

# ***Curriculum Vitae***

## **JASON CHOU-HONG CHEN**

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Naturalized US citizen

### **CAREER OBJECTIVES**

Education to me is a career based on one's conscience, and I devoted my life in this direction. The followings are my career objectives:

Playing diverse roles of a teacher, a scholar, and an advisor successfully. Expanding knowledge and expertise to effectively contribute to the students, Gonzaga University and educational communities around the globe. Participating the professional organizations and editorials actively.

### **ACADEMIC BACKGROUND**

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| Ph.D., August 1985 | Ph.D. in Business Administration with the areas of Management Information Systems, Management Science and Computer Science, The University of Texas at Austin, Austin, Texas, USA. |
| M.S., August 1981  | Computer Science and Mathematics, Eastern Washington University, Cheney, WA.   |
| B.S., July 1975    | Mathematics, National Taiwan Normal University, Taipei, Taiwan.  |

### **ACADEMIC EXPERIENCE**

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|--------------------------------|--|
| September 2001 to Present      | Professor of the Management Information Systems, Gonzaga University, Spokane., USA.  |
| April 2014                     | Visiting Professor, Academy of Chinese Energy Strategy, China University of Petroleum (Beijing)<br><a href="http://www.cup.edu.cn/internationaloffice/en/faculdep/101430.htm">http://www.cup.edu.cn/internationaloffice/en/faculdep/101430.htm</a> |
| February 2014 to July 2014     | Visiting Professor of Management Information Systems, National Taipei University of Technology, Taiwan.  |
| May 2009 to Present            | Professor of the Management Information Systems, Gonzaga University, Spokane, USA.   |
| January 2009 to April 2009     | Professor of Business Administration, Florence program in Italy, Gonzaga University, Italy   |
| May 2005 to December 2008      | Professor and Coordinator of the Management Information Systems, Gonzaga University, Spokane. USA.   |
| February 2007 to July 2007     | Visiting Professor at College of Management, Fu-Jen Catholic University, New Taipei City, Taiwan   |
| January 2005 to April 2005     | Professor of Business Administration, Florence program in Italy, Gonzaga University, Italy.  |
| May 2003 to December 2004      | Professor and Coordinator of the Management Information Systems, Gonzaga University, Spokane, USA.   |
| February 2003 to May 2003      | Visiting Professor of Management Information Systems, <i>Beijing International EMBA</i> (BiEMBA) Program at Peking University, Beijing China.  |
| September 2001 to January 2003 | Professor and Coordinator of Management Information Systems, Gonzaga University, Spokane, USA.   |
| August 1999 to December 1999   | Visiting Associate Professor of Management Information Systems, <i>Beijing International MBA</i> (BiMBA) Program at Peking University, Beijing China.  |
| September 1991 to              | Associate Professor and Coordinator of Management Information Systems,   |

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| August 2001                   | Gonzaga University, Spokane, USA.  |
| September 1985 to August 1991 | Assistant Professor and the Founder of Management Information Systems, Gonzaga University, Spokane. USA.   |
| September 1984 to August 1985 | Assistant Instructor of Management Information Systems, Department of Management Science and Information Systems, University of Texas at Austin. |
| September 1981 to August 1985 | Teaching Assistant of Management Information Systems, Department of Management Science and Information Systems, University of Texas at Austin.   |
| September 1980 to August 1981 | Teaching Assistant of Mathematics and Computer Science, Eastern Washington University, Cheney, WA. USA.  |

## COURSES TAUGHT

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|---|--|
| Gonzaga University  | <p><b>Graduate courses:</b> Corporate Information Systems Management, Information Systems Theories and Practices, Database Management Systems, Electronic Commerce, Project Management, Decision Support Systems, Data Warehousing and Data Mining, Expert Systems, Business Intelligence, Business Applications with Object-Oriented Paradigm, Operations Research, Management System Engineering.</p> <p><b>Undergraduate courses:</b> Management Information Systems, Business Database Systems, Operations Management, Decision Support and Expert Systems, Operations and Supply Chain Management, Principles of Marketing, Electronic Commerce, Projects and Information Systems, Business Applications with Object-Oriented Paradigm, Computer Modeling and Simulations, Operations Management, Management Science.</p> |
| College of Management at National Taipei University of Technology | Information Systems: Strategy and Analytics  |
| International MBA program at Fu-Jen Catholic University, Taiwan   | Management Information Systems, MIS Research Seminar (Ph.D. students)  |
| Beijing International MBA and EMBA Programs                       | Corporate Information Systems Management   |
| University of Texas at Austin                                     | Introduction to Management Science, Introduction to EDP & BASIC Programming  |
| Eastern Washington University                                     | Basic Computer Programming Language, Calculus  |

## INTERNATIONAL CONSULTING AND INDUSTRY EXPERIENCE

Senior Consultant, Taskco.com, March, 2000 – August, 2001. Job responsibilities: performed marketing and technology development functions for major vertical marketplaces.

