DUANNING ZHOU

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WORKING EXPERIENCE

Professor, Accounting and Information Systems & Business Analytics Department, College of Business & Public Administration, **Eastern Washington University,** 09/2010 – present

Chair, Accounting and Information Systems & Business Analytics Department, College of Business & Public Administration, **Eastern Washington University,** 10/2012 – present

Associate Professor, Accounting and Information Systems & Business Analytics, College of Business & Public Administration, **Eastern Washington University,** 09/2006 – 08/2010

Assistant Professor, Accounting and Information Systems & Business Analytics Department, College of Business & Public Administration, **Eastern Washington University,** 01/2001 – 08/2006 (note: contract from 2000)

Note: Courses Taught to MBA and undergraduate students: Information Technology and the Organizations**,** E-Commerce**,** Management Information Systems; Information Technology in Business; E-Commerce and E-Commerce System Design; Business Applications Program Design; Business Database Applications.

Research Fellow, Information Systems Department, **City University of Hong Kong,** Hong Kong, 08/2000 – 12/2000

Lecturer (Assistant Professor), Computer Science Department, **Zhongshan University**, Guangzhou, China, 03/2000 - 07/2000

Lecturer (Assistant Professor), Computer Science Department, **Zhongshan University**, Guangzhou, China, 03/1990 - 02/1996

Software Engineer, Computing Technology Institute of Jiangxi Province, China, 08/1984 – 08/1987

EDUCATION

Ph.D. Information Systems, **City University of Hong Kong,** Hong Kong 03/1996 – 03/2000

Note: while at school I was an exchange student at the Management Information Systems Department, **University of Arizona**, Tucson, Arizona, 03/1998 – 08/1998

M.Eng. Computer Science, **Zhongshan University**, Guangzhou, China, 08/1987 - 02/1990

B.S. Mathematics, **Jiangxi University**, Nanchang, China, 09/1980 –07/1984

PUBLICATIONS

Journal Papers

1. Djatej A., Chen Y. and Eriksen S. **Zhou D.**, (2015), "Understanding students' major choice in accounting: an application of the theory of reasoned action," *Global Perspective on Accounting Education*. Vol. 10, pp. 53-72.
2. **Zhou D**., Djatej A, Sarikas R., and Senteney D. (2014), "The growth of industry web portals: framework and guidelines," *International Journal of e-Collaboration*, Vol. 10, No.4, pp. 17-31.
3. Xu J., Zhang Y., **Zhou D**., Li D. and Li Y. (2014), "Uncertain multi-granulation time series modeling based on granular computing and the clustering practice," *Journal of Nanjing University* (in Chinese).
4. Chen G., Chen Q., Zhang D. and **Zhou D.** (2014), "Steganalysis based on distribution characters of stego-images in reduced dimension space," *Multimedia Tools and Applications,* Vol. 71, No. 2, pp. 497-515, 2014.
5. Djatej A., **Zhou D.**, Gorton D., and McGonigle W. (2012), "Critical factors of IFRS adoption in the US: an empirical study," *Journal of Finance and Accountancy*, Vol. 9, April, 2012.
6. **Zhou D.**, Djatej A., Chen Y. and Senteney D. (2011), "Recruiting MIS minors: the impact of in-depth database exposure in the accounting information systems course," *International Journal of Management & Information Systems*, Vol. 15, No. 3, pp. 119-128.
7. **Zhou D.**, Nakatani K. and Chuang T.T. (2011), "Data quality in collaborative commerce," *International Journal of Information Quality*, Vol. 2, No. 3, pp. 264-278.
8. **Zhou D.** and Huang W. (2009), "Using a fuzzy classification approach to assess e-commerce websites: an empirical investigation," *ACM Transactions on Internet Technology*, Vol. 9, No 3, Article 12.
9. Chen G., Yin J., **Zhou D.** and Zhang D. (2009), "A new method for steganalysis techniques: IKLDA," *ACTA Electronica Sinica*, Vol. 37, No. 8, pp. 1762-1768. (in Chinese)
10. Djatej A., **Zhou D,.** McGonigle W., and Sarikas R. (2009), "Impact of in-depth exposure of database knowledge to accounting students: an empirical study," *Global Education Journal*, Vol. 2009, No.1, pp. 133-139.
11. Chuang T.T., Nakatani K. and **Zhou D.** (2009), "An exploratory study of the extent of information technology adoption in SMEs: an application of upper echelon theory", *Journal of Enterprise Information Management*, Vol. 22, No 1/2, pp. 183-196.
12. Kwok R., **Zhou D.**, Zhang Q., and Ma J. (2007), "A Fuzzy Multi-Criteria Decision Making Model for IS Student Group Project Assessment", *Group Decision and Negotiation*. Vol. 16, No. 1, pp. 25-42.
13. Nakatani K., Chuang T.T. and **Zhou D.** (2006), "Data synchronization technology: standards, business values and implications", *Communications of the Association for Information Systems.* Vol. 17, pp. 962-994.
14. Turban E., **Zhou D.**, and Ma J. (2004), "A group decision approach to evaluating journals", *Information & Management*. Vol. 42, No. 1, pp 31-44.
15. **Zhou D.** and Kuo C. (2004), "Fuzzy group decision support system approach to group decision making under multiple criteria", *International Journal of Management Theory and Practices*, Vol. 5, No. 1, pp. 23-42, 2004.
16. Zhang Q., Chen J.C.H., He Y-Q., Ma J. and **Zhou D.** (2003), "Multiple attribute decision making: approach integrating subjective and objective information", *International Journal of Manufacturing Technology and Management*, Vol. 5, No. 4, pp.338-361, 2003
17. **Zhou D.**, Ma J., Turban E. and Bolloju N. (2002), "A fuzzy set approach for evaluating grades of journals," *Fuzzy Sets and Systems.* Vol. 131, No. 1, pp. 63-74, 2002.
18. Kwok C. W. R., Ma J. and **Zhou D.** (2002), "Improving group decision making: A fuzzy GSS

