Karina Hauser
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Management & Entrepreneurship
Leeds School of Business
University of Colorado Boulder
995 Regent Drive
Boulder, CO 80309-0419

Educational background:

Doctor of Philosophy (Decision Science and Information Systems)
University of Kentucky, Lexington KY
Completion date: August 2002
Dissertation topic: Simulation and optimization of a crossdocking operation in a just-in-time environment
Doctoral committee chair: Prof. Chen Chung

Dissertation published as book in April 2008 by VDM Verlag Dr. Mueller

Master of Business Administration, 1993
Verwaltungs- und Wirtschaftsakademie in Munich, Germany

Teaching experience:

Senior Instructor, Leeds School of Business, since 08/14
Associate Professor, Utah State University, 08/09 – 07/14
Assistant Professor, Utah State University, 08/02 – 07/09
Instructor, University of Kentucky, Fall 2000

Fellowship:

Toyota Fellowship, $ 20,000 per year, 1998-2002

Awards:

BIS Teacher of the Year 2006
MIS Researcher of the Year 2008

External Funded Grant and Contract Awards

NSF, REU Supplement: Development of a Low Cost 64-Bit Cluster Supercomputer Co-PI, $12,000 funded
NCIIA: Lean Manufacturing Entrepreneurship Educational Program at Utah State University, Co-PI, 2005, $37,880 funded
NSF, CCLI: Integrating lean manufacturing education into manufacturing course curriculum at Utah State University, Co-PI, duration 08/05-07/06, $66,052 funded

Internal Funded Grant and Contract Awards
New Faculty Research Grant, Utah State University, duration 07/03 to 06/04, $14,994; funded
Women and Gender Research Institute (WGRI) travel grant, 2003, $1,000 funded
Women and Gender Research Institute (WGRI) travel grant, 2005, $500 funded
CURI Grant: Dynamic Data-Driven Supply Chain Simulation and Optimization – An Initial Study, Principal Investigator, duration 05/01/05 to 06/30/06, $35,669; funded
CURI Grant: Integration of Radio-Frequency Identification into Dynamic Data-Driven Supply Chain Simulation and Optimization, Principal Investigator, duration 05/01/06 to 06/30/07, $17,040; funded
Women and Gender Research Institute (WGRI) travel grant, 2007, $500 funded
Women and Gender Research Institute (WGRI) travel grant, 2008, $500 funded

Refereed Journal Publications

Pratt J., Hauser, K. & Sugimoto, C., Cross-Disciplinary Communities or Knowledge Islands: Examining Business Disciplines. *Journal of Computer Information Systems* Vol. 53, No. 2, 2013, pg. 9-21

Pratt J., Hauser, K. & Sugimoto, C., Defining the intellectual structure of information systems and related college of business disciplines: a bibliometric analysis. *Scientometrics* Vol. 93, No. 2, 2012, pg. 279-304

Hauser, K., Sigurdsson, H. & Chudoba K., An Event-Driven Service-Oriented Architecture Model for Enterprise Applications. *International Journal of Management & Information Systems* Vol. 14, No. 3, 2010, pg. 37-48

Chudoba K., Hauser, K. & Olsen, D. Teaching Tools for Data Analysis *International Journal of Management & Information Systems* Vol. 14, No. 3, 2010, pg. 15-24

Pratt, J., Hauser, K. & Ross S. IS Staffing During a Recession: Comparing Student and IS Recruiter Perceptions *International Journal of Information Systems Education* Vol. 21, No. 4, 2010, pg. 69-84

Hauser, K. Olsen, D. & Fadel, K. An integrated approach to teaching Web Development *Review of Business Information Systems* Vol. 14, No. 1, 2010, pg. 43-59

Fang, N., Cook, R. & Hauser, K., Lean Lego Simulation (LLS) for Improving Manufacturing Engineering Education, *International Journal for Engineering Education,* Vol. 25, No. 2, 2009, pg. 272-279

Fadel, K., Olsen, D. & Hauser, K. CRUD on the Web – Pedagogical Modules for Web-based Data Access *Review of Business Information Systems,* Vol. 13, No. 1, 2009, pg. 41-63

Youngberg, E., Olsen, D. & Hauser, K., Determinants of Professionally-Autonomous End User Acceptance in an Enterprise Resource Planning System Environment *International Journal of Information Management,* Vol. 29, No. 2, 2009 pg. 138-144

Sugimoto, C., Pratt J. & Hauser, K. Using Field Co-citation Analysis to Assess Reciprocal and Shared Impact of LIS/MIS Fields *Journal of the American Society for Information Science and Technology* , Vol. 59 No. 9, 2008, pg. 1441-1453

