

VITA
Michael E. Busing
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EDUCATION

- 1996 Clemson University, Clemson, South Carolina. Doctor of Philosophy in Industrial Management.
Area of Emphasis: Production and Operations Management
Dissertation Title: A Comparison of Push, Pull, and Hybrid Approaches to Shop Floor Dispatching
Research Director: Dr. R. Lawrence LaForge
- 1990 Ball State University, Muncie, Indiana. Master of Science in Management Science.
Areas of Emphasis: Production and Operations Management
 Management Science
- 1988 Purdue University, West Lafayette, Indiana. Bachelor of Science in Management.
Areas of Emphasis: Production and Operations Management
 Finance

PROFESSIONAL EXPERIENCE

- 2010 – Present Director, MBA Programs, James Madison University, Harrisonburg, Virginia
Professor, Operations Management (CIS & MS Program), James Madison University, Harrisonburg, Virginia
- 2002- 2010 Associate Professor (with tenure), Operations Management (CIS & MS Program), James Madison University, Harrisonburg, Virginia.
- 1996 - 2002 Assistant Professor, Operations Management (CIS/OM Program), James Madison University, Harrisonburg, Virginia.
- 1991 - 1996 Laboratory Assistant, Manufacturing Management Laboratory, Clemson University, Clemson, South Carolina.
Assisted with manufacturing planning and control (MPC) software installation and maintenance.
Assisted with development of educational materials to integrate MPC software into operations management courses.
- Graduate Teaching Assistant
Clemson University, Clemson, South Carolina.
Responsible for preparation and presentation of Operations Planning and Control.

TEACHING EXPERIENCE

Operations Management	(Graduate and Undergraduate Level)
Quantitative Methods	(Graduate and Undergraduate Level)
Quantitative Methods – Distance Education	(Information Security MBA Program)
Integrated Functional Systems - Operations	
Operations Planning and Control Systems	
Quality Management	

RESEARCH INTERESTS

Push/Pull Hybrid Shop Floor Controls
Implementing JIT principles in a Material Requirements Planning Environment
Effects of Experiential Learning Activities on Knowledge Acquisition
Web-Enabled ERP and Information Security
ERP Systems Application

PUBLICATIONS**Published/Accepted for Publication:**

Pal, R. and **Busing, M.E.** “Effectiveness of Teaching Operations Management in an Integrated Format,” International Journal of Production Economics, Vol. 115, 2008. pp. 594-610.

Rosenkranz, S.R., **Busing, M.E.**, Teer, F.P., and Forcht, K.A. “The Role of Quantitative Analysis in the Information Security Systems Development Lifecycle,” Journal of International Technology and Information Management, Vol. 16, No. 2, 2007. pp. 16-26.

Pal, R. and **Busing M.E.**, “Student Perception of Operations Management Courses When Offered as Part of an Integrated Experience With Common Deliverables,” Proceedings, Annual Meeting of the Decision Sciences Institute, Phoenix, Arizona, 2007.

Busing, M.E., Null, J.D., and Forcht, K.A. “Computer Forensics: The New Crime Fighting Tool,” Journal of Computer Information Systems, Vol. 46, No. 2, 2006. pp. 115-119.

Busing, M.E., “Inter-Firm Information Sharing in Enterprise Resource Planning Systems: A Call for Timely but Limited Access to Customer Information,” Australian Journal of Information Systems, Vol. 9, No. 1, 2001. pp. 15-20.

Shanmugam, R., Forcht, K.A., and **Busing, M.E.**, “SAP R/3: A Reengineering Tool at Tenneco, Inc.,” Journal of Computer Information Systems, Vol 41, No. 1, 2000. pp. 18-24.

Published/Accepted for Publication (cont'd):

Busing, M.E., "The Use of Software for Selection of an Enterprise Resource Planning (ERP) Package," Issues in Information Systems, Vol. 1, 2000. pp. 48-52.

LaForge, R.L. and **Busing, M.E.**, "The Use of Industrial Software to Create Experiential Learning Activities in Operations Management Courses," Production and Operations Management, Vol. 7, No. 3, 1998. pp. 325-334.

