

**University of Dayton School of Business Administration**

**Publications by Current Faculty  
of the Department of MIS, Operations Management and Decision  
Sciences**

**Books, Chapters and Refereed Journal Articles,  
Organized by Author**

January 1, 2004 – April 2012

**Enns, Harvey G.**

***Book Chapters***

Ferratt, T. W., Enns, H., Prasad, J. (2006). Employment Arrangements, Need Profiles, and Gender. In Trauth, E. M. (Ed.), *Encyclopedia of Gender and Information Technology*. Idea Group Publishing.

***Refereed Journal Articles***

Ferratt, T. W., Prasad, J., Enns, H. Synergy and Its Limits in Managing Information Technology Professionals. *To appear in Information Systems Research*.

Enns, H., McDonagh, J. J. (2012). Irish CIOs' Influence on Technology Innovation & IT-Business Alignment. *Communications of the AIS*.

Enns, H., McFarlin, D., Sweeney, P. D. (2011). How CIOs Overcome the Competing Values Challenge. *Communications of the AIS*, 28(1), 549-560.

Enns, H., McFarlin, D., Huff, S. L. (2007). How CIO's Can Effectively use Influence Behaviors. *MIS Quarterly Executive*, 6(1), 29-38.

Prasad, J., Enns, H., Ferratt, T. W. (2007). One Size Does Not Fit All: Managing IT Employees' Employment Arrangements. *Human Resource Management*, 46(3), 349-372 (Oct. 2007).

Enns, H., Ferratt, T. W., Prasad, J. (2006). Beyond Stereotypes of IT Professionals: Implications for IT HR Practices. *Communications of the ACM*, 49(4), 105-109.

Enns, H., McFarlin, D. (2005). When Executives Successfully Influence Peers: The Role of Target Assessment, Preparation, and Tactics. *Human Resource Management*, 44(3), 257-278.

**Ferratt, Thomas W.**

***Books***

Niederman, F., Ferratt, T. W. (2006). *IT Workers: Human Capital Issues in a Knowledge-Based Environment*. Greenwich, CT: Information Age Publishing, Inc.

## **Book Chapters**

- Agarwal, R., Ferratt, T. W. (2006). Validation of Human Resource Strategies in Information Technology. In Niederman, F., Ferratt, T. W. (Ed.), *IT Workers: Human Capital Issues in a Knowledge-Based Environment* (pp. 3-44). Greenwich, CT: Information Age Publishing, Inc.
- Ferratt, T. W., Enns, H., Prasad, J. (2006). Employment Arrangements, Need Profiles, and Gender. In Trauth, E. M. (Ed.), *Encyclopedia of Gender and Information Technology*. Idea Group Publishing.

## **Refereed Journal Articles**

- Ferratt, T. W., Prasad, J., Enns, H. (2011). Synergy and Its Limits in Managing Information Technology Professionals. *To appear in Information Systems Research*.
- Ferratt, T. W., Prasad, J., Wynn, D. E., Hall, S. (2010). Choosing Management Information Systems as a Major: Understanding the smiFactors for MIS. *Communications of the Association for Information Systems*, 27(16), 20.
- Ferratt, T. W., Hall, S. (2009). Extending the Vision of Distance Education to Learning via Virtually Being There and Beyond. *Communications of the Association for Information Systems*, 25(Article 35), 425-436.
- Agarwal, R., Ferratt, T. W., De, P. (2007). An Experimental Investigation of Turnover Intentions Among New Entrants in IT. *The DATA BASE for Advances in Information Systems*, 38(1), 8-28.
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). IS Journal Quality Assessment Using the Author Affiliation Index. *Communications of the Association for Information Systems*, 19, 710-724.
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). Response by the Authors: Assessing Journal Quality Assessment: AAI and Journal Quality Lists. *Communications of the Association for Information Systems*, 19, 710-724.
- Prasad, J., Enns, H., Ferratt, T. W. (2007). One Size Does Not Fit All: Managing IT Employees' Employment Arrangements. *Human Resource Management*, 46(3), 349-372 (Oct. 2007).
- Agarwal, R., Brown, C., Ferratt, T. W., Moore, J. E. (2006). Five Mindsets for Retaining IT Staff. *MIS Quarterly Executive*, 5(3), 137-150.
- Enns, H., Ferratt, T. W., Prasad, J. (2006). Beyond Stereotypes of IT Professionals: Implications for IT HR Practices. *Communications of the ACM*, 49(4), 105-109.
- Ferratt, T. W., Ahire, S., De, P. (2006). Achieving Success in Large Projects: Managerial Implications from a Study of ERP Implementations. *Interfaces*, 36(5), 458-469.
- Ferratt, T. W., Agarwal, R., Brown, C., Moore, J. E. (2005). IT Human Resource Management Configurations and IT Turnover: Theoretical Synthesis and Empirical Analysis. *Information Systems Research*, 16(3), 237-255.
- Vlahos, G. E., Ferratt, T. W., Knoepfle, G. (2004). The Use of Computer-Based Information Systems by German Managers to Support Decision Making. *Information & Management*, 41(6), 763-779.

