

Anita Lee-Post  
Associate Professor  
Department of Marketing and Supply Chain  
Gatton College of Business and Economics  
University of Kentucky, Lexington, KY 40506-0034  
Phone: (859) 257-1948; E-mail: dsianita@uky.edu

---

### **EDUCATION**

Ph.D. University of Iowa, 1990 (Major: Information Systems, Minor: Operations Management)  
M.B.A. University of Iowa, 1987  
B.B.A. The Chinese University of Hong Kong, 1982 (Major: Accounting, Minor: Computer Science)

### **HONORS & GRANTS**

“Surfacing Online Students' Self-Regulated Learning Processes and Strategies Through Multichannel Data Mining,” Igniting Research Collaboration (IRC) Project Grant, IRC Program, University of Kentucky, Fall 2022 (with Kun Huang).  
Summer Research Grant, Institute for the Study of Free Enterprise, Gatton College of Business and Economics, June 2020.  
Alternative Textbook Grant Program, UK Libraries, May 2020.  
Best faculty paper, 40<sup>th</sup> Annual International Collegiate Conference, American Marketing Association, April 2018 (with Holly Hapke)  
“Measuring Up: Sustainability Assessment of Campus Building at the University of Kentucky,” Sustainability Challenge Grant, University of Kentucky, 2017 (with Brent Sturlaugson, Rebekah Radtke, Bruce Swetnam, and Yoonbai Kim)  
Faculty Fellow, Presentation U!, Multimodal Communication Center, Undergraduate Education, University of Kentucky, 2015-2016  
Outstanding faculty paper, 37<sup>th</sup> Annual International Collegiate Conference, American Marketing Association, March 2015 (with Holly Hapke and Tereza Dean)  
eLearning Innovation Initiative Grant, University of Kentucky, 2014-2015  
Fulbright Teaching/Research Award, Bureau of Educational and Cultural Affairs, the U.S. Department of State, 2013-2014  
Humana Innovative Teaching Award, Gatton College of Business and Economics, University of Kentucky, 2011  
Teaching and Technology Innovation Program Award, University of Kentucky, 2006-2007  
Circle of Powers Leadership Program, President’s Commission on Women, University of Kentucky, 2006-2007  
Kentucky Colonel, the State of Kentucky, 2005  
“Issues in Designing, Developing, and Delivering Web-based Distance Learning Programs: an Information Systems Development Paradigm,” KSEF-148-502-03-60, Research and Development Excellence Program, Kentucky Science and Engineering Foundation, 2003-2004.  
Humana Teaching Excellence Grant, Gatton College of Business and Economics, University of Kentucky, 2002  
Summer Research Grant, School of Management, Gatton College of Business and Economics, University of Kentucky, 2002  
Special Summer Faculty Research Fellowship, University of Kentucky, 1995  
Ashland Oil Summer Research Grants, University of Kentucky, 1994  
Foreign Travel Support, University of Kentucky, 1994  
Equipment Minigrant, University of Kentucky, 1993 (with Clyde Holsapple and Ram Pakath)  
Summer Research Fellowship, University of Kentucky, 1991  
Ponder Research Awards, University of Iowa, 1987 & 1988  
Summer Research Grant, University of Iowa, 1986

### **PROFESSIONAL POSITIONS**

Visiting Professor, Department of International Management, *Mongolia International University*, Fall 2013  
Associate Professor, Department of Marketing and Supply Chain, *University of Kentucky*, since 2012  
Visiting Professor, Operations and Information Management, *University of Wisconsin-Madison*, 1998-1999  
Associate Professor, Decision Science and Information Systems, *University of Kentucky*, since 1997  
Visiting Research Associate, Engineering and Engineering Management, *the Chinese University of Hong Kong*, summer, 1996.  
Assistant Professor, Decision Science and Information Systems, *University of Kentucky*, 1990-1996  
Teaching Assistant, Management Science, *University of Iowa*, 1986-1990

### **RESEARCH INTERESTS**

Economic, environmental, and social sustainability	Knowledge Management
Business Analytics	Expert Systems
E-Learning	Decision Support Systems
Web Mining	Group Technology
Artificial Intelligence	Production Scheduling