Busing, M.E., "Emge Packing Company, Incorporated." In D.F. Kuratko & R.M. Hodgetts, Entrepreneurship: A Contemporary Approach (5th ed.), Fort Worth, TX: Harcourt College Publishers, 2001. pp. 675-692.

Busing, M.E., "The challenge of taking advantage of inter-firm information sharing in enterprise resource planning systems while limiting access to sensitive customer information," Proceedings, Annual Meeting of the International Association for Computer Information Systems, Vancouver, BC, 2001.

Busing, M.E. "Enterprise Resource Planning (ERP): Pedagogy Implementation at James Madison University," Proceedings, Annual Meeting of the International Association for Computer Information Systems, San Antonio, TX, 1999.

Busing, M.E. "The Role of Manufacturing Planning and Control Systems in Creating Competitive Advantage for the New Millenium," Proceedings, Annual Meeting of the International Association for Computer Information Systems, Cancun, Mexico, 1998.

Busing, M.E. "Just-In-Time and Environmental Uncertainty," Proceedings, Annual Meeting of the Decision Sciences Institute, San Diego, California, 1997.

Wang, P. and **Busing, M.E.** "A Simulation Model to Improve Warehouse Productivity," Proceedings, Southeastern Chapter of InfORMS, Myrtle Beach, South Carolina, 1997.

Busing, M.E. "Comparison of Push, Pull, and Hybrid Shop Floor Control Policies in Job Shop Environments," Proceedings, Annual Meeting of the Decision Sciences Institute, Orlando, Florida, 1996.

Emery, C.R., **Busing, M.E.**, and Cao, Q., "Simulation of Dispatch Rule Sequencing in a Multi-Processor Flow Shop: A Case Study," Proceedings, Southeastern Meeting of the Decision Sciences Institute, Williamsburg, Virginia, 1994. (Presenter). Runner-up in student paper competition.

AWARDS/GRANTS

2009	Best Academic Publication Award, College of Business (with Raktim Pal)
2005	Awarded NVR/Ryan Homes Faculty Fellowship
1998	Appointed to Graduate Faculty. James Madison University.
1997-1998	Kroeber Faculty Development Fellowship. James Madison University.
1997	Summer Research Grant. James Madison University, \$3000.

- 1995 Member of the Year Award. American Production and Inventory Control Society (Industrial Crescent Chapter, Greenville, SC).
- 1994 SEDSI Annual Meeting, Student Paper Competition, runner-up.
- 1991 Student Award. American Production and Inventory Control Society (Industrial Crescent Chapter, Greenville, SC), \$500.

PROFESSIONAL MEMBERSHIPS

APICS (The Educational Society for Resource Management)
Decision Sciences Institute
IACIS (International Association for Computer Information Systems)

MPC COMPUTER SOFTWARE EXPERIENCE

MAPICS XA
FACTOR
JOBSCOPE

PROGRAM, COLLEGE, UNIVERSITY, AND PROFESSIONAL SERVICE

Program Service

- **Recruiting Committee for RTA Position (Operations Management Instructor for COB 300 Course), 2009**
- **Committee to Respond to Core Curriculum Task Force Reports, 2008-2009** – Assisted in focus groups and in drafting new learning objectives for Operations and Supply Chain Management Course
- **Task Force Chair, 2006-2007**, Presented “COB 300 Course” to CIS & MS Executive Advisory Committee during Fall 2006. Met with taskforce/subcommittee to determine how IS topics can be incorporated into COB 300 curriculum
- **Chair, Personnel Advisory Committee, CIS & Management Science Program, 2005-2006**
- **Chair, Recruiting Committee, IT/MS Program, 2004** – recruited and made recommendation for hire of tenure track faculty member to teach operations management and management science courses
- **Chair, OM Program Review Committee – Internal Report, 2002**
- **Faculty Senate Representative, 2001-2004** – attended monthly meetings of Faculty Senate as representative for CIS/OM program; reported back to program faculty; member of student concerns subcommittee
- **Chair, OM C&I Committee, 2000-2001** – proposed modifications to OM Major and submitted program change proposals to Program and College C&I committees; worked with ISAT faculty to cross-list courses
- **Curriculum and Instruction Committee, 1999-2003** – submitted course change proposals and program change proposals to Program and College C&I committees