## **Gorman, Michael F.**

### **Book Chapters**

Gorman, M., Harrod, S. (2010). Operations research approaches to asset management in freight rail. In Cochran, J. (Ed.), *Encyclopedia of Operations Research and Management Science*. Wiley.

Harrod, S., Gorman, M. (2010). Operations research for freight train routing and scheduling. In Cochran, J. (Ed.), *Encyclopedia of Operations Research and Management Science*. Wiley.

### **Refereed Journal Articles**

Gorman, M. (2011). The University of Dayton Operations Management Capstone Course: Student Perspectives. *Interfaces*, 41(1).

Gorman, M., Kanet, J. J. (2011). An evaluation of the causes and cures of bullwhip effect. *Production and Inventory Management Journal*, 47(1), 33-42.

Gorman, M. (2010). North American freight rail industry real-time optimized equipment distribution systems: State of the practice. *Transportation Research, Part C*, 19, 103-114.

Gorman, M. (2010). The University of Dayton operations management capstone course: Undergraduate student field consulting applies theory to practice. *Interfaces*, 40(6), 432-443.

Gorman, M. (2010). "Business skilling" of the IT professional: Making today's IT leaders into tomorrow's business leaders. *Journal of Education for Business*, 86(1), 17-24.

Gorman, M. (2010). Hub Group Implements a Suite of OR Tools to Improve Operations. *Interfaces*, 40(5), 368-384.

Gorman, M. (2010). CSX Railway Uses OR to Cash in on Optimized Equipment Distribution. *Interfaces*, 40(1), 1-12.

Gorman, M., Kanet, J. J. (2010). Formulation and Solution Approaches to the Rail Maintenance Gang Scheduling Problem. *Journal of Transport Engineering*, 136(8), 701-708.

Kanet, J. J., Gorman, M., Stoesslein, M. (2010). Dynamic Planned Safety Stocks for Production Planning. *International Journal of Production Research*, 48(22), 6859-6880.

Gorman, M. (2009). Tales from the Front: Case Studies Indicate the Potential Pitfalls of Misapplication of Lean Improvement Programs. *Interfaces*, 39(6), 540-548.

Gorman, M. (2009). Statistical Estimation of Rail Congestion Delay. *Transportation Research, Part E*, 45(3), 446-456 (May 2009).

Gorman, M., Ruggiero, J. (2009). Evaluating U.S. Judicial District Prosecutor Performance. *European Journal of Law and Economics*, 27(3), 275-273 (June 2009).

Gorman, M., Salisbury, W. D., Brannon, J. Isaac (2009). Who Wins When Price Information is More Ubiquitous? An Experiment to Assess How Infomediaries Influence Price. *Electronic Markets - The International Journal on Networked Business*, 19, 151-162.

Gorman, M. (2008). Effective introduction of technology into the business statistics classroom. *INFORMS Transactions on Education*, 9(1), 10-19.