approach," *IEEE Transactions on Systems, Man and Cybernetics – Part C: Application and Reviews*. Vol. 32, No.1, pp. 54-63, 2002.

19. **Zhou D.**, Ma J. and Turban E. (2001), "Journal quality assessment: an integrated subjective and objective approach" *IEEE Transactions on Engineering Management.* Vol. 48 No. 4, pp. 479-490, November 2001.

20. Kwok C. W. R., Ma J., Voug D. and **Zhou D.** (2001), " Collaborative assessment in education: an application of fuzzy GSS" *Information & Management*. 39(3), pp 243-253, 2001.

21. Long D., Jia W., Ma J. and **Zhou D.** (2001), "k-p-infix codes and semaphore codes," *Discrete Applied Mathematics* 109 (2001) 237-252.

22. Ma J. and **Zhou D**. (2000), "Fuzzy set approach to the assessment of student-centered learning," *IEEE Transactions on Education*. Vol. 43, No. 2, pp. 237-241.

23. Long D., Ma J. and **Zhou D**. (1997), "Structure of 3-infix-outfix maximal codes," *Theoretical Computer Science,* 188 (1997) pp. 231-240.

Conference Papers

1. Jones D., **Zhou D.,** Cooney V. and Morgan D. (2015), "The U.S. drug supply chain security act of 2013 and its information system implementation," *Proceedings of the 9th China Summer Workshop on Information Management*, Hefei, China, June 27 – June 28, 2015.

2. Liu O. and **Zhou D**., (2014), "A Hybrid Knowledge Base System for Fraud Detection Using Accounting Data," *Proceedings of the Twentieth Americas Conference on Information Systems* (Note: abstract only), Savanna, Georgia, USA, August 7-9, 2014.

3. Liu O. and **Zhou D**., (2013), "An Event-driven approach for modeling R&D project selection process," *Proceedings of the Nineteenth Americas Conference on Information Systems*, Chicago, Illinoi, USA, August 15-17, 2013.

4. **Zhou D.** and Dtajej A. (2012), "The growth of industry web portals: an example," *Proceedings of the 6th China Summer Workshop on Information Management*, pp. 100-105, Beijing, China, June 30 – July 1, 2012.