## **PUBLICATIONS**

### **Peer-reviewed Articles:**

1. "3-in-1 Hybrid Learning Environment," *Marketing Education Review*, 31(2), 2021, pp.154-161. (with Holly Hapke and Tereza Dean) <https://doi.org/10.1080/10528008.2020.1855989>
2. "Numerical, Secondary Big Data Quality Issues, Quality Threshold Establishment, & Guidelines for Journal Policy Development," *Decision Support Systems*, vol. 126, 2019 (with Ram Pakath) <https://doi.org/10.1016/j.dss.2019.113135>
3. "Measuring Up: Redrawing the System Boundaries of Sustainability," *Journal of Green Building*, 14(3), 2019, pp.161-178. (with Brent Sturlaugson and Rebekah Radtke)
4. "An Examination of Factors that Influence Social Networking Community Participation among Millennials," *International Journal of Technology Diffusion*, 10(2), 2019, pp.34-68. (with Celeste Ng)
5. "Developing Numeracy and Problem-Solving Skills by Overcoming Learning Bottlenecks," *Journal of Applied Research in Higher Education*, 11(3), 2019, pp.398-414.
6. "Universal Design for Learning in Teaching Large Lecture Classes," *Journal of Marketing Education*, 39(1), 2017, pp.5-16. [DOI: 10.1177/0273475316662104](https://doi.org/10.1177/0273475316662104). (with Holly Hapke and Tereza Dean)
7. "Online Learning Integrity Approaches: Current Practices and Future Solutions," *Online Learning*, 21(1), 2017, pp.135-145. (with Holly Hapke)
8. "A Unified Foundation for Business Analytics," *Decision Support Systems*, vol. 64, 2014, pp.130-141. <http://dx.doi.org/10.1016/j.dss.2014.05.013>. (with Clyde Holsapple and Ram Pakath)
9. "Cloud Computing: Evolution, Models, Services, Benefits, and Challenges," in S. Srinivasan (ed.), *Security, Trust, and Regulatory Aspects of Cloud Computing in Business Environments*, Hershey, PA: IGI Global, 2014, pp.1-23. (with Ram Pakath)
10. "A Decision Support System for Crossdocking Operations in Just-in-Time Manufacturing for Lead Time Reduction," Modeling, Measurement, and Control, Series D, *Association for the Advancement of Modeling and Simulation Techniques in Enterprises*, vol.34, no.1, 2013, pp.17-36. (with Chen Chung and Karina Hauser).
11. "Website Management: Improving Website Navigability using Web Log Analysis," *Advances in Management*, vol.4, no. 6, 2011, pp.36-43. (with Ved Basu)
12. "How to Design, Develop, and Deliver Successful E-Learning Initiatives," in S.B. Eom and J.B. Arbaugh, (eds), *Student Satisfaction and Learning Outcomes in E-Learning: An Introduction to Empirical Research*, Information Science Reference, Hershey, PA: IGI Global, 2011, pp.195-229. (with Clyde Holsapple).
13. "Behavior-based Analysis of Knowledge Dissemination Channels in Operations Management," *OMEGA: the International Journal of Management Science*, vol.38, nos.3-4, June-August, 2010, pp.167-178. (with Clyde Holsapple)
14. "E-Learning Success Model: An Information Systems Perspective," *Electronic Journal of eLearning*, vol.7, no.1, May, 2009, pp.61-70.
15. "Systems for Supporting Operations Management Decisions," in F. Burstein and C.W. Holsapple (Eds.), *Handbook on Decision Support Systems*, Volume 2, 2008, Springer, pp.1203-1226. (with Chen H. Chung)
16. "Success Factors in Developing and Delivering Online Courses in Operations Management," *International Journal of Information and Operations Management Education*, vol.2, no.2, 2007, pp.131-139.
17. "Data Auditing by Hierarchical Clustering," *International Journal of Applied Management and Technology*, vol.4, no.1, 2006, pp.153-163. (with ChunHung Cheng and Chon-Huat Goh)
18. "Exploring the Receptiveness of Web-Based Distance Learning," *Kentucky Journal for Excellence in College Teaching and Learning*, vol.4, 2006, pp.60-77.