Gorman, M. (2008). Evaluating the public investment mix in US freight transportation infrastructure. *Transportation Research, Part A*, 42(1), 1-14 (Jan. 2008).

- Gorman, M., Ruggiero, J. (2008). Evaluating U.S. State Police Performance Using Data Envelopment Analysis. *International Journal of Production Economics*, 113(2), 1031-1037 (June 2008).
- Ahire, S., Gorman, M. (2007). Standard Register uses a Trio of Technologies to Improve Production and Routing Decisions. *Interfaces*, 37(6), 553-565 (Nov. 2007).
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). IS Journal Quality Assessment Using the Author Affiliation Index. *Communications of the Association for Information Systems*, 19, 710-724.
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). Response by the Authors: Assessing Journal Quality Assessment: AAI and Journal Quality Lists. *Communications of the Association for Information Systems*, 19, 710-724.
- Gorman, M., Kanet, J. J. (2007). Evaluating OM-Related Journals via the Author Affiliation Index: Do Professors at Top US Business Schools Do What They Say?. *Manufacturing and Service Operations Management*, 9(1), 51-53 (Winter 2007).
- Gorman, M., Ahire, S. (2006). Rethinking Inventory Policies for Service Vehicles at a Major Appliance Manufacturer. *Interfaces*, 36(5), 407-419.
- Gorman, M., Conway, D. G. (2006). An Application of Interdependent Lot Sizing and Consolidation Point Choice. *Mathematical and Computer Modeling*, 44, 65-72.
- Gorman, M. (2005). Estimation of an Implied Price Elasticity of Demand Through Current Pricing Practices. *Applied Economics*, 37(9), 1027-1035.
- Gorman, M., Conway, D. G. (2005). Logistics Costs Based Estimation of Freight Transportation Demand for Capacity Planning. *Journal of the Transportation Research Forum*, 44(1), 141-155.
- Gorman, M., Kanet, J. J. (2005). Evaluating Operations Management-Related Journals via the Author Affiliation Index. *Manufacturing and Service Operations Management*, 7(1), 3-19.

## **Hall, Stephen R.**

### ***Refereed Journal Articles***

- Ferratt, T. W., Prasad, J., Wynn, D. E., Hall, S. (2010). Choosing Management Information Systems as a Major: Understanding the smiFactors for MIS. *Communications of the Association for Information Systems*, 27(16), 20.
- Ferratt, T. W., Hall, S. (2009). Extending the Vision of Distance Education to Learning via Virtually Being There and Beyond. *Communications of the Association for Information Systems*, 25(Article 35), 425-436.

## **Harrod, Steven**

### ***Book Chapters***

- Gorman, M., Harrod, S. (2010). Operations research approaches to asset management in freight rail. In Cochran, J. (Ed.), *Encyclopedia of Operations Research and Management Science*. Wiley.
- Harrod, S., Gorman, M. (2010). Operations research for freight train routing and scheduling. In Cochran, J. (Ed.), *Encyclopedia of Operations Research and Management Science*. Wiley.

### **Refereed Journal Articles**

- Harrod, S. (2011). Modeling Network Transition Constraints With Hypergraphs. *Transportation Science*, 45(1), 81-97.
- Harrod, S. (2009). Capacity Factors of a Mixed Speed Railway Network. *Transportation Research Part E*, 45(5), 830-841.
- Harrod, S. (2009). A Spreadsheet Based, Matrix Formulation Linear Programming Lesson. *Decision Sciences Journal of Innovative Education*, 7(1), 249-257.
- Harrod, S., Kelton, W. D. (2006). Numerical Methods for Realizing Nonstationary Poisson Processes with Piecewise-Constant Instantaneous-Rate Functions. *Simulation: Transactions of the Society for Modeling and Simulation International*, 82(3), 147-157.

### **Jacobs, Mark A.**

#### **Books**

- Jacobs, M. (2009). *Volume and cost implications of product portfolio complexity* (pp. 152). Sarbrucken, Germany: VDM Verlag.

#### **Refereed Journal Articles**

- Jacobs, M. (2012). Does Supply Chain Integration Mediate the Relationship Between Product/Process Strategy and Service Performance? An Empirical Study. *International Journal of Production Economics*, 137(2), 250 - 262.
- Jacobs, M., Droge, C., Vickery, S., Calentone, R. (2011). The effect of product and process modularity on agility and firm growth performance. *Journal of Product Innovation Management*, 28(1), 124 - 138.
- Jacobs, M., Swink, M. (2011). Product portfolio architectural complexity and operational performance: Incorporating the roles of learning and fixed assets. *Journal of Operations Management*, 29(8), 677 - 691.
- Closs, D., Jacobs, M., Swink, M., Webb, G. S. (2008). Toward a theory of competencies for the management of product complexity: Six case studies. *Journal of Operations Management*, 26(5), 590-610.
- Jacobs, M., Vickrey, S., Droge, C. (2007). The effects of product modularity on competitive performance: Do integration strategies mediate the relationship?. *International Journal of Operations and Production Management*, 27(10), 1046-1068.

### **Kanet, John J.**

#### **Refereed Journal Articles**

- Kanet, J. J., Birkemeier, C. Weighted Tardiness for the Single Machine Scheduling Problem: An Examination of Precedence Theorem Productivity. *To appear in Computers & Operations Research*.
- Gorman, M., Kanet, J. J. (2011). An evaluation of the causes and cures of bullwhip effect. *Production and Inventory Management Journal*, 47(1), 33-42.
- Gorman, M., Kanet, J. J. (2011). Evaluating transportation journal quality via survey. *Transportation Journal*, 50(4), 390-415.

- Gorman, M., Kanet, J. J., Dominique, C. (2011). Evaluating transportation journal quality with AAI. *Transportation Journal*, 50(4), 370-389.
- Li, X., Sridharan, V., Kanet, J. J., Zhang, Y. (2011). Job Due-Date Assignment with Earliness and Tardiness Penalties and Stochastic Arrival and Service Times. *International Journal of Advanced Operations Management*, 3(2), 141-152.
- Gorman, M., Kanet, J. J. (2010). Formulation and Solution Approaches to the Rail Maintenance Gang Scheduling Problem. *Journal of Transport Engineering*, 136(8), 701-708.
- Kanet, J. J., Gorman, M., Stoesslein, M. (2010). Dynamic Planned Safety Stocks for Production Planning. *International Journal of Production Research*, 48(22), 6859-6880.
- Kanet, J. J., Stoesslein, M. (2010). "Integrating Production Planning and Control: Toward a Simple Model for Capacitated ERP". *Production Planning and Control*, 21(3), 286-300.
- Kanet, J. J., Li, X. (2009). "Consolidating Theoretical Results for Weighted Tardiness Scheduling". *International Journal of Advanced Operations Management*, 1(4), 352-362.
- Kanet, J. J., Stoesslein, M. (2008). Using a Supply Chain Game to Effect Problem-Based Learning in an Undergraduate Operations Management Program. *Decision Sciences Journal of Innovative Education*, 6(2), 287-295.
- Stoesslein, M., Kanet, J. J. (2008). Developing Undergraduate Student Research Experiences in Operations Management. *Decision Sciences Journal of Innovative Education*, 6(2), 495-502.
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). IS Journal Quality Assessment Using the Author Affiliation Index. *Communications of the Association for Information Systems*, 19, 710-724.
- Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). Response by the Authors: Assessing Journal Quality Assessment: AAI and Journal Quality Lists. *Communications of the Association for Information Systems*, 19, 710-724.
- Gorman, M., Kanet, J. J. (2007). Evaluating OM-Related Journals via the Author Affiliation Index: Do Professors at Top US Business Schools Do What They Say?. *Manufacturing and Service Operations Management*, 9(1), 51-53 (Winter 2007).
- Kanet, J. J. (2007). New Precedence Theorems for One-Machine Weighted Tardiness. *Mathematics of Operations Research*, 32(3), 579-588 (Aug. 2007).
- Gorman, M., Kanet, J. J. (2005). Evaluating Operations Management-Related Journals via the Author Affiliation Index. *Manufacturing and Service Operations Management*, 7(1), 3-19.
- Kanet, J. J. (2004). Mean Flowtime and Inventory in Production Systems: A Finite Time Analogue to Little's Law. *International Journal of Production Economics*, 91(1), 37-46.
- Kanet, J. J., Li, X. (2004). A Weighted Modified Due Date Rule for Sequencing to Minimize Weighted Tardiness. *Journal of Scheduling*, 7(4), 261-276.