Program Service (cont'd)

- **CIS/OM Executive Advisory Committee, 1998-1999** – served on fundraising subcommittee for CIS/OM Program
- **Brown Bag Series, CIS/OM Program, 1997** – presented “Center for 21st Manufacturing” to members of CIS/OM program
- **Committee, 1996-1997** – administered assessment exam to juniors and seniors on assessment day, submitted potential exam questions, developed solution keys for OM questions, and assisted in grading of exams
- **Operations Management External Program Review, 1996-1997** – drafted benchmarking section of written internal review document, attended and participated in formal visit with external team

College of Business Service

- **College of Business Recruiting Committee, 2008** – served on committee to recruit and select RTA instructional faculty for COB 300 (Operations Management)
- **College of Business Core Curriculum Task Force, 2007-2008** – chaired task force charged with reviewing COB core learning objectives; recommended curriculum structure with no increase in credit hours; addressed AACSB standards and reviewed assessment data; compiled final report; presented to faculty
- **Beta Gamma Sigma, 1998-current** – planned and executed 22 induction ceremonies
- **MBA Advisory Committee, 2002-current** – sit on advisory board for MBA Program; assist with long-term resource planning for MBA Program
- **Freshman Advisor, 1998-2006** – advisor to freshman students
- **AACSB Self-Study Committee (Faculty Development and Intellectual Contributions), 2000-current** – responsible for assessment of professional and academic qualifications for all faculty in Accounting Program and Operations Management/Management Science Program (Dr. Claire Bolfing, Chair)
- **JMU Center for Entrepreneurship, 2000** – preliminary judge for Lux Capital business plan competition
- **Presenter of Graduates, 1998, 1999, 2000** – announcer for individual recognition of graduates at COB Spring Commencement Ceremony
- **Majors Fair, 1998** – represented College of Business and answered questions about various BBA and BS Majors offered
- **New Faculty Orientation, 1998** – member of panel to address questions and concerns raised by newly hired faculty members in COB
- **Alpha Kappa Psi Business Fraternity, 1997-2001** – speaker at Student Organization Night, COB; participant in Honor Court (Initiation) Ceremony; speaker to senior class at Demit Ceremony
- **Transfer Student Orientation, 1997** – assisted Associate Dean with advising transfer students on scheduling courses

James Madison University Service

- **Process Mapping Workshop Leader (with Steve Harper, Department of Management), 2008** – Presented workshop on process mapping to members of Admissions, Career and Academic Planning, Orientation, Registrar’s Office, Information Systems and Student Affairs
- **Freshman Advising Awards Selection Committee, 2007** – Served as committee member charged with soliciting and evaluating nominations for recipients of “Excellence in Freshman Advising Awards”
- **Honor Council, 2004-Present**
- **Judicial Council, 2004-Present**
- **JMU Athletics Strategic Planning, 2007** – Met with Cardinal Advisors to assist in formulating strategic plan to carry out the mission of the department in conjunction with the University Mission
- **Mine Action Information Center, 2004-2005** – Presented four modules on Project Management to managers from landmine-threatened countries.
- **Presidential Commission for Diversity, 2003-2004** – member of classified staff subcommittee
- **Member, Search Committee for Associate Director of JMU Honors Program, 2004.**
- **Presenter, 2004 JMU Teaching and Learning with Technology Conference** – “Integrating Blackboard, Centra and Tegrity,” April 7
- **Chair, University Committee to Redefine the Academic Transcript, 2002-2003**
- **University Council Member, 2002-2004** – Member of committee that advised and assisted President in formulating and implementing policy in order to assist the University in achieving its mission.
- **Honors Freshman Advisor, 2002-2004** – Advised honors business students on academic policy and assisted in selection of courses.
- **Duke Club, 2002-2003** – fundraiser for local chapter
- **Presenter of Honors Brown Bag Lecture Series** – Presented “Experiential Learning Opportunities for Higher Education” to Honors Scholars, November 20
- **Parking Appeals Committee, 2000-2002** – served on committee to consider parking violation appeals (Donald Musselman, Chair)
- **Faculty Advisor, JMU Men’s Club Basketball Team, 2001** – served as faculty advisor to organization
- **Conversations With Faculty Program, 1999-2002** – annual presentation given to freshmen students regarding campus life, safety, and the JMU Honor Code
- **Freshman Orientation Advisory Committee, 2000-2001** – served in advisory role regarding summer and fall orientation scheduling and events (Steve Grande, Chair)
- **Committee for Development of Evaluation Instrument for Freshman Advisors, 2000-2001** – assisted in the development of an evaluation instrument to assess freshman advisor performance (Anna Lynn Bell, Chair)