Ugray Z , Hauser, K. & Olsen D., Team Projects in a Systems Analysis & Design Class: Elements of Success *International Journal of Information and Operations Management Education,* Vol 2 No. 3, 2008, pg 275-290

Pratt, J., Ravshan, Y., Rachel, G. & Hauser, K. Nonprofit Organization Websites and Fundraising *International Journal of Management and Enterprise Development,* Vol 6 No. 1, 2009, pg 55-79

Olsen, D., & Hauser, K., Teaching Tip - Teaching Advanced SQL Skills: Text Bulk Loading *Journal of Information Systems Education* , Vol. 18 No. 4, 2007, pg. 399-402

Mills, B., Hauser, K. & Pratt, J., A Comprehensive Two-Level Framework for Information Systems Curriculum Design, Assessment and Improvement *Journal of Computer Information Systems,* July 2008

Olsen, D., Hauser, K, & Ugray Z., SPIE: A Framework for Advanced Database Topics *Review of Business Information Systems,* Vol. 11 No. 3, Third Quarter, 2007, pg. 1-16

Hauser, K., & Chung C. A Simulation Study of Crossdocking Operations for Just-in-Time Manufacturing *International Journal of Management Theory and Practice,* Vol. 8, No. 1 July 2007, pg. 5-24

Pratt, J., Hauser K. & Ugray Z. Looking at human-computer interface design: Effects of ethnicity in computer agents *Interacting with Computers,* Vol. 19, No.4 July 2007, pg. 512-523

Hauser, K., & Paper D. A Focus on Process *International Journal of Management,* Vol. 24 No. 4, December 2007, pg. 676-687

Hauser, K., Pratt J. & Mills B. Real-World Systems Analysis and Design: A "Bug Hunt" Exercise *International Journal of Innovation and Learning,* Vol. 4 No. 6, 2007, pg.571-586

Hauser, K. & Chung C. Genetic Algorithm for Improving Crossdocking Operations in a Manufacturing *International Journal of Production Research,* Vol. 44 No. 21 , November 2006, pg. 4663-4680

Hauser, K, Ugray Z & Olsen D. Systems Analysis & Design: Students Perception Versus Employer Needs *Review of Business Information Systems,* Vol. 10 No. 2, Second Quarter, 2006, pg. 41-52

Hauser, K & Chung C. Comparison of two Crossdocking Layouts at a JIT Manufacturer *Issues in Information Systems,* IV(2), 2003, pg. 486

Conference Presentations

Velasquez-Forsgren, N., Hauser, K. & Ben Postlethwaite (April 2014) Knowledge Export of Accounting Information Systems Journals: 2001-2010, 43th Annual Meeting of the Western Decision Sciences Institute, Napa, CA.

Hins, M., Hauser, K. & Hoepken W. (November 2012) Big Data Analytics Using Hadoop to Improve Sales and Customer Relationships, 43th Annual Meeting of the Decision Sciences Institute, San Francisco, CA.

Hauser, K., Sugimoto, C. R. & Pratt, J., (November 2011) 40 Years of Publications in Business Disciplines: Building Cross-Disciplinary Communities or Knowledge Islands? 42th Annual Meeting of the Decision Sciences Institute, Boston, MA.

Johnson, L., Meixner, S., Pratt, J. & Hauser, K., (October 2011) Identifying Systems Development and Business Analyst Skills and Traits Desired by Employers in Graduating Information Systems Students IACIS Conference, Mobile, Al.

Pratt, J., Hauser, K., & Sugimoto, C. R. (October 2010) Importing and Exporting Knowledge Between the Management Information Systems Department and Other College of Business Departments: A Bibliometric Analysis, IACIS Conference, Las Vegas, NV.

Hauser, K., Pratt, J. & Sugimoto, C., (November 2009) Reciprocal Relationship among College of Business Subdisciplines: The Role of Information Systems, 40th Annual Meeting of the Decision Sciences Institute. New Orleans, LA

Pratt, J., Hauser, K. & Wells, A. (October 2009) Cache Valley Bicycles: Design and Development of a Bicycle Repair Shop Software, IACIS Conference, Pittsburgh, PA

Pratt, J., Sugimoto, C., Hauser, K. & Chen, C. (October 2008) Using Field Cocitation Analysis to Assess Reciprocal Relationships Among College of Business Subdisciplines, IACIS Conference, Savannah, GA

Hauser, K. & Pratt J. (November 2007) *A Comparison of Desired vs. Taught Skills for Web Designers,* 38th Annual Meeting of the Decision Sciences Institute. Phoenix, AZ

Cook, R. Hauser, K. & Fang N. (November 2007) *Workshop: Teaching Lean Principles Through Lean Lego Simulations (LLS)* 38th Annual Meeting of the Decision Sciences Institute. Phoenix, AZ

Hauser, K. & Pratt J. (October 2007) *Skills for Web Designers/Developers: A Survey of the Online Job Market,* IACIS Conference, Vancouver, Canada

Olsen, D. & Hauser, K. (October 2007) *Advanced Database Proficiency: The Case of Inserting Large Data Sets,* IACIS Conference, Vancouver, Canada

Fang N., Randy Cook, & Karina Hauser,(June 2007) *Integrating Lean Systems Education into Manufacturing Course Curriculum via Interdisciplinary Collaboration*. Proceedings of the 2007 ASEE Annual Conference & Exposition, Honolulu, Hawaii.