## **PUBLICATIONS (continued)**

19. "Defining, Assessing, and Promoting E-Learning Success: An Information Systems Perspective," *Decision Sciences Journal of Innovative Education*, vol.4, no.1, 2006, pp.67-85. (with Clyde Holsapple)
20. "Trends in Web Content and Structure Mining," in J. Wang (Ed.), *Encyclopedia of Data Warehousing and Mining*, Volume 2, 2006, Idea Group, Inc., pp.1146-1150. (with Haihao Jin)
21. "Trends in Web Usage Mining," in J. Wang (Ed.), *Encyclopedia of Data Warehousing and Mining*, Volume 2, 2006, Idea Group, Inc., pp.1151-1154. (with Haihao Jin)
22. "Computer-Aided Manufacturing," in H. Bidgoli (Ed.), *Encyclopedia of Information Systems*, Volume 1, 2002, Academic Press, pp.187-203.
23. "Designing Group Technology Manufacturing Systems Using Heuristics Branching Rules," *Computers and Industrial Engineering*, vol.40, nos.1-2, 2001, pp.117-131. (with ChunHung Cheng and Chon-Huat Goh)
24. "Part Family Identification Using a Simple Genetic Algorithm," *International Journal of Production Research*, vol.38, no.4, 2000, pp.793-810.
25. "Software Development Cost Estimation," in A. Kent and J.G. Williams (Eds.), *Encyclopedia of Microcomputers*, Vol. 25, 2000, Marcel Dekker, Inc., pp.375-390.
26. "Solving the Partitioning Problem in Database Design," *Journal of Database Management*, vol.10, no.1, 1999, pp.36-38. (with ChunHung Cheng and Chon-Huat Goh)
27. "Software Development Cost Estimation: Integrating Neural Network with Cluster Analysis," *Information and Management*, vol.34, no.1, 1998, pp.1-9. (with ChunHung Cheng and Jaydeep Balakrishnan)
28. "Refining the Behavior of Multiple Expert Systems: A Concept and Empirical Results," *International Journal of Intelligent Systems in Accounting, Finance, and Management*, vol. 7, 1998, pp.81-90. (with Clyde Holsapple and Jim Otto)
29. "Towards a Knowledge-Based Scheduling System for Semiconductor Testing," *International Journal of Production Research*, vol.36, no.4, 1998, pp.1045-1073. (with Suranjan De)
30. "Performance Analysis of Beam Search with Look Ahead," *Journal of Computing and Information Technology*, vol.5, no.4, 1997, pp.209-218. (with Suranjan De)
31. "A Machine Learning Method for Multi-Expert Decision Support," *Annals of Operations Research*, vol.75, 1997, pp.171-188. (with Clyde Holsapple and Jim Otto)
32. "Identifying Tiers of Influence in Expert Systems Research: II," *International Journal of Intelligent Systems in Accounting, Finance, and Management*, vol.5, no.2, 1996, pp.101-110. (with Clyde Holsapple)
33. "Identifying Tiers of Influence in Artificial Intelligence Research: I," *International Journal of Intelligent Systems in Accounting, Finance, and Management*, vol.5, no.2, 1996, pp.87-99. (with Clyde Holsapple)
34. "Citation-Based Journal Rankings for Artificial Intelligence Research: A Business Perspective," *AI Magazine*, vol.17, no.2, 1996, pp.87-97. (with Clyde Holsapple and ChunHung Cheng)
35. "Metaplanning in FMS Scheduling," *International Journal of Operations and Production Management*, vol.16, no.6, 1996, pp.12-24. (with ChunHung Cheng)
36. "Solving the Generalized Machine Assignment Problem in Group Technology," *Journal of the Operational Research Society*, vol.47, 1996, pp.794-802. (with ChunHung Cheng and Chon-Huat Goh)
37. "Citation-Based Journal Rankings for Expert System Research," *Expert Systems*, vol.12, no.5, 1995, pp.313-322. (with Clyde Holsapple and ChunHung Cheng)
38. "A Knowledge-Based Approach for Task Allocation in Heterogeneous Distributed Computer Systems," *Expert Systems*, vol.12, no.4, 1995, pp.303-312. (with ChunHung Cheng)

## **PUBLICATIONS (continued)**

39. "A Two-Stage Procedure for Designing a Group Technology System," *International Journal of Operations and Production Management*, vol.15, no.6, 1995, pp.41-50. (with ChunHung Cheng and Chon-Huat Goh)
40. "Synergism Between Information Technology and Organizational Structure: A Managerial Perspective," *Journal of Information Technology*, vol.10, 1995, pp.37-43. (with ChunHung Cheng and Gurmeet Chadha)
41. "Local Procurement of Japanese Manufacturers in the U.S.: A Survey of Current Practice," *OM Review*, vol.10, no.4, 1995, pp.37-48. (with Takemi Kunisa and Chon-Huat Goh)
42. "The Impact of Periodicals on Expert Systems Research," *IEEE Expert*, vol.9, no.6, December, 1994, pp.7-14. (with Clyde Holsapple and ChunHung Cheng)
43. "Knowledge Acquisition Automation: Research Issues and Directions," *Journal of Computer Information Systems*, vol. 35, no. 1, 1994, pp.2-6.
44. "A Knowledge-based System for Scheduling in a Flexible Manufacturing System," in A. Mital and S. Anand (Eds.), *Handbook of Expert Systems Applications in Manufacturing: Structure and Rules*, Chapman and Hall, 1994, pp. 269-287. (with Suranjan De)
45. "Flexible Assembly Scheduling Using a Knowledge-based Approach," *Expert Systems With Applications: An International Journal*, vol. 6, no. 3, 1993, pp. 309-326. (with Suranjan De)
46. "FMS Scheduling Using Filtered Beam Search," *Journal of Intelligent Manufacturing*, vol. 1, no. 3, 1990, pp. 165-183. (with Suranjan De)