5. **Zhou D.**, Zhang A. and Lu N. (2011), "The growth of industry web portals: a case study," *Proceedings of the Seventeenth Americas Conference on Information Systems* (Note: abstract only), Detroit, Michigan, USA, August 4-7, 2011.

6. **Zhou D.** (2010), "E-commerce adoption in Chinese martial arts schools," *Proceedings of the 4th China Summer Workshop on Information Management*, pp 23 - 27, Wuhan, China, June 19-20, 2010.

7. **Zhou D.**, Djatej A. and Chen Y. (2009), "Recruiting IS minor students: the impact of in-depth exposure of database knowledge in accounting information systems courses," *Proceedings of the Fifteenth Americas Conference on Information Systems* (Note: abstract only), San Francisco, California, USA, August 6-9, 2009.

8. Qiu J., Yin J. and **Zhou D.** (2009), "An adaptive repulsive particle swarm optimization for makespan and maximum lateness minimization in the permutation flowshop scheduling problem," *Proceedings of the 2009 International Workshop on Intelligent Systems and Applications*, pp 267-271, Wuhan, China, May 23-34, 2009.

9. **Zhou D.,** Chuang T.T. and Nakatani K. (2008), "Data transparency in collaborative commerce", *Proceedings of the 2nd China Summer Workshop on Information Management*, pp 83 - 87, KunMing, China, June 28-30, 2008.

10. Chuang T.T., Nakatani K. and **Zhou D.** (2007), "The impact of managerial characteristics of top management team on the extent of information technology adoption: an exploratory study with the upper echelon theory", *Proceedings of the Thirteenth Americas Conference on Information Systems*, pp -, Keystone, Colorado, USA, August 9-12, 2007.

11. Yin J., **Zhou D.** and Xie Q. (2006), "A Clustering Algorithm for Time Series Data", *Proceedings*

of the Seventh International Conference on Parallel and Distributed Computing, Applications and Technologies, pp 119-122, Taipei, Taiwan, December 4-7, 2006.

12. **Zhou D.,** Chuang T.T. and Nakatani K. (2006), "A conceptual data quality framework for collaborative commerce", *Proceedings of the Twelfth Americas Conference on Information Systems*, pp 412 - 417, Acapulco, Mexico, August 4-6, 2006.

13. Yu J., Yin J., **Zhou D.** and Zhang J. (2006), "A pattern distance-based evolutionary approach to time series segmentation," The International Conference on Intelligent Computing, YunNan, China, August 16-19, 2006. (Lecture Notes in Control and Information Science, Vol. 344, Springer Berlin /Heidelberg, pp 797-802).

14. **Zhou D.** and Kuo C. (2005), "Heterogeneous individual preference structures in group decision making", *Proceedings of the 9th World Multi- Conference on Systemics, Cybernetics and Informatics*, pp 173-177, Orlando, FL, USA, July 10-13, 2005.

15. **Zhou D.** and Huang W. (2004), " A fuzzy set approach to assessing e-commerce websites", *Proceedings of the Tenth Americas Conference on Information Systems*, pp 2376-2383, New York, New York, August 5-8, 2004.

16. **Zhou D.** (2003), "Multiple individual preference formats in group decision making", *Proceedings of the XIII ACME International Conference on Pacific Rim Management*, pp 127-131, Seattle, USA, July 31 - August 2, 2003.

17. **Zhou D.** (2002), "Fuzzy GDSS approach to group multiple criteria decision making", *Proceedings of the Eighth Americas Conference on Information Systems*, pp 253-257, Dallas, USA, August 9-11, 2002.

18. Ma J. Turban E, and **Zhou D.** (2002): "Evaluating Grades of Journals: A GDSS Approach", International Conference on Decision Making and Decision Support in the Internet Age, U. C. C, Ireland, July 3-7, 2002.

19. Liu O., Ma J., **Zhou D.** and Zhang Q. (2001), "A distributed DSS framework based on multi-agent paradigm and its implementation scheme", *Proceedings of the Seventh Americas Conference on Information Systems*, pp 295-297, Boston, MA, USA, August 3-5, 2001.