James Madison University Service (cont'd)

- **James Madison University Women's Golf Team, 1999** – volunteered at Spring golf tournament/fundraiser
- **James Madison University Athletic Auction, 1999** – procurement committee member; solicited area businesses for donations of goods and services for “Bidding For Champions” auction (Lois J. Forbes, Chair)

Professional/Community Service

- **Generations Crossing, 2008-Present** - Member, Board of Directors. Serve as volunteer and chair of Marketing and Annual Support Committee
- **Decision Sciences Institute, 2007, National Meeting**, Organized and delivered panel discussion session on “Teaching an Integrated Core Curriculum” with Peter Arnold (Boston University) and Rex Cutshall (Indiana University).
- **APICS – The Educational Society for Resource Management, 1999-2001** – VP Newsletter, responsible for publishing quarterly newsletter
- **APICS – The Educational Society for Resource Management, 1999-2004** --VP Education, Blue Ridge Chapter
- **APICS – The Educational Society for Resource Management, 1996-1999** – President, Blue Ridge Chapter
- **National Decision Sciences Institute, 2001** – reviewer for national conference proceedings, POM – Manufacturing Track
- **SE Decision Sciences Institute, 2000** – reviewer for conference proceedings, Education/Other Track
- **SE Decision Sciences Institute, 2000** – reviewer for conference proceedings, Production and Operations Management Track
- **IACIS (International Association for Computer Information Systems), 1999, 2000, 2001** – reviewer for conference proceedings
- **IACIS (International Association for Computer Information Systems), 1999, 2000** – session chair
- **Stan Hardy Award, Midwest Decision Sciences Institute, 1997** – paper judge
- **SE InfORMS, 1997** – reviewer for conference proceedings
- **SE Decision Sciences Institute, 1997** – paper reviewer for conference proceedings
- **Soup Kitchen Volunteer, 1996-1997** – served hot meals to poor and elderly, Blessed Sacrament Church

PARTICIPATION IN WORKSHOPS AND SEMINARS ATTENDED

- 2007** **Curricular Issues Miniconference, Decision Sciences Annual Meeting (Phoenix Arizona), Session Chair**, Chaired session entitled “Teaching an Integrated Core Curriculum.” Presented panel discussion on various ways to deliver integrated core curriculum.

- 2001** **Master Teachers' Workshop Participant**, Presented by Dr. Harvey J. Brightman, Regents' Professor of Decision Sciences, Georgia State University, August 16-17
- 2000** **CourseInfo (Blackboard) Training**
- 2000** **SoftSelect ERP Software Selection Software Seminar**, full day seminar, Baltimore, MD (in association with Virginia's Manufacturing Innovation Center)
- 1998** **IntraKal Software Training Workshop**, Anlon Systems, Inc.
- 1998** **Beta Gamma Sigma, Chapter Officer Training Workshop**, St. Louis, MO (September 25,26,27)
- 1996** **New Faculty Development Consortium**, Decision Sciences Institute, Annual Meeting, Orlando, FL

REFERENCES

Teresa A. Gonzalez, Ph.D.

Associate Vice President for Academic Affairs

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