## **Peer-reviewed Proceedings:**

47. "The Hyflex Model," *Proceedings of the 40<sup>th</sup> AMA International Collegiate Conference*, American Marketing Association, April, 2018. Best Faculty Paper Award. (with Holly Hapke)
48. "Teaching Large Lecture in Universal Design for Learning Environments," *Proceedings of the 37<sup>th</sup> Annual International Collegiate Conference*, American Marketing Association, March, 2015. Outstanding Faculty Paper Award. (with Holly Hapke and Tereza Dean)
49. "Data Auditing Using Genetic Algorithms," *Proceedings of the 32<sup>nd</sup> Annual Meeting of the Decision Sciences Institute*, November, 2001, pp.171-173. (with ChunHung Cheng and Chon-Huat Goh)
50. "Decision Support in Knowledge Acquisitions: Concept Characterization Using Genetic Algorithms," *Proceedings of Seventeenth Annual International Conference on Information Systems*, December, 1996, pp.160-173.
51. "Part Family Identification Using a Simple Genetic Algorithm," *Proceedings of the First Asia Pacific Decision Science Institute Conference*, June, 1996, pp.563-570.
52. "Knowledge-based Scheduling of Semiconductor Testing Operations," *Proceedings of the 11th Conference on Artificial Intelligence for Applications*, February 1995, pp.247-253. (with Suranjan De and Chaiho Kim)
53. "Meta Knowledge Management in FMS Scheduling," *Proceedings of the International Conference on Data and Knowledge Systems for Manufacturing and Engineering*, May 1994, pp.393-398. (with ChunHung Cheng)
54. "Real-time Rescheduling Using a Blackboard Architecture for Control," *Proceedings of the Twenty-Fifth Annual Meeting of the Midwest Decision Sciences Institute*, April, 1994, pp.191-193. (with DongLin Kang)
55. "A Knowledge-based System for Flexible Assembly Scheduling," *Proceedings of the 4th International Conference on Expert Systems in Production and Operations Management*, May 14-16, 1990, pp. 156-167. (with Suranjan De)
56. "Making Scheduling Decisions in an FMS Using the State-Operator Framework in A.I.," *Proceedings of the IEEE Conference on Systems, Man, and Cybernetics*, 1986, pp. 1178-1181. (with Suranjan De)

**Book:**

57. *Real-World Applications for Analytics Teaching and Learning*, Marketing & Supply Chain Textbook Gallery, 1, University of Kentucky Libraries, 2021. Distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License (<https://creativecommons.org/licenses/by-nc-sa/4.0/>), which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided that the author and publication source are credited, that changes (if any) are clearly indicated, and that the derivative work is distributed under the same license. <https://doi.org/10.13023/msc.textbook.01>
58. *Knowledge-based FMS Scheduling: An Artificial Intelligence Perspective*, Garland Publishing Inc., New York, NY, 1994.

**WORK IN PROGRESS**

1. “Supporting Online Learners’ Self-Regulated Learning: A Learning Analytics-augmented Peer Scaffolding System”, under review at *Spencer Research Grant on Education*. (with Kun Huang)
2. “Relationships Among Class Climate, Students’ Internal Help-Seeking Factors, Participation in Peer Help, and Achievement in an Online Class”, under review at *The Internet and Higher Education*. (with Kun Huang and Victor Law)
3. “COVID-19 Interventions Success: An Individual Heterogeneity Perspective”, in preparation. (with Ram Pakath and Sam Heshmati)
4. “Analytics Course Design for Agile Delivery,” paper in preparation. (with Ram Pakath)
5. “Open Education Resource Development for Analytics Education,” paper in preparation. (with Ram Pakath)
6. “Educators’ Nudge for Improved Academic Performance,” paper in preparation. (with Holly Hapke and Tereza Dean)
7. “Sustainable Consumption Behavior,” data collection completed, paper in preparation. (with Chon-huat Goh)
8. “A Comparative Study of Students’ Perception of Sustainability of Campus Buildings,” data collection completed, paper in preparation. (with Brent Sturlaugson, Rebekah Radtke, and Yoonbai Kim)

**PRESENTATIONS**

1. “Relationships Among Online Students’ Internal Help-Seeking Factors, Environmental Factors, Participation in Help Seeking, and Achievement,” American Educational Research Association (AERA) Annual Meeting, Chicago, April 13-16, 2023. (with Kun Huang and Victor Law)
2. “Incorporating OER in a Large, Introductory, Online Business Analytics Course: Issues and Challenges,” DASI Special Interest Group, DSI Annual Meeting, Online, November 17-20, 2021. (with Ram Pakath).
3. “Using JMP for Analytics Problem-Solving: A Real-World Case-Based Learning Experience,” JMP Discovery Summit Americas, Online, October 5-7, 2021. (with Ram Pakath).
4. “Designing a Sustainable Built Environment for Academic Success,” INFORMS Annual Meeting, Seattle, Washington, October 20-23, 2019. (with Chon-huat Goh).
5. “Sustainable Built Environment and Academic Performance,” POM Annual Meeting, Washington, D.C., May 3-6, 2019. (with Chon-huat Goh).
6. “Sustainable Consumption Behavior,” INFORMS Annual Meeting, Phoenix, AZ, November 4-7, 2018. Session chair. (with Chon-huat Goh).
7. “Clustering of High Dimensional and Unbalanced Data,” 2<sup>nd</sup> International Statistical Conference in Croatia, Opatija, Croatia, May 10-11, 2018.
8. “The Hyflex Model,” 40<sup>th</sup> Annual International Collegiate Conference, American Marketing Association, New Orleans, Louisiana, April 5-7, 2018. Best Faculty Paper Award. (with Holly Hapke)
9. “Millennials’ Social Networking Behavior,” INFORMS Annual Meeting, Huston, TX, October 21-25, 2017.
10. “Social Networking Behavior Among Millennials,” Americas Conference on Information Systems, San Diego, August 11-13, 2016. Session chair.