20. **Zhou D.,** Kwok R. C. W., Zhang Q. and Ma J. (2001), "A New method for student project assessment using fuzzy sets", *Proceedings of Joint IFSA World Congress and 20th NAFIPS International Conference*, Vancouver, Canada, July 25-28, 2001.

21. Ma J., Zhang Q., Fan Z., Liang J. and **Zhou D.** (2001), " An Approach to multiple attribute decision making based on preference information on alternatives," *Proceedings of the Thirty Forth Annual Hawaii International Conference on System Sciences,* Maui, Hawaii, USA, January 3-6, 2001.

22. Turban E., **Zhou D.** and Ma J. (2000), "A methodology for evaluating grades of journals: a fuzzy set based group decision support system," *Proceedings of the Thirty Third Annual Hawaii International Conference on System Sciences,* Maui, Hawaii, USA, January 5-8, 2000. Best Paper Nomination by the conference track of Organizational Systems and Technology.

23. **Zhou D.,** Ma J., Tian Q. and Kwok C. W. (1999), "Fuzzy group decision support system for project assessment," *Proceedings of the Thirty Second Annual Hawaii International Conference on System Sciences,* Maui, Hawaii, USA, January 5-8, 1999.

24. Ma J., Fan Z., Zhang Q. and **Zhou D**. (1999), "An approach to determine weights of criteria by using subjective and objective information," *Proceedings of the 5th Conference of the International Society for Decision Support Systems,* Melbourne, Australia, July 20-23, 1999.

25. Ma J., Long D., Jia W., Li S. and **Zhou D**. (1999), "Improving system security via hyper-codes password encryption," *Proceedings of the 1999 International Workshop on Cryptographic Technology and E-Commerce*, Hong Kong, July 5-8, 1999.

26. Tian Q., Ma J. and **Zhou D.** (1998), "A conceptual representation framework of decision models for model integration in DSS," *Proceedings of 4th Cross-Strait Conference on Information Management Development,* pp. 55-69, Hong Kong, August 19-21, 1998.

27. Tian Q., Ma J., **Zhou D.** and Huang L. (1998), "Integration of dynamic models in decision support systems," *Proceedings of the Second IEEE International Conference on Intelligent Processing*

Systems, pp. 281-284, Gold Coast, Australia, August 4-7, 1998.

28. **Zhou D.**, Ma J., Kwok C. W. , Tian Q. and Zhang F. (1998), "Fuzzy group decision support system for assessment of projects," *Proceedings of the Second IEEE International Conference on Intelligent Processing Systems,* pp. 340-343, Gold Coast, Australia, August 4-7, 1998.
29. Tian Q., Ma J. and **Zhou D**. (1998), "An object-oriented approach to structured modeling," *Effective Utilization and Management of Emerging Information Technologies: 1998 International Conference of the Information Resources Management Association*, pp. 406-413, Boston, Massachusetts, USA, May 17-20, 1998.
30. **Zhou D**., Ma J. and Kwok C. W. R. (1997), "A fuzzy set model for group decision making*," Proceedings of the 4th Conference of the International Society for Decision Support Systems,* Lausanne, Switzerland, pp. 629-637, July 21-22, 1997.

Book Chapters

1. Chuang T.T., Nakatani K. and **Zhou D**. (2006), "Collaborative Commerce", Encyclopedia of E-Commerce, E-Government, and Mobile Commerce, Idea Group, 2006, pp. 112-117.
2. **Zhou D**., Ma J. and Kwok C. W. R., "Application of fuzzy set theory for the assessment of problem-based learning," in J. R. Isaac, S. Gupta, M. S. Datta (Eds.) *Cognitive Systems: From Intelligent Systems to More Human Environments.* pp. 181-189, Tata McGraw-Hill, New Delhi, 1997.
3. Ma J., Kwok C.W. R. & **Zhou D**. "Group decision support system for assessment of projects in information systems", in David Kember, Bick-har Lam, Louisa Yan, Jessie C.K Yum. and Susan Blumberg Liu (Eds.), *Case Studies of Improving Teaching and Learning from the Action Learning Project*, pp. 23-29, Action Learning Project, Hong Kong. 1997.