### **Letavec, Craig J. (Adjunct Faculty)**

#### **Books**

- Kodukula, P., Letavec, C. (2008). *Project Portfolio Management: A Practitioner's Guide to Excellence*. J. Ross Publishing.

Letavec, C., Rollins, S. Altwies, D. (2007). *Program Management Professional (PgMP): A Certification Study Guide with Best Practices for Maximizing Business Results*. J. Ross Publishing.

Letavec, C. (2006). *The Program Management Office: Establishing, Managing, and Growing the Value of a PMO*. J. Ross Publishing.

## **Prasad, Jayesh**

### **Book Chapters**

Ferratt, T. W., Enns, H., Prasad, J. (2006). Employment Arrangements, Need Profiles, and Gender. In Trauth, E. M. (Ed.), *Encyclopedia of Gender and Information Technology*. Idea Group Publishing.

### **Refereed Journal Articles**

Ferratt, T. W., Prasad, J., Enns, H. Synergy and Its Limits in Managing Information Technology Professionals. *To appear in Information Systems Research*.

Ferratt, T. W., Prasad, J., Wynn, D. E., Hall, S. (2010). Choosing Management Information Systems as a Major: Understanding the smiFactors for MIS. *Communications of the Association for Information Systems*, 27(16), 20.

Prasad, J., Enns, H., Ferratt, T. W. (2007). One Size Does Not Fit All: Managing IT Employees' Employment Arrangements. *Human Resource Management*, 46(3), 349-372 (Oct. 2007).

Enns, H., Ferratt, T. W., Prasad, J. (2006). Beyond Stereotypes of IT Professionals: Implications for IT HR Practices. *Communications of the ACM*, 49(4), 105-109.

## **Salisbury, Wm. D.**

### **Book Chapters**

Miller, D. W., Urbaczewski, A., Salisbury, W. D. (2004). Does "Public Access" Necessarily Imply "Ubiquitous" or "Immediate"? - Issues and Implications Surrounding Public Documents Online. In Freeman, L., Peace, G. (Ed.), *Information Ethics: Privacy and Intellectual Property*. (pp. 100-119). Hershey, PA: Idea Group Publishing.

### **Refereed Journal Articles**

Salisbury, W. D., Miller, D. W., Turner, J. M. (2011). On Contending with Unruly Neighbors in the Global Village: Viewing Information Systems as Both Weapon and Target. *Communications of the AIS*, 28(1), 295-312.

Gorman, M., Salisbury, W. D., Brannon, J. Isaac (2009). Who Wins When Price Information is More Ubiquitous? An Experiment to Assess How Infomediaries Influence Price. *Electronic Markets - The International Journal on Networked Business*, 19, 151-162.

Salisbury, W. D., Parent, M., Chin, W. W. (2008). Robbing Peter to pay Paul: The differential effect of GSS restrictiveness on process satisfaction and group cohesion. *Group Decision and Negotiation*, 17(4), 303-320.

Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). IS Journal Quality Assessment Using the Author Affiliation Index. *Communications of the Association for Information Systems*, 19, 710-724.

Ferratt, T. W., Gorman, M., Kanet, J. J., Salisbury, W. D. (2007). Response by the Authors: Assessing Journal Quality Assessment: AAI and Journal Quality Lists. *Communications of the Association for Information Systems*, 19, 710-724.