## **PRESENTATIONS (continued)**

11. "Emerging Technological Solutions for E-authentication," 8<sup>th</sup> Annual Emerging Technologies for Online Learning International Symposium, Dallas, TX, April 22-24, 2015. (with Holly Hapke)
12. "Teaching Large Lecture in Universal Design for Learning Environments," 37<sup>th</sup> Annual International Collegiate Conference, American Marketing Association, New Orleans, Louisiana, March 19-21, 2015. Outstanding Faculty Paper Award. (with Holly Hapke and Tereza Dean)
13. "Building Online Presence: Dos and Don'ts," Postdoc and Graduate Student Mentoring Seminar, Department of Horticulture, College of Agriculture, Food, and Environment, University of Kentucky, December 5, 2014. (invited speaker)
14. "Innovative Success of Social Computing," Decision Science Institute Annual Meeting, San Francisco, CA, November 17-20, 2012. (with Pei Xu)
15. "Between Buyer/Supplier Relationship and Supply Chain Performance: the Moderating Role of Knowledge Transferring Type," Decision Science Institute Annual Meeting, San Francisco, CA, November 17-20, 2012. (with Zhiguo Yang)
16. "Overcoming Learning Bottleneck," INFORMS Annual Meeting, Phoenix, AZ, October 14-17, 2012.
17. "Innovative Success of Social Computing in New Product Development," INFORMS Annual Meeting, Phoenix, AZ, October 14-17, 2012. (with Pei Xu)
18. "The 4R Framework for E-Strategy Formulation," DSI Annual Meeting, San Diego, CA, November 18-23, 2010.
19. "Using Interactive Spreadsheets to Enhance the Quantitative Literacy of Business Students", DSI Annual Meeting, Phoenix, AZ, November 17-20, 2007.
20. "Website Management: A Case Study on Web Mining to Improve Website Design", National conference on Information Technology: Present Practices and Challenges, Asia-Pacific Institute of Management, New Delhi, India, August 31-September 1, 2007. (with Ved Basu)
21. "Improving Education with Internet Technology: Issues and Challenges", CORS/INFORMS Meeting, Banff, Canada, May 16-19, 2004.
22. "Link Restructuring through Web Log Mining," INFORMS National Meeting, San Jose, CA, November 17-20, 2002. (With Chon-Huat Goh)
23. "Data Auditing Using Genetic Algorithms," DSI Annual Meeting, San Francisco, CA, November 17-20, 2001. (with ChungHung Cheng and Chon-Huat Goh)
24. "A Survey of Current Production Scheduling Practices in Wisconsin," INFORMS National Meeting, Philadelphia, PA, November 7-10, 1999. (with Chon-Huat Goh)
25. "Decision Support for Concept Characterization in the Knowledge Acquisition Phase of Expert Systems Development," INFORMS National Meeting, Cincinnati, OH, April 29-May 5, 1999.
26. "A Survey of the Industrial Practice on Production Scheduling," INFORMS National Meeting, Dallas, TX, October 26-29, 1997.
27. "A Survey of Current Production Scheduling Practices in Kentucky," the Second International Symposium on Scale Modeling, Lexington, KY, June 23-June 27, 1997. (with Sue Kash and Nora Cheek)
28. "Decision Support in Knowledge Acquisitions: Concept Characterization Using Genetic Algorithms," the 17th Annual International Conference on Information Systems, Cleveland, OH, December 15-18, 1996.
29. "Part Family Identification Using a Simple Genetic Algorithm," the First Asia Pacific Decision Science Institute Conference, Hong Kong, June 21-22, 1996.
30. "A Decision Support System for Knowledge Acquisition in Real-Estate Assessment," INFORMS National Meeting, Los Angeles, CA, April 23-26, 1995. (invited session)

## **PRESENTATIONS (continued)**

31. "Knowledge-based Scheduling of Semiconductor Testing Operations," the 11th Conference on Artificial Intelligence for Applications, Los Angeles, CA, February 18-23, 1995. (with Suranjan De and Chaiho Kim)
32. "Manufacturing Applications of Genetic Algorithms," colloquium, Computer Science Department, University of Kentucky, November 4, 1994. (invited speaker)
33. "A DSS Framework for Network Organization Relationship Management," the 1994 Information Resources Management Association International Conference, San Antonio, TX, May 22-25, 1994. (with Jim Otto)
34. "Meta Knowledge Management in FMS Scheduling," the 4th International Conference on Data and Knowledge Systems for Manufacturing and Engineering, Hong Kong, May 2-4, 1994. (with ChunHung Cheng)
35. "Real-time Rescheduling Using a Blackboard Architecture for Control," the 25th Annual Meeting of the Midwest Decision Sciences Institute, Cleveland, OH, April 24-26, 1994. (with DongLin Kang)
36. "Mental Models for Decision Support," the 15th Annual Conference on Intelligent Systems in Accounting, Finance and Management, Stanford, November 11-13, 1993. (with Suranjan De)
37. "Enhancing the Performance of Filtered Beam Search in Job Shop Scheduling," ORSA/TIMS National Meeting, Anaheim, CA, November 3-6, 1991. (with Suranjan De)
38. "Adaptive Rule Management Through Learning," ORSA/TIMS National Meeting, Nashville, TN, May 12-15, 1991.
39. "A Knowledge-based System for Flexible Assembly Scheduling," 4th International Conference on Expert Systems in Production and Operations Management, May 14-16, 1990. (with Suranjan De)
40. "GT Cell Formation and its Evaluation: an Integrated Approach," CORS/TIMS/ORSA Joint National Meeting, Vancouver, Canada, May 8-10, 1989. (with Warren Boe and ChunHung Cheng)
41. "A Knowledge-based System for FMS Scheduling," CORS/TIMS/ORSA Joint National Meeting, Vancouver, Canada, May 8-10, 1989. (with Suranjan De)