Boeing Business Faculty Fellowship, Summer, 1998. Project title: “*Development of Enterprise Computing Asset Management Process and Metrics*,” observed Boeing’s Information Systems operations in Auburn, Washington and provided suggestions for improving their internal performance.

The System Designer for an MIS project in China, 1992 – 1994 - A United Nation Development Program (UNDP) project, sponsored by the World Bank. Job responsibility: developing a Spark Program Management Information System (SPARK-MIS), a Rural Industrial Technology project for State Science and Technology Commission of Peoples' Republic of China (SSTCC). June 1992 to August 1994, Beijing, China.

## **PRIMARY AREAS AND INTERESTS OF RESEARCH, CONSULTING AND TEACHING:**

E-Commerce and E-Business: Models, Strategies and Applications Development; Strategic Information Systems; Corporate Information Systems Management; International Information Diffusion; Data Base Design and Implementation; Object-Oriented Modeling and Business Development; Knowledge Management, Decision Making and Decision Support; Mobile Learning and Organization; Revenue Creation and Management.

## **RESEARCH WORK**

### DOCTORAL DISSERTATION

"A Primal Simplex Approach to Pure Processing Networks," August 1985. Processing Network is a very special case of the network with side variables (NSV) problem. The objective of this dissertation is to develop computationally efficient variants (NSV algorithm tailed) to business applications with pure processing networks. A FORTRAN code is also implemented.

## **REFEREED JOURNAL ARTICLES AND PUBLICATIONS**

Hu, Ting-Chen, Jason C.H. Chen, Gino K. Yang \* and Cheng-Wei Chen (2019) "Development of a military uniform size system using hybrid support vector clustering with genetic algorithm", <https://www.mdpi.com/2073-8994/11/5/665/pdf>, *Symmetry* 11(5), 665; (<https://www.mdpi.com/journal/symmetry>) ; (Indexed in SCI Expanded etc.)  
DOI:10.3390/sym11050665

Chen, J.C.H., Kang, H.Y. and Wang, M.C., (2018). Integrating Feature Ranking with Ensemble Learning and Logistic Model Trees for the Prediction of Postprandial Blood Glucose Elevation. *Journal of Universal Computer Science*, Vol. 24 (6), pp. 797-812, ([http://www.jucs.org/jucs\\_24\\_6](http://www.jucs.org/jucs_24_6)) (Indexed in SCI etc.) DOI: 10.3217/jucs-024-06

Liu, Chung-Chu, Jason C.H. Chen and Che Cheong (2018). Perception Types of Home Buyers by Q Methodology: A Comparative Study of Hong Kong, Taiwan, and the U.S.A. *Singapore Economic Review*. 63(x) Forthcoming, <https://doi.org/10.1142/S0217590817430093> (Indexed in SSCI, EconLit etc.) <https://www.worldscientific.com/page/ser/abstracted-indexed>, (The SER is one of the oldest and most respected economics journals in the Asia-Pacific region)

Ma, Jian, Mingzhai Geng, Yun Chu and J.C.H. Chen. (2018) Wealth Effects of Merger and Acquisition on Acquiring Firms in Brazil. *International Journal of Information Systems & Social Change* (Indexed in Inspec and listed in Cabell's Directory), Vol. 9, No. 3, (Winter) 2018.

Chen, Jason and Napoleone Piani (2017). Research on Business Intelligence with Data Mining Applications. *International Journal of Business and Economics Research* Indexed in CKK scholar, DRJI, Journal Scholar Research Bible and WZB etc.), Vol. 6, No. 2, 2017, pp. 19-24.

Hsu, L. L., S.J. Chen, M. C. Chiu and J.C.H. Chen, "Determinants of successful online transactions – effects of transaction assurance seal and reputation rating affecting trust and purchase intention of consumers," *Human Systems Management* (indexed in Compendex/ EI), Vol. 34 (2), 2015, pp.105–118, DOI: 10.3233

Yunqiang Yin, Shuenn-Ren Cheng, John Y. Chiang, Jason C. H. Chen, Xuerong Mao, and Chin-Chia Wu," Scheduling Problems with Due Date Assignment," Editorial, Special Issue for *Discrete*

*Dynamics in Nature and Society (SCI-Expanded)*, Volume 2015 (2015), Article ID 683269,  
<http://www.hindawi.com/journals/ddns/2015/683269/>

Kadadevaramath, R.S., J.C.H. Chen and Mohan R Sangli, "Attitude of small and medium enterprises towards implementation and use of information technology in India- An empirical study," *International Journal of Business and Systems Research (Indexed in SCOPUS)*, Vol. 9, No.2, pp. 123-137, 2015.