INVITED SEMINAR PRESENTATIONS

1. School of Software, Nanchang University, Nanchang, China, 07/11/2015, "The U.S. Drug Supply Chain Security Act of 2013 and Its Information System Implementation."
2. School of Information Science and Technology, Zhongshan (Sun Yat-Sen) University, Guangzhou, China, 06/25/08, "Data Transparency in Collaborative Commerce."
3. Management Science Department, Nanchang University, Nanchang, China, 12/29/06, "Collaborative Commerce and Its Technological Foundation."
4. School of Information Science and Technology, Zhongshan (Sun Yat-Sen) University, Guangzhou, China, 12/14/06, "Data Quality in Collaborative Commerce."
5. Management School, Zhongshan (Sun Yat-Sen) University, Guangzhou, China, 12/29/05, "Collaborative Commerce."
6. Jiangxi Strong Digital Technology Company, Nanchang, Jiangxi, China, 12/26/05, "Technical Issues of Collaborative Commerce."

AWARD

2010 Faculty Merit Award (Research), EWU
2007 Research Excellence Award, College of Business and Public Administrative, EWU
2003 Research Excellence Award, College of Business and Public Administrative, EWU

PROFESSIONAL AND ACADEMIC MEMBERSHIPS

2001 - Present   Member of Association for Information Systems

PROFESSIONAL SERVICES

Reviewer for Academic Journals and International Conferences

Journals (selected)

Communication of ACM
Information & Management
IEEE Transactions on Systems, Man, and Cybernetics
IEEE Transactions on Fuzzy Systems
Decision Support Systems
International Journal of Electronic Business
Information Fusion
Journal of System, Cyber and Informatics
International Journal of Management and Decision Making
Interdisciplinary Journal of Knowledge and Learning Objects
Journal of Enterprise Information Management
Electronic Commerce Research and Applications

Conferences

International Conference on Information Systems (ICIS)
Pacific-Asia Conference on Information Systems (PACIA)
Americas Conference on Information Systems (AMCIS)

COMMITTEES

2014 – Present	EWU CBPA MBA Curriculum Committee
2014 – Present	EWU CBPA Business Undergraduate Program Committee
2012 – 2013	EWU CBPA MBA Curriculum Committee
2010 – 2012	EWU CBPA MBA Curriculum Committee (Chair)
2011 – 2012	Department Personnel Committee
2010 – 2011	Department Personnel Committee (Chair)
2009 – 2012	Riverpoint Technology Advisory Committee (Joint Committee of EWU and WSU)
2009 – 2010	Department Personnel Committee
2007 – 2010	EWU Academic Computing Committee
2006 – 2010	EWU CBPA MBA Curriculum Committee
2006	EWU College of Business and Public Administration Dean's search Committee
2004 – 2007	EWU Retirement and Insurance Committee
2002 – 2004	EWU University Academic Appeals Board
2001 – 2006	EWU CBPA College Technology Committee

RESEARCH/GRANTS

2008-2009 Faculty Research Grants, Eastern Washington University
2007 Summer Research Grants, College of Business and Public Administration, EWU

2006-2007 Faculty Research Grants, Eastern Washington University
2005-2006 Faculty Research Grants, Eastern Washington University
2003-2004 Faculty Research Grants, Eastern Washington University
2002-2003 Faculty Research Grants, Eastern Washington University

ADVISOR

03/2008 - 2011 EWU Chinese Student Association Faculty Advisor
01/2012 – 09/2012 Jianfeng Xu, Visiting Scholar (Associate Professor at Nanchang University, China)
02/2008 – 02/2009 Guoming Chen, Ph.D Student (Zhongshan University, China), co-advisor
04/2007 – 04/2008 Jingyu, Qiu, Ph.D Student (Zhongshan University, China), co-advisor
09/2005 - 09/2006 Jin Yin, Visiting Scholar (Professor at Zhongshan University)
09/2004 - 03/2005 Xiaocong Zhou, Visiting Scholar (Associate Professor at Zhongshan University)
2003-2005 Nasser Rafi, Master student, Computer Science, 2nd member

2001 – Present About one third MIS Major students