## **SCHOLARLY ACTIVITY**

### **Academic Journal Associate Editor:**

[\*Journal of Organizational Computing and Electronic Commerce\*](#), since 2017

*Journal of Database Management*, 1998-2001; 2016-2018

Awarded the 1999 Anbar Golden Page Award for most original content

### **Academic Journal Advisory Board:**

[\*Business Systems Research\*](#), since 2018

### **Academic Journal Editorial Review Board:**

Frontiers in Psychology, since 2022

[\*International Journal of Data Mining, Modeling and Management\*](#), since 2008

[\*Production Planning and Control\*](#), since 2007

[\*Interdisciplinary Description of Complex Systems\*](#), since 2007

[\*International Journal of Business Information Systems\*](#), since 2005

[\*International Journal of Applied Management and Technology\*](#), since 2005

[\*Journal of Managerial Issues\*](#), since 1995

Business Systems Research, 2010-2017

*Journal of Database Management*, 1995-1998

### **Research Grant Review Committee:**

Review panelist, Smart and Connected Communities, National Science Foundation, 2021

Committee member, Regional Peer Review Committee, *Council for International Exchange of Scholars*, 2014, 2015

Ethics and values Studies, Societal Dimensions Program, National Science Foundation, 2001

University Grants Committee, Hong Kong Research Grants Council, since 1995

## **TEACHING**

### **Courses Taught:**

Introduction to Business Analytics (undergraduate level, B.B.A. core course, University of Kentucky)  
Special Lecture of Business: Sustainable Supply Chain Management (Mongolia International University)  
International Management (Austria-Bregenz summer program, Kentucky Institute of International Studies)  
International Business (Austria-Bregenz summer program, Kentucky Institute of International Studies)  
Topics in Operations Management (doctoral level, University of Kentucky)  
Supply Chain Management (undergraduate level, University of Kentucky)  
Analyzing Business Operations (undergraduate level, B.B.A. core course, University of Kentucky)  
Systems Analysis and Design (undergraduate and graduate levels, University of Kentucky)  
Global E-Commerce (London summer program, Cooperative Center for Study Abroad)  
Fundamentals of E-Commerce (undergraduate and graduate levels, University of Kentucky)  
Business Globalization: Issues and Solutions (Vienna University of Economics and Business Administration)  
Analysis and Design of Computer-Based Systems (University of Wisconsin-Madison)  
Computer-Based Data Management (University of Wisconsin-Madison)  
Special Topic in Decision Science & Information Systems (undergraduate level, University of Kentucky)  
Quantitative Analysis in Operations Management (undergraduate level, B.B.A. core course, University of Kentucky)  
Management Information Systems (undergraduate level, University of Kentucky)  
Business Data System Analysis and Design (graduate level, University of Kentucky)  
Management Information Systems in Decision Making (graduate level, M.B.A. core course, University of Kentucky)  
The Management of Computer Integrated Manufacturing (graduate level, University of Kentucky)  
Studies in Decision Science and Information Systems (doctoral level, University of Kentucky)

### **Dissertation Committee Chair:**

Lijuan Wu, *Effect of Coupon on Shopping Habit and Continuance and the Decision Making Process of Millennial Consumers*, 2012-2017.  
Madeline Lyerly, *The Role of Social Media in Historic Preservation Nonprofits*, completed her master thesis, May, 2011.  
Abdulnasser Minkara, *Information Systems Management Issues: An Openness and Resources Perspective*, completed his doctoral thesis, June, 2002. (co-chair with Clyde Holsapple)  
Jim Otto, completed his doctoral thesis, *Adaptive Refinement of Multiple Expert Systems*, January, 1996. (co-chair with Clyde Holsapple)

### **Dissertation Committee Member:**

Lawrence Zhiguo Yang, completed his doctoral thesis, *Modeling Large Scale Cross Effect in Co-Purchase Incidence: Comparing Artificial Neural Network Techniques and Multivariate Probit Modeling*, 2015.  
Liang Chen, completed his doctoral thesis, *A Knowledge-Management Perspective on Supplier Development*, 2015.  
Wenbin Li, completed his doctoral thesis, *Consistency Checking of Natural Language Temporal Requirements using Answer-Set Programming*, 2015. (Department of Computer Science)  
Dennis Pearce, completed his doctoral thesis, *Developing a Method for Measuring "Working Out Loud"*, 2014.  
Wei-Cheng Shen, completed his doctoral thesis, *Occupational Innovativeness and its Applications for Understanding Information Technology Adoption*, 2011.  
PengTao Li, completed his doctoral thesis, *The Effectiveness of Multimedia Technology Aids in Transferring Business Knowledge*, 2006.  
Michael Shane Tomblin, completed his doctoral thesis, *The Relationship Between GDSS Support Types and Organizational Learning: a Multilevel Perspective*, 2005.  
Lei Chi, completed her doctoral thesis, *Competitive Dynamics in Electronic Networks – Achieving Competitiveness Through Interorganizational Systems*, 2005.  
Edward Hartono, completed his doctoral thesis, *Knowledge, technology, and inter-firm collaboration: a model and empirical study of collaborative commerce*, 2004.  
Alice Lindsay, completed her doctoral thesis, *Executive Communication and its Effect on the Alignment of Information Systems with Business Strategy*, 2001.  
Mark Sena, completed his doctoral thesis, *Enterprise Systems for Organizational Decision Support: an Examination of Objectives, Characteristics, and Benefits*, 2001.  
Chuleeporn Changchit, completed her doctoral thesis, *An Expert System for Supporting Managers' Internal Control Evaluations*, 1998.  
John H. Benamati, completed his doctoral thesis, *Managing Information Technology in a Changing Information Technology Environment*, 1997.  
Bopana Ganapathy, completed his doctoral thesis, *The Representation of Organizational Workflows as Knowledge Management Episodes*, 1996.

**Dissertation Committee Member (continued)**

- Russ Morton, completed his doctoral thesis, *A Comparative Framework for Multiparticipant Decision Support Systems with Empirical Results*, 1996.
- Sathasivam Marthiyalakan, completed his doctoral thesis, *A Methodology and Operationalization for Acquiring Knowledge from Multiple Experts*, 1995.
- Wenhong Luo, completed his doctoral thesis, *Organizational Computing Infrastructure: a Synthetic Framework, Validation, and Experiment*, 1994.
- Magesh Ranganathan, completed his doctoral thesis, *Performance Evaluation of Tool Sharing Policies in Automated Manufacturing Systems*, 1994.
- Lee, Jiunn-Min, completed his doctoral thesis, *Batching Multiple Products on Parallel Heterogeneous Machines*, 1992.
- Wu, Jen-Her, completed his doctoral thesis, *Certainty Factors: Analysis of Certainty Factor Algebras, Empirical Assessment, and Implications for Decision Analysis*, 1992.

**Dissertation Outside Examiner:**

- Krol Mathias, Computer Science Department, College of Engineering, University of Kentucky, completed his doctoral thesis, *Knowledge Elicitation and Management: Backbone of a Decision Support System*, 2008.
- Wenzhong Zhao, Computer Science Department, College of Engineering, University of Kentucky, completed his doctoral thesis, *Probabilistic Database and their Applications*, 2004.
- Joseph Oldham, Computer Science Department, College of Engineering, University of Kentucky, completed his doctoral thesis, *Generating documents by means of Computational Register*, 2000.

**Master Project:**

- Brooke Kamins, Interior design, College of Design, University of Kentucky, completed her senior capstone project on creating a design solution for both online and physical retail platforms of an existing apparel brand, 2018.

**Invited Panelist:**

- Edward Burtynsky's documentary "Manufactured Landscapes", Greenhouse Environment and Sustainability Living-Learning Community, University of Kentucky, October 26, 2015.

**Curriculum Development:**

- Business Analytics Minor, Data Analytics Work Group, 2018-2019
- Supply Chain Degree Program, Joint Committee Exploring Supply Chain Degree Development, 2018
- Curriculum Development in Business Management, Iraq University Linkage Project, Academy for Educational Development, U.S. Embassy, 2012 & 2013
- Sustainable Quality Healthcare Curriculum Committee, 2010
- Scholarly Learning Community on Service-Learning, Chellgren Center for Undergraduate Excellence, 2009-2010
- Strengthening Asian Studies and Languages Across the Curriculum, Asia Center, Undergraduate International Studies and Foreign Language grant, US Department of Education, 2008-2009
- Quantitative Analysis in Operations Management (Web-based distance learning course), 2002-2003

**Teaching Abroad:**

- Austria-Bregenz Summer Program, Kentucky Institute of International Studies, Summer 2013, 2014, 2018
- UK Faculty China Short-Term Teaching Program, Jilin University, Changchun, China, 2017
- Fulbright Scholar, Department of International Management, Mongolia International University, Fall 2013
- Greek MBA Program, Gatton College of Business and Economics, May 2005
- London Summer Program, Cooperative Center for Study Abroad, July, 2004
- International Summer University, Vienna University of Economics and Business Administration, Vienna, Austria, July, 2003

## **UNIVERSITY SERVICE**

### **University Senate:**

Faculty senator, elected, 2016-2019; 2020-2022

Senate Library Committee, 2020-2022

Academic Programs Committee, 2016-2019

Privilege and Tenure Senate Hearing Panel, appointed by President Lee Todd, 2002-2005

### **University Committee:**

University Appeals Board, appointed by President Lee Todd, 2011-2014

### **Graduate School:**

Graduate council, 2009-2012

### **College/Department Committee:**

Library/Data Committee, 2020-2022

Gatton Diversity Committee, 2020-2021

Business Analytics Lecturer Search Committee, 2019, 2020

Business Statistics Committee, 2019

Data Analytics Work Group, since 2018

Master's in Supply Chain Committee, 2018-2019

Library/Data Committee, 2018-2019

Supply Chain Degree Development Joint Committee, 2018 (with College of Engineering)

Safety Committee, 2015-2016

Scholarship Committee, 2012-2013

Diversity Committee, 2011-2012

Merit Appeals Committee, 2011-2012

Gatton Self-Study Committee, 2007-2009

School of Management Director Search Committee, 2006-2007

Merit Review Committee, 2005-2006

Distribution of Effort Committee, 2005

Scholarship and Awards Committee, 1999-2000, 2000-2001

Recruiting Committee, 1997-1998, 1999-2000

Undergraduate Studies Committee, 1997-1998

Library Committee, 1993-1994, 1994-1995, 1995-1996, 1996-1997

Humana Visiting Scholar Committee, 1992-1993

### **Other University Services:**

Committee member, Education Abroad Scholarship Committee, since 2014

Gatton representative, Asia Center Steering Committee, since 2008

Faculty affiliate, Asia Center, since 2006

Faculty sponsor, the Internship program, Experimental Education, since 2003

Faculty advisor, Students for Information Technology Enterprise, since 2003

Course Coordinator, DIS300, 1992-1993, since 2002

Undergraduate Advisor, since 2001

Coordinator, Decision Science and Information Systems Area Research Seminar, 1999-2000

Course Coordinator, DIS320, 1994-1998

Associate Member, Graduate Faculty, Business Administration Program, since 1992

Sponsor, the Hong Kong Students Association, University of Kentucky, 1992

## **EXTERNAL SERVICE**

Sam Walton Fellow, *Student in Free Enterprise*, since 2001

Board member, *International Hospitality Program*, University of Kentucky, 2000

### **Invited Panelist:**

“Stories to Inspire”, Open Education Week, the Council on Postsecondary Education, March 10, 2022

Operations Management Symposium, McGraw-Hill, Huntington Beach, CA, February 20-22, 2004

“Knowledge Management: Emerging Issues,” Arthur Anderson, May 4-15, 1998

### **Invited Discussant:**

Focus group for *Applied Management Science*, John Wiley & Sons, Inc., 1995

### **Journal Reviewers:**

*Information and Management*, since 2022

*Decision Sciences: Journal of Innovative Education*, since 2017

*International Journal of Knowledge and Learning*, since 2012

*International Journal of Data Mining, Modelling and Management*, since 2011

*Production Planning and Control*, since 2009

*International Journal of Applied Management and Technology*, since 2005

*The Engineering Economist*, since 2004

*IIE Transactions on Design and Manufacturing*, since 2001

*European Journal of Operational Research*, since 2001

*International Journal of Operations and Production Management*, since 1999

*International Transactions in Operational Research*, since 1998

*Journal of Organizational Computing and Electronic Commerce*, since 1998

*The Computer Journal*, since 1998

*OMEGA: The International Journal of Management Science*, since 1997

*Computers and Industrial Engineering*, since 1997

*IEEE Transactions on Engineering Management*, since 1997

*Annals of Operations Research*, since 1996

*International Journal of Flexible Manufacturing Systems*, since 1996

*Decision Support Systems*, since 1995

*Expert Systems*, since 1995

*Journal of Data Base Management*, since 1994

*Management Sciences*, since 1993

*Decision Sciences*, since 1992

*Journal of Intelligent Manufacturing*, since 1991

### **Conference Reviewers:**

*Pacific Asia Conference on Information Systems*, 2019, 2017

*Management Information Systems Track, Decision Sciences Institute Meeting*, since 1997

*International Conference on Information Technology Interfaces*, since 1994

*Hawaii International Conferences on Systems Science*, since 1991

### **Book Reviewers:**

*Business Analytics*, McGraw-Hill, 2019

*Operations Management*, McGraw-Hill, 2015, 2013, 2012, 2011

*Management Information Systems*, McGraw-Hill, 2013, 2009

*Managing Operations Across the Supply Chain*, Irwin/McGraw-Hill, 2011

*Operations Management: An Integrated Approach*, John Wiley & Sons, Inc., 2010, 2007, 2005

*Database Application Development and Design*, Irwin/McGraw-Hill, 1999

*Decision Support for Sustainable Development*, Kluwer Academic Publishers, 1998

*Expert Systems: Theory and Applications*, Richard D. Irwin, Inc., 1995

*Computing in the Information Age*, Nancy and Robert Stern, John Wiley & Sons, Inc., 1994