Fang, N., Cook, R., & Hauser, K., (October 2007) *Work in Progress: An Improved Teaching Strategy for Lean Manufacturing Education* , FIE, Milwaukee, WI.

Fang, N., Cook, R., & Hauser, K., (October 2006) *Work in Progress: An Innovative Interdisciplinary Lean Manufacturing Course*, ASEE/IEEE, San Diego, CA

Mills, R., Hauser, K. & Pratt, J. (October 2006) *Extending First Principles of Design to Enhance MIS Curriculum,* IACIS Conference, Reno, NV

Ugray, Z., Hauser, K. & Olsen, D. (October 2006) *Predictors of a Successful Project in a Systems Analysis & Design Capstone Class,* IACIS Conference, Reno, NV

Ugray, Z. & Hauser, K. (November 2005) *Using Tabu Search to solve Workload Balancing on a Cross-docking Station,* 36th Annual Meeting of the Decision Sciences Institute. San Francisco, CA

Pratt, J. & Hauser, K. (November 2005) *E-Commerce Web Design as a Service Learning Course,* DSI San Francisco, CA

Hauser, K & Pratt, J. (November 2005) *Real-World Systems Analysis and Design: A "Bug Hunt" Exercise,* DSI San Francisco, CA

Hauser, K & Hauser, T. (November 2005) *Dynamic Data-Driven simulation of a Crossdock in a Distributed Computing Environment,* DSI San Francisco, CA

Pratt, J., Hauser, K. & Ugray Z. (October 2005) *Investigating the Effects of Ethnicity in Computer Agents* IACIS Conference, Atlanta, GA

Hauser, K., & Kim Y. (November 2004) *A Multiobjective Genetic Algorithm Approach for a Facility Layout Problem* DSI Conference, Boston, MA

Ugray, Z. & Hauser, K. (June 2004) *Plant Layout Design with Heuristics* AAAS-PD Conference, Logan, UT

Hauser, K., Ugray Z & McAllister S. (June 2004) *Optimization of a Crossdocking Layout using Three Different Heuristic Methods* GITMA, San Diego, CA

Ugray, Z & Hauser, K. (2004) *Optimizing Crossdocking Layout With Tabu Search* CORS/INFORMS Joint
　　Meeting, Banff, Canada
Hauser, K & Chung C. (November 2003) *Optimization of a Crossdocking Layout using Genetic Algorithms*
　　DSI Conference, Washington, DC
Hauser, K & Chung C. (October 2003) *Comparison of two Crossdocking Layouts at a JIT Manufacturer*
　　IACIS Conference, Las Vegas, NV
Hauser, K. & Chung C. (July 2003) *Simulation of a Crossdocking Operation in a Just-in-Time Environment*
　　Summer Computer Simulation Conference, Montreal, CA

Service: Professional Organization

Reviewer for Western DSI Conference, 2014
Reviewer for ICIS Conference, 2011
Reviewer for International Journal of Information Management, 2010
Reviewer for European Journal of Operational Research, 2009
Reviewer for Decision Support Systems, 2009
Reviewer for Interacting with Computers, 2007
Reviewer for European Journal of Operational Research, 2007
Reviewer for book chapter on DSS for Operations Management "*Handbook on Decision Support Systems*",
Springer, Heidelberg 2007
Reviewer for DSI 2007 Elwood S. Buffa Doctoral Dissertation Competition
Reviewer for WDSI 2005
Session Chair for DSI 2004-2005/2007
Reviewer for DSI 2005
Reviewer for IACIS 2003/2005
Reviewer for Decision Support Systems 2004
Reviewer and Session Chair for GITMA 2004
Reviewer for content and chapter on Use Cases for book "An Introduction to Object-Oriented Analysis and
Design for Enterprise Software Systems", McGraw-Hill 2004

Service: Committees

"Meet The Firms" Committee Chair 2012-2013
Operations Management Search Committee 2012-2013
Operations Management Search Committee 2011-2012
Management Information Systems Department, Faculty Search Committee 2006/2007
Management Information Systems Department, Graduate Curriculum Committee 2006-2008, 2012
Business Information Systems Department, Undergraduate Curriculum Committee 2005/2006
Shingo Committee 2003-current
College of Business, Commencement Committee Chair and Marshall 2003/2004
Business Information Systems Department, Compact Planning Committee 2003/2004
Business Information Systems Department, Department Head Search Committee 2003/2004
College of Business, Commencement Committee, Vice-Marshall 2002/2003

Student Advising

Independent Study advisor for Brett Morris
Mentoring and supervision of Undergraduate Teaching Fellow 2012-2014
Ph.D. committee member for Robert Warcup
Independent Study advisor for Alok Dattar
Independent Study advisor for Landon Hemsley
Ph.D. committee member for Joey Cho
Graduate advisor for Sanup Bhulawala
Graduate advisor for Shashidhar Reddy Yeddula
Mentoring and supervision of Undergraduate Teaching Fellow 2005/2006
Ph.D. college external reviewer for Kenneth Tingey
Mentoring and supervision of Undergraduate Teaching Fellow 2003-2009

Ph.D. committee member for Christopher C. Debrand
Graduate advisor for Richard Satterfield

Professional Development Workshops Attended

Attended UWHWN workshop "Conflict Management in Professional Relationships" September, 28 2012
Attended workshop "Negotiating in the Workplace" November, 14 2011
Attended seminar "Developing Your Leadership" March,23 2010
Attended workshop "Coping with Seven Disruptive Personality Types in the Classroom" February, 10 2010
Attended workshop "Dos, Don'ts, and Duhs: Using Classroom PowerPoints Effectively" November, 3 2008
Attended workshop "What More Than 80 Years of Research Tell Us About Student Ratings" September, 24
   2008
Project management consulting for USU IT department 2007-2008 (payment: one summer salary)
One week intensive training on newest trends in software development with chief architect from INFOR,
   August 2007
Attended workshop " Web2.0: Before and After", October, 10 2007
Attended 1-day "Designing Applications for Service-Oriented Architecture Integration" workshop from IBM's
Academic Initiative March, 17, 2006
Attended 0.5 day Negotiation workshop April, 4 2005
Attended 2-day Operational excellence seminar September 2002 - 2012
Attended 1-day Information technology seminar February 2002 -2012
Shingo Prize Examiner 2002-2011

Professional Development Workshops Taught

Taught 0.5-day workshop "Hadoop 102" at the Front Range Consortium for Research Computing (FRCRC)
   Symposium, August 13-14, 2012 at CSU in Fort Collins Colorado.
Taught 1-day workshop "Teaching Lean Concepts through Lego Simulation" at Shingo Prize conference
   April, 2008 (payment: expenses for one conference)

Professional Memberships

IACIS 2003-2009
Decision Science Institute 1998-2012
Society for Modeling and Simulation 2002/2003

Other Activities

Presentation at USU Transportation Seminar October 2005
Submission of Ph.D. thesis for 2003 Elwood S. Buffa Doctoral Dissertation Competition at DSI Conference
Mentoring and supervision of students in lean manufacturing for construction of a 64 PC cluster:
   http://www.usu.edu/bis/faculty/khauser/Cluster/cluster.html

Industrial experience:

Brain North America Atlanta, 01/98 - 10/99
Part time programmer and consultant

Brain North America Atlanta, 11/96 - 12/97
Consultant
Project management and implementation of Enterprise Resource Planning (ERP) software at an automotive supplier. Tasks included:
- Analysis of the company's organizational structure
- Development of a suitable organizational concept together with the customer
- Adaptation of the dialogue oriented production planning and control system software to the needs of the customer
- Implementation of Electronic Data Interchange (EDI) solutions to enable data exchange for just in time delivery
- Training and support of users

Brain Germany, Munich, 07/96-10/96
Programmer
- Implementation of additional packages to the production planning and control system
- Modifications of ERP software to the customer's needs

SPEA Software AG, Munich, 08/93 - 06/96
Head of IT department
- Evaluation and implementation of a new accounting and costing system
- Simplification of work flow which resulted in cost savings
- Implementation of client server applications
- Training and consulting of users
- Maintenance of IBM AS400 hardware and system software

Brain Germany, Munich, 04/90 - 07/93
Consultant
- Project management for implementing software for handling and controlling sales activities in the manufacturing industry
- Installation, configuration and maintenance of system software for AS400 computers

Leicher, Germany, Kirchheim, 10/87 - 03/90
Programmer
- Programming and implementation of software for commercial uses: order entry, purchasing, time and attendance, statistics, inventory management

Scipio AG, Germany, Bremen, 07/86 - 09/87
- Training to become a programmer
- Development of small programs and modifications to existing programs

Atlanta GmbH, Germany, Munich, 08/83 - 06/86
- Work as a commercial clerk