# ACADEMIC APPOINTMENTS

**THOMAS A. OTTAWAY, Ph.D.**

College of Business Idaho State University

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2001-Present Idaho State University, Pocatello, Idaho College of Business

Professor of Accounting and Information Systems (2018-Present Dean (2012-2018)

Associate Dean (2011-2012).

Chair, Department of Computer Information Systems (2008-2012) Professor of Computer Information Systems (2007-Present) Associate Professor of Computer Information Systems (2003-2007) Assistant Professor of Computer Information Systems (2001-2003)

1999-2001 Kansas State University, Manhattan, Kansas College of Business Administration Assistant Professor of Management

1995-1999 University of Montana, Missoula, Montana School of Business Administration Assistant Professor of Management

1991-1995 Texas Tech University, Lubbock, Texas College of Business Administration Teaching Assistant

# OTHER WORK EXPERIENCE

1985-1991 Systems Analyst

The Boeing Company Wichita, Kansas

# EDUCATION

Ph.D. 1995 Texas Tech University, Lubbock, Texas Rawls College of Business Administration

Concentration: Production and Operations Management First Supporting Field: Management Information Systems

Second Supporting Field: Computer-Integrated Manufacturing

M.S. 1993 Texas Tech University, Lubbock, Texas Rawls College of Business Administration

Concentration: Management Information Systems

B.S. 1990 Wichita State University, Wichita, Kansas Fairmont College of Liberal Arts and Sciences Major: Computer Science

Minor: Mathematics

# REFEREED JOURNAL PUBLICATIONS

Parker, K. R., Srinivasan, S. S., Houghton, R. F., Kordzadeh, N., Bozan, K., Ottaway, T., Davey, B. (2017). *“Health Informatics Program Design and Outcomes: Learning from an Early Offering at a Mid-Level University.”* Education and Information Technologies, (22), pp. 1497–1513.

Parker, K.R., Chao, J.T., Ottaway, T.A., and Chang, J. (2006). "A Formal Programming Language Selection Process for Introductory Courses." *Journal of Information Technology Education*, (5), pp. 133-151.

Parker, K.R., Ottaway, T.A., & Chao, J.T. (2006). "Criteria for the Selection of a Programming Language for Introductory Courses." *International Journal of Knowledge and Learning*, 2 (1/2), pp. 119-139.

Nitse, P.S., Parker, K.R., Ottaway, T.A., & Krumwiede, D.W. (2004). "The Impact of Color in the E- commerce Marketing of Fashions: An Exploratory Study," *European Journal of Marketing*, 38 (7/8), pp. 898-915.

Niendorf, Bruce B. and Thomas A. Ottaway (2003), "Multi-Agent Simulation and Genetic Algorithms: An Investigation of Market Risk Premiums," *Journal of Financial and Economic Practice*, 1(2), pp. 67-74.

Ottaway, Thomas A., Carol L. Bruneau, and Gerald E. Evans (2003), "The Impact of Auction Item Image and Buyer/Seller Feedback Rating on Electronic Auctions," *Journal of Computer Information Systems*, 43(3), pp 56-60.

Niendorf, Bruce B. and Thomas A. Ottaway (2002), "Market Risk Premiums: Investor Incentive to Vary Individual Risk Preferences," *Journal of Economics and Finance*, 26(1), pp. 77-87.

Ottaway, Thomas A., and James R. Burns (2000), "An Adaptive Production Control System Utilizing Agent Technology," *International Journal of Production Research*, 38(4), pp. 721-737.

Ottaway, Thomas A., and James R. Burns (1997), "Adaptive, Agile Approaches to Organizational Architecture Utilizing Agent Technology," *Decision Sciences*, 28(3), pp. 483-511.

# REFEREED CONFERENCE PAPERS

Beard, D.V., Parker, K. R., Ottaway, T.A., Davey, W.F., and Schou, C.D. (2013). Requiring a systems analysis and design course for a computer science major. Proceedings of the 9th International Conference on Frontiers in Education: Computer Science & Computer Engineering, FECS 2013, July 22-25, Las Vegas, Nevada, USA. CSREA Press.

Ottaway, Thomas A., Kevin R. Parker, and Joseph T. Chao (2006). "The Selection of a Language for Introductory Programming Courses: An Exploratory Survey." *Proceedings of the Western Decision Sciences Institute*, Waikoloa, Hawaii, April 11-15 (pp. 270-272).

Ottaway, Thomas A., and Dennis W. Krumwiede (2005), “Separate and Distinct: Definitions of Supply Chain Scheduling and Supply Chain Coordination," *2005 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute.

Krumwiede, Dennis W., Kevin R. Parker, Philip S. Nitse, and Thomas A. Ottaway (2004), "Customer Sensitivity to Electronically Reproduced Color Products: Its effect on the Operation of Return Goods." Distribution Business Management Association Annual Conference Proceedings, Distribution Business Management Association.

Krumwiede, Dennis W., Philip S. Nitse, Kevin R. Parker, and Thomas A. Ottaway (2003), “Returning Internet Purchased Color Sensitive Products: The Effect On The Supply Chain,” 7th *International Conference of the Decision Sciences Institute*, Decision Sciences Institute.

Ottaway, Thomas A. and Bruce B. Niendorf (2002), “Multi-Agent Simulation and Genetic Algorithms: An Investigation of Market Risk Premiums,” *Decision Sciences Institute 2002 Annual Meeting Proceedings*, Decision Sciences Institute.

Ottaway, Thomas A. and Kevin R. Parker (2002), "A Conceptual Model of Structural Adaptation in Agent-based Workflow Management Systems." *Proceedings of the 2002 Americas Conference on Information Systems (AMCIS 2002)*, Association for Information Systems.

Nitse, Philip S., Kevin R. Parker, Thomas Ottaway, and Dennis Krumwiede (2002), “The Impact Of Consumer Perceptions On E-Commerce Transactions,” *Proceedings of The International Applied Business Research Conference*.

Niendorf, Bruce B., and Thomas A. Ottaway (2002), “Time Variation in Investor Risk Preferences, Market Volatility, and Market Risk Premiums,” *Proceedings of the 53rd International Atlantic Economic Conference*, International Atlantic Economic Society.

Ottaway, Thomas A., Carol L. Bruneau, and Gerald E. Evans (2001), “The Impact of Auction Item Image and Buyer/Seller Feedback Rating on Electronic Auctions,” *Proceedings of the Seventh Americas Conference on Information Systems*, Association for Information Systems.

Niendorf, Bruce B. and Thomas A. Ottaway (2000), "Market Risk Premiums: Investor Incentive to Vary Individual Risk Preferences," *Proceedings of the 2000 FMA Annual Meeting*, Financial Management Association.

Bruneau, Carol L. and Thomas A. Ottaway (2000), "Electronic Auctions: What Is A Picture Worth," *Proceedings of the Annual Meeting of the American Society of Business and Behavioral Sciences*, American Society of Business and Behavioral Sciences.

Willis, Geoffrey P. and Thomas A. Ottaway (1998), "An Investigation of Buffer Size, Data Distribution, Bottleneck Location, and Line Length Impact on the Performance of a Simulated Flow Shop," *1998 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute.

Ottaway, Thomas A., and Geoffrey P. Willis (1997), "An Adaptive Workflow Management System Utilizing Agent Technology," *1997 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute.

# REFEREED CONFERENCE PAPERS, Continued

Ottaway, Thomas A., and Gerald E. Evans (1996), "An Adaptive Information Architecture to Support Business Process Reengineering," *1996 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute.

Ottaway, Thomas A., and Gerald E. Evans (1996), “Effectiveness of Voluntary Restraint Agreements on the U.S. Machine Tool Industry,” *1996 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute, (Abstract Only).

Evans, Gerald E., Roberta D. Evans, and Thomas A. Ottaway (1996), "Information Systems as Interventions: The Case for Outcomes-Based Evaluations," *1996 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute, (Abstract Only).

Ottaway, Thomas A. (1995), “An Intelligent and Adaptive Information System for FMS Control,” *1995 Proceedings of the Decision Sciences Institute*, Decision Sciences Institute.

Ottaway, Thomas A. (1995), "A Model and Prototype for Dynamically Adaptive Manufacturing Control," *Bulletin of the Fifth Annual Meeting of the Production and Operations Management Society*, Production and Operations Management Society, (Abstract Only).

# FUNDED RESEARCH

*Consulting Contracts Awarded:*

1999-2000 Net-Centric Command and Control Study, United States Navy, $84,226.75

*Competitive Grants And Field Research Awarded:*

2003 “A Telecommunications Inventory of Southeast Idaho,” Idaho National Engineering and Environmental Laboratory, $7,958

2002 Michael C. Ruettgers Initiative, College of Business, Idaho State University, $5,000

1998 Montanans On a New Trac for Science (MONTS), National Science Foundation, $25,000 1997 Summer Research Grant, School of Business Administration, University of Montana, $3000 1996 University Research Grant, University of Montana, $2,200

1996 Summer Research Grant, School of Business Administration, University of Montana, $3000 1995 Summer Research Grant, School of Business Administration, University of Montana, $3000