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The Ohio State University
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Education

Ph.D., 1999, The Ohio State University, Fisher College of Business, Columbus, Ohio.

M.B.A., 1991, Case Western Reserve University, Weatherhead School of Management, Cleveland, Ohio.

B.S., Electrical Engineering, 1987, University of Dayton, Dayton, Ohio.

Research Papers

Hozak, K., and Hill, J.A., "Issues and Opportunities Regarding Replanning and Rescheduling Frequencies", (2009) *International Journal of Production Research*, Vol. 14, No. 18, 4955-4970.

Hill, J.A., Eckerd, S., Wilson, D., and Greer, B., "The Effect of Unethical Behavior on Trust in a Buyer-Supplier Relationship: The Mediating Role of Psychological Contract Violation", (2009) *Journal of Operations Management*, Vol. 27, 281-293.

LeBlanc, L., Hill, J.A., Harder, J., and Greenwell, G., "Modeling Uncertain Forecast Accuracy in Supply Chains with Postponement", (2009) *Journal of Business Logistics*, Vol. 30, No. 1, 19-31.

Galbreth, M. R., Hill, J.A., and Handley, S., "An Investigation of the Value of Crossdocking for Supply Chain Management", (2008) *Journal of Business Logistics*, Vol. 29, No. 1, 225-239.

Hill, J.A., and Galbreth, M.R., "A Heuristic for Single-Warehouse Multiretailer Supply Chains with All-Unit Transportation Cost Discounts", (2008) *European Journal of Operational Research*, Vol. 187, No. 2, 473-482.

Wang, P., and Hill, J.A., "Recursive Behavior of Safety Stock Reduction: The Effect of Lead-Time Uncertainty", (2006) *Decision Sciences*, Vol. 37, No. 2, 285-290.

LeBlanc, L.J., Hill, J.A., Greenwell, G.W., and Czesnat, A.O., "Nu-kote's spreadsheet linear programming models for optimizing transportation", (2004), *Interfaces* Vol. 34, No. 2, 139-146.

Hill, J.A., Berry, W.L., and Schilling, D.A., "Revising the master production schedule in sequence dependent processes", (2003) *International Journal of Production Research*, Vol. 41, No. 9, 2021-2035.

Hill, J.A., Berry, W.L., Leong, G.K., and Schilling, D.A., "Master production scheduling in

capacitated sequence dependent process industries” (2000) *International Journal of Production Research*, Vol. 38, No. 18, 4743-4761.

Manuscripts under review

Hill, J.A., and Wang, P., “The Effect of Lead-Time Uncertainty on the Normality Assumption Error”, Manuscript under review.

Eckerd, S., and Hill, J.A., “The Buyer-Supplier Social Contract: Information Sharing as a Deterrent to Unethical Behavior”, Manuscript under review.

Hozak, K., and Hill, J.A., “The Material Handling Trade-Off When Lot Splitting with RFID in a Job Shop”, Manuscript under review.

He, Z., Hill, J., and Wang, P., “Validation of the theoretical model underlying the Baldrige criteria: Evidence from China”, Manuscript under review.

Manuscripts in Progress

Hill, J.A., “The Effect of Promotions on Manufacturing Performance: Evidence from the Beverage Industry”, manuscript in progress.

Hill, J.A., “Uncovering the determinants of process mobility: evidence from the beverage industry”, manuscript in progress.

Hill, J.A., and Greer, B., “Information Sources, Ethics, and Supplier Commitment: Influencing Supplier Relationship Satisfaction”, manuscript in progress.

Conferences

Presentation “The Buyer-Supplier Social Contract: Information Sharing as a Deterrent to Unethical Behavior”, Eckerd, S., and Hill, J.A., POMS National Conference, 2009.

Presentation “The Buyer-Supplier Social Contract: Information Sharing as a Deterrent to Unethical Behavior”, Eckerd, S., and Hill, J.A., Decision Sciences National Conference, 2008.

Presentation “The Effect of Ethics on Trust in a Buyer-Supplier Relationship: The Mediating Role of the Psychological Contract”, Hill, J.A., and Eckerd, S., POMS National Conference, 2008.

Presentation “Interactive Complexity, Tight Coupling, and Disruption-Free Performance”, Marley, K., Ward, P., and Hill, J.A., POMS National Conference, 2007.

Presentation “Information Sources, Ethics, and Supplier Commitment: Influencing Supplier

- Relationship Satisfaction”, Greer, B., and Hill, J.A., Decision Sciences National Conference, San Antonio, Texas, 2006.
- Presentation “Optimal Production in Supply Chains with Uncertain Information”, LeBlanc, J., Hill, J.A., Harder, J.H., and Greenwell, G.W., INFORMS National Conference, Pittsburgh, PA, 2006.
- Presentation “Recursive Behavior of Safety Stock Reduction: The Effect of Lead-Time Uncertainty”, Wang, P., and Hill, J.A., POMS National Conference, Boston MA, 2006.
- Presentation “The Effect of Lead Time Uncertainty on the Normality Assumption Error”, Hill, J.A., and Wang, P., POMS National Conference, Chicago, Illinois, 2005.
- Presentation “Uncovering the determinants of process mobility: evidence from the beverage industry”, Hill, J.A., POMS international conference, Cancun, Mexico, 2004.
- Presentation “The Modified All-Unit Discount Cost Functions in Supply Chain Models: Heuristics for Large-Scale Applications”, Galbreth, M.R., and Hill, J.A., POMS International Conference, Cancun, Mexico, 2004.
- Session Chair “JIT Production” Decision Sciences National Conference, Washington D.C. 2003.
- Presentation “Determinants of process mobility in beverage industries”, Hill, J.A., Decision Sciences National Conference, San Diego, CA, 2002.
- Session Chair “Teaching Innovation” Decision Sciences National Conference, San Francisco, CA, 2001.
- Presentation “Information Sharing in Business-to-Business Supply Chains”, LeBlanc, L. J., Hill, J.A, and Dilts, D., INFORMS National Conference, San Antonio, TX, 2000.
- Presentation “Heuristics for Master Production Scheduling Make-to-Stock Sequence Dependent Products in Process Industries”, Hill, J.A., Berry, W.L., Schilling, D.A., Decision Sciences National Conference, Las Vegas, NV, 1998.
- Presentation “Integrating MRPII and Process Flow Scheduling in Process Industries”, Berry, W.L., Schilling, D.A., Hill, J.A., Decision Sciences National Conference, San Diego, CA, 1997.
- Discussant “Impact of Marketing and Manufacturing Strategies, Conflicts, and Morale on Performance: An Empirical Investigation”, Decision Sciences National Conference, Orlando, FL, 1996.
- Discussant “Manufacturing Strategy: An Empirical Investigation”, Decision Sciences National Conference, Boston, MA, 1995.

Teaching Experience

Courses:

- The Ohio State University, *MBA Core Operations and Supply Management*. Topics include Operations Strategy, Lean Management, Quality, Project Management, and Supply Chain (4.6 out of 5.0).
- The Ohio State University, *Undergraduate Core Operations Management*. Topics include Operations Strategy, Process Analysis, Quality, Project Management, and Supply Chain (4.7 out of 5.0).
- The Ohio State University, *Matching Supply with Demand*. Topics include the newsvendor problem, the style goods problem, yield management, risk management, Supply Chain Coordination, and New Product Introduction (4.6 out of 5.0).
- The Ohio State University, *Operations Planning and Control for Supply Chains*. Topics include Forecasting, Sales and Operations Planning, Master Production Scheduling, Just-In-Time, and Capacity Planning (4.5 out of 5.0).
- Vanderbilt University, *Core Operations Management*. Topics include operations strategy, process analysis, queuing, supply chain management and MRP (4.7 out of 5.0).
- Vanderbilt University, *Operations Planning and Control*. Topics include demand management, master production scheduling, materials requirement planning, capacity management, and JIT systems (4.4 out of 5.0).
- Vanderbilt University, *Supply Chain Management*. Topics include inventory models, supply chain partnerships, managing products with short life cycles, and product and process design for supply chain efficiency (4.4 out of 5.0).

Professional Organizations

- Decision Sciences Institute
- INFORMS
- POMS

Professional Experience

Vanderbilt University (1999-2004)

- Assistant Professor of Operations Management

Pepsi Co. (1990-1994)

- Supplier Development Manager: Responsible for purchasing materials and services for entire central division of Pepsi Cola.

- Production Manager: Managed over 100 people in plant that produced over 35 million cases. Responsible for production control, scheduling and quality of five bottling lines.
- Distribution Manager: Coached and led over 50 individuals in various facets of warehousing, inventory control, and distribution.

Wright Patterson AFB, Dayton, Ohio (1987-1989)

- Flight Control Engineer