Kao, T.Y, J.C. H. Chen, J.T.B. Wu and M.H. Yang, "Poverty Reduction through Empowerment: A Proactive Strategy of Corporate Social Responsibility," *Corporate Social Responsibility and Environmental Management (Indexed in SSCI)*, Vol. 21, Issue 4, DOI: 10.1002/csr.1365, 2014, <http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291535-3966>; Impact Factor: 1.69; ISI Journal Citation Reports © Ranking: 2012: 27/93 (Environmental Studies); 39/116 (Business); 55/174 (Management); ISSN: 1535-3966 (acceptance rate 5-15%).

Bai, Shuming, K. Kong and J.C.H. Chen "Gender Earnings Disparity in the U.S. Financial Sector: 2000-2012," *International Journal of Revenue Management (Indexed in SCOPUS)*, Vol 7, N3/4, 2013, pp. 244-267.

Shankar, B.L., S Basavarajappa, R.S Kadadevaramath and J.C.H. Chen (2013) "A bi-objective optimization of supply chain design and distribution operations using NDS algorithm: A case study," *Expert Systems with Applications Applications* (indexed in Science Citation Index - SCI), Vol. 40, No. 14, 2013, pp. 5730-5739.

Liu, Chung-Chu and J.C.H. Chen "Using Q methodology to explore user's value types on mobile phone service websites," *Expert Systems with Applications* (indexing with Science Citation Index - SCI), Vol. 40, No. 13, 2013, pp. 5276-5283.

Yang, M.H., J.C.H. Chen, C.L. Tsai, H.Y. Chao, "Investigating Collaborative Commerce System from The Perspective of Collaborative Relationship," *Journal of Electronic Commerce Research (Indexed in SSCI, Rank#4 in Quality E-Commerce journal,* [http://www.csulb.edu/journals/jecr/a\\_j.htm](http://www.csulb.edu/journals/jecr/a_j.htm)), Vol. 14, No. 1, 2013, pp75-88.

Shankar, Latha, Rajeshwar.S.Kadadevaramath and S Basavarajappa and J.C.H. Chen, "Constrained Optimization of Distribution Network using New Hybrid PSO Optimizer," *International Journal of Business and Systems Research (Indexed with SCOPUS)*, Vol. 7, No. 2, 2013, pp105-120.

Shankar, B.L., S. Basavarajappa, J.C.H. Chen, and R.S. Kadadevaramath "Location and allocation decisions for multi-echelon supply chain network - a multi-objective evolutionary approach," *Expert Systems With Applications*, (indexed in Science Citation Index - SCI), Volume 40, 2013, pp. 551-562.

Lai, R.S.Q, L.L. Hsu and J.C.H. Chen "Green Information System with ICT Platform and Implementation," *Human Systems Management (indexed in Compendex/EI)*, <http://www.iospress.nl/journal/human-systems-management/> Vol. 31, 2012, pp 111-121.

Yang, M. H., T.L. Koo and J.C.H. Chen, "A Control Mapping Data Model for Internal Controls Construction in Database Design," *International Journal of Knowledge-Based Organizations (IJKBO)*, Vol. 4, No. 3, 2012, pp. 52-60.

Kadadevaramath, R.S, J.C.H. Chen and K.M. Mohanasundaram "Application of Particle Swarm Intelligence Algorithms in Supply Chain Network Optimization," *Expert Systems With Applications*, (indexed in Science Citation Index - SCI), Volume 39, Issue 11, pp. 10160-10176, September 2012.

Liu, Chung-Chu and J.C.H. Chen "Developing and prioritizing measures of emotional capital in public service organizations," *International Journal of Information Systems in the Services Sector (Indexed in INSPEC)*, Vol. 4, No. 3, August, 2012, pp. 53-60..

Chen, J.C.H., J. Penn, and R. D. Terrell "A New and Efficient Tree Pruning Method and its Applications to Work Flow-Based PPN Nets for Financial Controls," *International Journal of Information and Decision Sciences (IJIDS)*, Vol. 3, No.2, 2011, pp. 128 – 147,

Chou, Tung-Hsiang, L.L. Hsu, and J.C.H. Chen "The ubiquitous service-oriented design," *International Journal of Mobile Communication (indexed in SSCI and EI)*, Vol.8, No.4, 2010, pp.451-467.

Yang, Ming-Hsien, J.C.H. Chen, C.H. Wu, and HY Chao "On Characteristics Influencing Consumer's Intention to Use Web-based Self-Service," *Human Systems Management (indexed in Compendex/ EI)*, Vol. 29, No. 1, 2010, pp.41-49.

Chuang, T.T., Bret Beresford-Wood, J.C.H. Chen and B. Lin, "Cooperate to Compete in the Health Care Industry: A Case Study with Knowledge Management Approach," *International Journal of Learning and Intellectual Capital (IJLIC)*, (Vol. 6, 2009)

Chao, R.M., Huang, S.Y. Chen, J.C.H. and J.N. Chang "Development of STS Collaborative Tutoring Strategy to meet U-Learning Environment," *International Journal of Mobile Learning and Organisation (IJMLO)*, Vol. 3, No.4, 2009, pp.366-380.

Hsu, L.L., