Articles****Published:**

Betterton, Carl E. and James F. Cox III (2012): Production rate of synchronous transfer lines using Monte Carlo simulation, International Journal of Production Research, DOI:10.1080/00207543.2011.645081

Kim, S., J. F. Cox III and V. J. Mabin. An exploratory study of protective capacity in a re-entrant line. International Journal of Production Research, Vol. 48, No. 14, 15 July 2010, 4153–4178.

Blackstone, J. H., J. F. Cox III and J.G. Schleier. A tutorial on project management from a Theory of Constraints perspective. International Journal of Production Research, Dec. 2009, **47**(24), pp. 7029-7046.

Betterton, C.E., and Cox, J.F.III, Espoused drum-buffer-rope flow control in serial lines: A comparative study of simulation models, International Journal of Production Economics (2008), doi:10.1016/j.ijpe.2008.08.050

Cox, James F. III and Edward D. Walker II, “The Poker Chip Game: A Multi-product, Multi-location, Multi-echelon, Stochastic Supply Chain Network Useful for Teaching the Impacts of Pull versus Push Inventory Policies on Link and Chain Performance”, INFORMS Transactions on Education, special issue on Supply Chain Management Education Vol. 6, Issue 3, 2006, pp. 3-19.

Walker, Edward D. II and James F. Cox III, “Addressing Ill-Structured Problems Using Goldratt’s Thinking Processes: A White Collar Example”, Management Decision. Vol. 44, Issue 1, March, 2006, pp. 137-154.

Mabin, Vicky, J., John Davies, and James F. Cox III, “Using The Theory Of Constraints Thinking Processes To Complement System Dynamics’ Causal Loop Diagrams In Developing Fundamental Solutions”, International Transactions in Operational Research, Vol. 13, pp. 33-57, 2006.

Cox, James F. III, Vicky J. Mabin, and John Davies, “A Case for Personal Productivity: Illustrating Methodological Developments in TOC”, Human Systems Management, Vol. 24, No. 1, 2005, Special Issue, Theory of Constraints: Practice and Research, 39-65. Reprinted in Ronen, Boaz, Human Systems Management, ISO Press, 2005, 124 pages.

Cox, James F. III and Edward D. Walker II, “Increasing Student Interest and Comprehension of Production Planning and Control and Operations Performance Measurement Concepts Using A Production Line Game”, Journal of Management Education, Vol. 29, No. 3, June 2005, 489-511.

Ian P. Conradie, W. Dale Greene, James F. Cox, and Glen E. Murphy. “Applying the Thinking Process of the Theory of Constraints: An Exploratory Research Methodology to

Evaluate the Lack of Use of Cut-to-Length Harvesting Systems in the Southeastern United States”, Journal of Forest Products Research, volume 2, Issue 1, 2005.

Cox, James F. III and Edward D. Walker II, “Using a Socratic Game to Introduce Basic Line Design and Planning and Control Concepts”, Decision Sciences Journal of Innovative Education, 2(1), pp. 77-82, 2004.

Kim, Seonmin, K. Roscoe Davis, and James F. Cox III, “Investigation of Flow Control Mechanisms in Simple Lines,” Production Planning and Control, Vol. 14, No. 1, (2003) 15-32.

Kim, Seonmin, K. Roscoe Davis, and James F. Cox III, “An Investigation of Flow Control Mechanisms in Semiconductor Wafer Fabrication,” International Journal of Production Research, Vol. 41, No. 4, (2003).

Blackstone, John H. Jr. and James F. Cox III, “Designing Unbalanced Lines—Understanding Protective Capacity and Protective Inventory” Production Planning and Control, Vol. 13, No. 4, (2002) 416-423.

Boyd, Lynn H. and James F. Cox, “Optimal Decision Making Using Cost Accounting Information.” International Journal of Production Research, Vol. 40, No. 8, 2002, 1879-1898.

Draman, Rexford H., Archie Lockamy III, and James F. Cox. “Constraint-Based Accounting and its Impact on Organizational Performance: A Simulation of Four Common Business Strategies.” Integrated Manufacturing Systems, Vol. 13, No. 8, 2002, 190-200.

Cox, James F., Rexford Draman, Lynn H. Boyd, and Michael S. Spencer. “A Cause And Effect Approach to Analyzing Performance Measures: Part II Internal Plant Operations,” Production and Inventory Management Journal, (Vol. 39, No. 4), 4<sup>th</sup> Quarter, 1998.

Berry, Rik, Henry Hildenbrand, and James F. Cox, and Owen Kingman, A TOC Analysis of an Arborescent Inventory System,” Journal of Systems Improvement, Vol.2, No.1, (Summer/Fall 1998).

Walker, Edward and James F. Cox, “Generic Airlines Reservation Sales Office: A Case Study of Decision Making Using Theory of Constraints versus Traditional Costing,” Journal of Systems Improvement, Vol.2, No.1, (Summer/Fall 1998).

Cox, James F., Jerry Howe and Lynn Boyd. “Transfer Pricing Effects on Locally Measured Organizations.” Industrial Management (Vol. 39, No. 2), March/April 1997, pp. 20-29.

Kwolek, Marsha J. and James F. Cox III, “The Use of a Current Reality Tree to Identify Policy Constraints in a Military Organization,” Journal of Systems Improvement, (Summer/Fall, 1997) Vol. 1, No. 2, pp. 17-24.

Cox, James F. III, John H. Blackstone, Jr. and Archie Lockamy, "A Performance Measurement Model for World Class Manufacturing," Journal of Systems Improvement, (Summer/Fall, 1997) Vol. 1, No. 2, 1997.

Boyd, Lynn and James F. Cox III, "A Cause and Effect Approach to Analyzing Performance Measures: Part I -- The Plant Level," Production and Inventory Management Journal, (Vol. 38, No. 3), 3<sup>rd</sup> Qtr, 1997, pp. 25-32.

Spencer, Michael S. and James F. Cox, "An Analysis of the Product-Process Matrix and Repetitive Manufacturing," International Journal of Production Research, Vol. 33, No. 5, 1995, pp. 1275-1294.

Spencer, Michael S. and James F. Cox, "The Role of MRP in Repetitive Manufacturing," International Journal of Production Research, Vol. 33, No. 7, 1995, pp. 1881-1899.

Spencer, Michael S. and James F. Cox, "Optimum Production Technology (OPT) and the Theory of Constraints (TOC): Analysis and Genealogy," International Journal of Production Research, Vol. 33, No. 6, 1995, pp. 1495-1504.

Lockamy, Archie III, and James F. Cox, "An Empirical Study of Division and Plant Performance Measurement Systems in World Class Manufacturing Firms: Linkages for Competitive Advantage," International Journal of Production Research, Vol. 33, No. 1, 1995, pp. 221-236.

Spencer, Michael S. and James F. Cox, "Master Production Scheduling Development in a Theory of Constraints Environment: Tutorial and Analysis," Production and Inventory Management Journal, (Vol. 36, No. 1), 1st Qtr, 1995, pp. 8-14.

Cox, James F., "Teaching Goldratt's Thinking Process Using A Personal Productivity Example," The Journal of Systems Improvement, (Vol. 1, No. 1), June 1995, pp. 39-48.

Wahlers, James L. and James F. Cox, "Competitive Factors and Performance Measurement: Applying the Theory of Constraints to Meet Customer Needs," International Journal of Production Economics, Vol. 37, 1994, pp. 229-240.

Hull, Dennis L. and James F. Cox, "The Field Service Function in the Electronics Industry: Providing a Link between Consumers and Production/ Marketing," Special Issue on Manufacturing-Sales Coordination of the International Journal of Production Economics, (Vol. 37, No. 1), 1994, pp. 115-127.

Spencer, Michael S. and James F. Cox, "Sales and Manufacturing Coordination in Repetitive Manufacturing: Characteristics and Problems," Special Issue on Manufacturing-Sales Coordination of the International Journal of Production Economics (Vol. 37, No. 1), 1994, pp 73-82.

Schragenheim, Eli, James F. Cox and Boaz Ronen, "Process Flow Industry - Scheduling and Control Using Theory of Control," International Journal of Production Research, Vol. 32, No. 8, 1994, pp. 1867-1877.

Howe, W. Gerry and James F. Cox, "Enterprise Implications of Transfer Pricing," Production and Inventory Management Journal, (Vol. 35, No. 2), 2nd Quarter, 1994, pp. 35-38.

Moore, Richard I. and James F. Cox, "An Analysis of the Forecasting Function in Large-Scale Inventory Systems," International Journal of Production Research, (Vol. 30, No. 9), 1992, pp. 1987-2010.

Fry, Timothy D., James F. Cox, and John H. Blackstone, "An Analysis and Discussion of the OPT Software and Its Use," Production and Operations Management Journal, Vol. 1, No.2, Spring 1992, pp. 229-242.

Lockamy III, Archie and James F. Cox, "Using V-A-T Analysis for Determining the Priority and Location of JIT Manufacturing Techniques," International Journal of Production Research, Vol. 29, No. 8, 1991, pp. 1661-1672.

Crawford, Karlene M. and James F. Cox, "Addressing Manufacturing Problems Through the Implementation of Just-In-Time," Production and Inventory Management Journal, 1991, pp. 33-36.

Crawford, Karlene M. and James F. Cox, "Designing Performance Measurement Systems for Just-in-Time Environments," International Journal of Production Research, Vol. 28, No. 11, 1990, pp. 2025-2036.

Snyder, Charles A. and James F. Cox, "Developing Computer Integrated Manufacturing: Major Issues and Problem Areas," Engineering Costs and Production Economics, Vol. 17, 1989, pp. 197-204.

Fry, Timothy D. and James F. Cox, "Manufacturing Performance: Local Versus Global Measures," Production and Inventory Management Journal, Vol. 30, No. 2, 2d Qtr., 1989, pp. 52-57. Romyell Everdell Best Paper of the Year Award, 1989.

Ford, F. Nelson, Bryan Gabor, Charles A. Snyder and James F. Cox, "Telecommunications Educational Needs in the Post-Divestiture Environment," The Journal of Computer Information Systems, Summer, 1989.

Finch, Byron J. and James F. Cox, "WIP Inventory as an Asset: The Impact of Bill of Material Shape, Production Stage, and Plant Type on its Strategic Use," Production and Inventory Management Journal, Volume 30, No. 1, First Quarter, 1989, pp. 63-67.

Crawford, Karlene M., and John H. Blackstone and James F. Cox, "A Study of JIT Implementation and Operating Problems," International Journal of Production Research, Vol. 26, No. 9, 1988, pp. 1561-1568.

Finch, Byron J. and James F. Cox, "Process-Oriented Production Planning and Control: Factors That Influence System Design," Academy of Management Journal, Vol. 31, No. 1, March 1988, pp. 123-153.

Snyder, Charles A. and James F. Cox, "Designing an Information System for Perishable Tools Inventory: A Hybrid Approach," Engineering Costs and Production Economics, Vol. 12, 1987, pp. 357-365.

Ford, F. Nelson, David Bradbard, William N. Ledbetter and James F. Cox, "Use of Operations Research in Production Management," Production and Inventory Management, Vol. 28, No. 3, Third Quarter, 1987, pp. 59-63.

Ford, F. Nelson, David A. Bradbard, James F. Cox, and William N. Ledbetter, "Simulation in Corporate Decision Making: Then and Now," Simulation, Vol. 49, No. 6, December 1987, pp. 277-282.

Blackstone, J. H., James F. Cox and James L. Wahlers, "MRP Software for Small Computer Systems," Production and Inventory Management, Vol. 28, No. 2, Second Quarter, 1987, pp. 85-93.

Bradbard, David A., F. Nelson Ford, James F. Cox and William N. Ledbetter, "The Management Science/Operations Research Industrial-Academic Interface," Interfaces, Vol. 17, No. 2, March-April 1987, pp. 39-48.

Norris, Dwight R. and James F. Cox, "Quality Circle Programmes: Volunteering for Participation," Journal of Occupational Behavior, Vol. 8, 1987, pp. 209-217.

Cox, James F. and Charles A. Snyder, "Improving Productivity in Distribution - A Systems Approach," Industrial Management, Vol. 28 No.4, August 1986, pp. 13-17.

Cox, James F. and J. Tyrone Gibson, "Inventory Management for Hospital Pharmacies," Hospital Material Management Quarterly, Vol. 8, No. 1, August 1986, pp. 64-74.

Gibson, J. Tyrone and James F. Cox, "Cycle Counting, Part II: Automation of Cycle Counting," Journal of Healthcare Materiel Management, Vol. 4, No. 6, November-December 1986, pp. 46-55.

Gibson, J. Tyrone and James F. Cox, "Cycle Counting: A Method for Determining an Accurate Quantity-on-Hand Value," Journal of Healthcare Materiel Management, Vol. 4, No. 5, September-October 1986, pp. 88-92.

Snyder, Charles A. and James F. Cox, "A Multidisciplinary Approach to Assessing and Improving Distribution System Effectiveness," Methods of Operations Research, Vol. 54, 1986, pp. 561-577.

Ledbetter, William N., James F. Cox and Charles A. Snyder, "Education, Training Needs Must be Assessed Before System Implementation," Data Management, Vol. 24, No. 5, May 1986, pp. 16-19.

Finch, Byron J. and James F. Cox, "An Examination of Just-in-Time Management for the Small Manufacturers: With an Illustration," International Journal of Production Research, Vol. 24, No. 2, 1986, pp. 329-342.

Cox, James F., "Production/Operations Management at the University of Georgia," Operations Management Review, Vol. 3, No. 4, 1985, pp. 14-18.

Cox, James F. and Charles A. Snyder, "Systems Analysis in a Complex Environment: An Interactive Educational Approach," Information and Management, Vol. 8, No. 5, May 1985, pp. 247-252.

Snyder, Charles A. and James F. Cox, "A Dynamic System Development Life Cycle Approach: A Project Management Information System," Journal of Management Information Systems, Vol. II, No. 1, Summer 1985, pp. 61-76.

Blackstone, John H. Jr. and James F. Cox, "Inventory Management Techniques for Finished Goods," Journal of Small Business Management, Vol. 23, No. 2, April 1985, pp. 27-33.

Ledbetter, William N., Charles A. Snyder, and James F. Cox, "Assessing the Organization Climate for OA Implementation," Information and Management, Vol. 8, No. 3, March 1985, pp. 155-170.

Adams, Fred P. and James F. Cox, "Manufacturing Resource Planning: An Information Systems Model," Long Range Planning, Vol. 18, No. 2, 1985, pp. 86-92.

Blackstone, John H. Jr. and James F. Cox, "MRP Design and Implementation Issues for Small Manufacturers," Production and Inventory Management, Vol. 26, No. 3, Third Quarter 1985, pp. 65-76.

Fortenberry, Jesse C. and James F. Cox, "Multiple Criteria Approach to the Facilities Layout Problem," International Journal of Production Research, Vol. 23, No. 4, 1985, pp. 773-782.

Blackstone, John H. Jr. and James F. Cox, "Selecting MRP Software for Small Businesses," Production and Inventory Management, Vol. 26, No. 4, Fourth Quarter 1985, pp. 42-50.

Fortenberry, Jesse C., Charles A. Snyder, and James F. Cox, "A Multicriteria Decision Support Model for Facilities Layout," Methods of Operations Research, Vol. 50, 1985, pp. 559-564.

Snyder, Charles A., James F. Cox, and George Griesinger, "Designing a Quality Assurance Information System for a Process Firm - A Case Study," Engineering Costs and Production Economics (Special Edition), Vol. 9, Nos. 1-3, April 1985, pp. 169-176.

Cox, James F., William N. Ledbetter, and Charles A. Snyder, "An Approach to Identifying the Networking Requirements of an Office Automation System," Industrial Engineering, December 1984, pp. 52-56.

Snyder, Charles A., James F. Cox, and Stephen J. Clark, "Computerized Production and Control Systems: Major Problem Areas," Methods of Operations Research, November 1984, Vol. 50.

Humphrey, Charles R., J. Tyrone Gibson, and James F. Cox, "Cycle Counting As a Method for Improving Perpetual Inventory Accuracy," Hospital Material Management Quarterly, Vol. 6, No. 2, October, 1984, pp. 59-64.

Cox, James F., and Steven J. Clark, "Problems in Implementing and Operating a Manufacturing Resource Planning Information System," Journal of Management Information Systems, Vol. 1, No. 1, Summer 1984, pp. 81-101.

Mitra, Amitava, James F. Cox, and Richard R. Jesse, "A Note on Determining Order Quantities with a Linear Trend in Demand," Operational Research Quarterly, Vol. 35, No. 2, 1984, pp. 141-144.

Jesse, Richard R., Amitava Mitra, and James F. Cox, "EOQ Formula: Is it Valid Under Inflationary Conditions," Decision Sciences, Vol. 13, No. 2, July 1983, pp. 370-374.

Mitra, Amitava, James F. Cox, John H. Blackstone, and Richard R. Jesse, "A Re-Examination of Lot Sizing Procedures for Requirements Planning Systems--Some Modified Rules," International Journal of Production Research, Vol. 21, No. 4, 1983, pp. 471-478.

Snyder, Charles A., James F. Cox, and George Griesinger, "Quality Assurance Information System for a Brewery," Journal of Systems Management, Vol. 34, No. 4, April 1983, pp. 16-19.

Clark, Steven J., James F. Cox, Richard R. Jesse, and Robert W. Zmud, "How to Evaluate Your Material Requirements Planning System," Production and Inventory Management Journal, Vol. 23, No. 3, Third Quarter, 1982.

Snyder, Charles A., James F. Cox, and Richard R. Jesse, "A Dependent Demand Approach to Service Organization Planning and Control," Academy of Management Review, Vol. 7, No. 3, July 1982, pp. 455-466.

Snyder, Charles A., and James F. Cox, "Transferring MRP Theory to the Service Sector," Methods of Operations Research (Operations Research Verfahren), Vol. 44, 1981, pp. 665-678.

Mitra, Amitava, James F. Cox, and Abe Kellizy, "Statistical Aspects in a Simulation Study," Computers and Industrial Engineering, Vol. 5, No. 3, Fall 1981, pp. 195-204.

Cox, James F., and Richard R. Jesse, "An Application of Material Requirements Planning to Higher Education," Decision Sciences, Vol. 12, No. 2, April 1981, pp. 240-260.

Cox, James F., Robert W. Zmud, and Steven J. Clark, "Auditing an MRP System," Academy of Management Journal, Vol. 24, No. 2, June 1981, pp. 386-402.

Cox, James F., "Problems of Quantitative Models in Large Management Information Systems: A Comment," Interfaces, Vol. 10, No. 6, December 1980, pp. 111-115.

Cox, James F., and Fred P. Adams, "Manufacturing Resource Planning: An Integrated Decision Support System," Simulation, Vol. 32, September 1980, pp. 73-79. Reprinted in Simulation in Business Planning and Decision Making by Thomas Naylor, June 1982.

Zmud, Robert W., and James F. Cox, "The Implementation Process: A Change Approach," MIS Quarterly, Vol. 3, No. 2, June 1979, pp. 35-43.

Cox, James F., and William N. Ledbetter, "A Survey of the Operations Research Function in Large U.S. Industrial Firms," Review of Industrial Management and Textile Science, Vol. 17, No. 2, Fall 1978, pp. 27-36.

Cox, James F., and Steven J. Clark, "Material Requirement Planning Systems Development," Computers and Industrial Engineering, Vol. 2, No. 3, May 1978, pp. 123-139.

Cox, James F., William N. Ledbetter, and Jeannette M. Smith, "An Analysis of the Operations Research/Management Science Industrial-Academic Interface," Interfaces, Vol. 9, No. 1, November 1978, pp. 95-103.

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Ledbetter, William N., and James F. Cox, "Operations Research in Production Management: An Investigation of Past and Present Utilization," Production and Inventory Management Journal, Vol. 18, Third Quarter, 1977, pp. 84-92.

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"What's Wrong With American Businesses?" Leadership Tocoa Conference, Tocoa, Georgia, November 1993.

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Logistics Paradigm Theory of Constraints One-Day Workshop (2 sessions), Technical Operations Group, Delta Airlines, December 1992 and January 1993.

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Assessing P/OM Programs for Relevancy, University of South Florida, Tampa, FL, September 1992.

Theory of Constraints -- Attacking Policies, Delta Air Line Executives, Atlanta, GA, September 1992.

Performance Measurement for World Class Organizations, Athens APICS Chapter, Athens, GA, September 1992.

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Executive Decision-Making Course for Hospital Administrators, Two-day Theory of Constraints Course, Warner Robins Hospital, April 1992.

Meeting the Challenge - World Class Organizations, Rotary Club, Lewiston, GA, April 1992.

Theory of Constraints Workshop, 1-day, Thermo King Corp., Lewiston, GA, April 1992.

Theory of Constraints - Thinking Paradigm, 1-day Workshop, Atlantic Coast Symposium, Myrtle Beach, SC, March 1992.

Military Jonah Course - Thinking Process, two weeks, Warner Robins, GA, February 1992.

Preparing for Management -- Panel Discussion, Annual Meeting Georgia Section, American Society of Agricultural Engineers, University of Georgia, Athens, GA, October 1991.

The Role of Education and People in the 90s -- A Special Panel Discussion, 34th APICS International Conference, Seattle, WA, October 1991.

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Local versus Global Business Paradigm, 14th Annual Business and Industry Conference, Georgia College, Milledgeville, GA, May 1991.

P/OM Academic "Jonah" Course, University of Georgia, Athens, GA, with Dr. John Blackstone, June 1991.

Executive Decision Making Course - Two-day Theory of Constraints Course, May 1991, 3 sessions. Taught to top military and civilian managers at Warner Robins AFB.

Military "Jonah" Course, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, with Dr. Eli Goldratt, and Dick Moore, March 1991.

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"A Strategic View of Theory of Constraints" Workshop for Young Presidents' Organization, Toledo, OH, April 1990.

"Performance Measurement: Problems and Potential Solutions" Central Georgia APICS, Milledgeville, GA, February 1990.

"Constraints in Purchasing," Purchasing Management Association of Chattahoochee Valley, Columbus, GA, January 1990.

Executive Decision Making Theory of Constraints Workshop (2 days each given twice), Air Force Institute of Technology, Wright Patterson Air Force Base, OH, December 1989.

Theory of Constraints Seminar (8 hours), Air Force Institute of Technology, Wright Patterson Air Force Base, OH, December 1989.

Strategic Use of WIP Inventory in Manufacturing, Athens APICS Chapter, November 1989.

Executive Decision Making Theory of Constraints Workshop (2 days), University of Georgia, November 1989.

Theory of Constraints Workshop (4 hours), Southern Management Association, New Orleans, LA, November 1989.

Theory of Constraints and Computer Integrated Manufacturing Workshop with Robert Williams (2 days), Johannesburg, South Africa; June 1989, Durbin, South Africa; June 1989, East London, South Africa; June 1989, Port Elizabeth, South Africa; June 1989.

Executive Decision Making Theory of Constraints Workshop (2 days), Auburn University, AL, May 1989.

"Synchronized Production, Part III," Chattahoochee Valley APICS, LaGrange, GA, May 1989.

"Inventory: An Asset or Liability," Northeast Alabama Chapter, Oxford, AL, March 1989.

"A Comparison of the Just-in-Time and Theory of Constraints Philosophies," with John H. Blackstone, Athens APICS Chapter, Athens, GA, March 1989.

Finance and Logistics Functional Education Theory of Constraints Workshop (2 days), University of Georgia, March 1989.

Finance and Logistics Functional Education Theory of Constraints Workshop (2 days), University of Georgia, February 1989.

"Manufacturing Inventories: An Asset or Liability," Atlanta APICS Chapter, Atlanta, GA, February 1989.

"Using Manufacturing Inventories as a Strategic Weapon," Mid Georgia APICS Chapter, Macon, GA, January 1989.

"Drum, Buffer, Rope Concept and the Location of WIP Inventory in V, A, and T Facilities," Augusta APICS Chapter, Augusta, GA, November 1988.