Salisbury, W. D., Carte, T. A., Chidambaram, L. (2006). Perceived Cohesion in Small Virtual Teams: Testing the Perceived Cohesion Scale in a Dispersed Virtual Team Setting. *The Data Base Advances in Information Systems*, 37(2-3), 147-155.

Salisbury, W. D., Huber, M., Piercy, C. (2004). Let Us Not Throw Out the Baby with the Bath Water: Information, Systems and Technology All Matter in the Core IS Course. *Communications of the AIS*, 14(6), 128-146.

## **Wells, Charles E.**

### **Refereed Journal Articles**

Wells, R., Wells, C. (2012). Systems-designed Graduate Program Review. *Research in Higher Education Journal*, 16, 1-23.

Wells, R., Wells, C. (2011). Academic Program Portfolio Model for Universities: Guiding Strategic Decisions and Resource Allocations. *Research in Higher Education Journal*, 11(June 2011), 46-64.

## **Wynn, Donald E.**

### **Book Chapters**

Wynn, D. E. (2008). Assessing the Health of an Open Source Ecosystem. In Sowe, S. K., Stamelos, I., Samoladas, I. (Ed.), *Emerging Free and Open Source Software Practices* (pp. 238-258). Idea Group Publishing.

### **Refereed Journal Articles**

Wynn, D. E. EA Maturity, IT Effectiveness, and the Mediating Role of Business-IT Alignment in US Hospitals. *To appear in Information Systems Journal*.

Wynn, D. E., Williams, C. K. Principles For Conducting Critical Realist Case Study Research In Information Systems. *To appear in MIS Quarterly*.

Ferratt, T. W., Prasad, J., Wynn, D. E., Hall, S. (2010). Choosing Management Information Systems as a Major: Understanding the smiFactors for MIS. *Communications of the Association for Information Systems*, 27(16), 20.

Bowcutt, M., Rosenkoetter, M. M., Chernecky, C. C., Wall, J., Wynn, D. E., Serrano, C. (2008). Implementation of an Intravenous Medication Infusion Pump System: Implications for Nursing. *Journal of Nursing Management*, 16(2), 188-197 (Apr. 2008).

Watson, R. T., Boudreau, M.-C., Greiner, M., Wynn, D. E., York, P. (2008). The Business of Open Source. *Communications of the ACM*, 51(4), 41-46 (Apr. 2008).

Watson, R. T., Boudreau, M.-C., York, P. T., Greiner, M. K., Wynn, D. E. (2008). Opening the Classroom. *Journal of Information Systems Education*, 19(1), 75-84 (Jan. 2008).

Pitt, L., Berthon, P., Watson, R., Wynn, D. E., Strasheim, A. (2007). Open to All: A Postmodern Perspective on Product Development and Brands in an Open-Source Environment. *International Journal of Technology Management*, 2(4), 316-330 (Oct. 2007).



Niederman, F., Davis, A., Greiner, M., Wynn, D. E., York, P. (2006). A Research Agenda for Studying Open Source I: A Multi-Level Framework. *Communications of the AIS*, 18(7), 129-149.

Niederman, F., Davis, A., Greiner, M., Wynn, D. E., York, P. (2006). A Research Agenda for Studying Open Source II: View Through the Lens of Referent Discipline Theories. *Communications of the AIS*, 18(8), 150-175.

Pitt, L., Berthon, P., Watson, R., Wynn, D. E., Zinkhan, G. (2006). The Penguin's Window: Corporate Brands from an OS Perspective. *Journal of the Academy of Marketing Science*, 34(2), 115-127.

Watson, R. T., Boudreau, M.-C., Greiner, M., Wynn, D. E., York, P., Gul, R. (2005). Governance and Global Communities. *Journal of International Management*, 11(2), 125-142.

Watson, R. T., Wynn, D. E., Boudreau, M.-C. (2005). JBoss: The Evolution of Professional Open Source Software. *MIS Quarterly Executive*, 4(3), 329-341.