"Performance Measurement Systems for JIT Operations: A Panel Discussion," APICS 31st International Conference, Las Vegas, NV, October 1988. (With Karlene Crawford)

Education Forum Panel, APICS 31st International Conference, Las Vegas, NV, October 1988.

"Advanced Synchronized Production Concepts for Production Planning and Control in V, A and T Facilities," Chattahoochee Valley APICS Chapter, Auburn Alabama, May 1988.

"Manufacturing Today -- JIT, OPT, MRP and Managerial Accounting," Georgia Association of Accounting Instructors," Atlanta, Georgia, February 1988.

"Manufacturing Today -- JIT, OPT, MRP and Managerial Accounting," Georgia Association of Accounting Instructors," Atlanta, Georgia, February 1988.

"Advanced Synchronized Production Concepts for Production Planning and Control in V, A and T Facilities," Athens APICS Chapter, Athens, Georgia, January 1988.

"Process-oriented Production Planning and Control: Principles for System Design," Central Georgia APICS Chapter, Macon, Georgia, January 1988.

"Synchronized Manufacturing Principles and Practices," Chattahoochee Valley APICS Chapter, Auburn, Alabama, June 1987.

"Majors and Careers in Production/Operations Management", University of Georgia Student APICS Chapter, Athens, Georgia, May 1987.

"University of Georgia Production/Operations Programs" with Blackstone and Gilbert, Athens APICS Chapter, Athens, Georgia, May 1987.

"Synchronized Production Principles and Practices," Central Georgia APICS Chapter, Macon, Georgia, March 1987.

"Bypass--An Opportunity or Threat" South Central Bell Executive Conference Calloway Gardens, Georgia, March 1987.

"The Philosophy of Synchronized Production," Southwest Georgia APICS Chapter, Albany, GA, December 1986.

"A Tutorial on Synchronized Production," BAMA APICS Chapter, Birmingham, AL, December 1986.

"A Tutorial on Synchronized Production," South Puerto Rico APICS Chapter, Ponce, PR, December 1986.

"The Philosophy of Synchronized Production," Athens APICS Chapter, Athens, GA, September 1986.

"The Philosophy of Synchronized Production," North Central Florida APICS Chapter, Ocala, FL, September 1986.

"Synchronized Production," South Central Mississippi APICS Chapter, Jackson, MS, June 1986.

"A Tutorial on Synchronized Production," Greater Jacksonville (FL) APICS Chapter, June 1986.

"A Tutorial on Synchronized Production," Puerto Rico First Manufacturing Conference, San Juan, P.R., June 1986.

"A Tutorial on Synchronized Production," New Orleans APICS Chapter, May 1986.

"Synchronized Production," Tennessee Valley APICS Chapter, Huntsville, AL, April 1986.

"Careers in Materials Management," University of Georgia Student APICS Chapter, Athens, GA, October 1985.

"APICS Educational Materials and Certification," COPICS Users Group (Southern Region), Atlanta, GA, July 1985.

"Certification," New Orleans APICS Chapter, May 1985.

"Auditing a Quality Circle Program" Workshop, New Orleans APICS Chapter, May 1985.

"Quality Circles," Mid-Florida APICS Chapter, Orlando, FL, May 1985.

"Quality Circles," Oestes APICS Chapter, Mayaguez, Puerto Rico, January 1985.

"Quality Circles," Chattahoochee Valley Chapter, Columbus, GA, December 1984.

"Certification," Greater Jacksonville Chapter, Jacksonville, FL, October 1984.

"Certification," SOWEGA APICS Chapter, Albany, GA, June 1984.

Panel - "Certification," Atlanta APICS Chapter, Atlanta, GA, March 1984.

"Certification," Augusta APICS Chapter, Augusta, GA, February 1984.

"Certification," Bama APICS Chapter, Birmingham, AL, January 1984.

Panel - "Operations Management Curricula," Southern Management Meeting, Atlanta, GA, October 1983.

"Careers in P/OM," University of Georgia APICS Student Chapter, Athens, GA, October 1983.

"Operations Management - Past, Present and Future," Puerto Rico APICS Chapter, San Juan, P.R., June 1983.

"Certification," Tennessee Valley APICS Chapter - Huntsville, AL, December 1982.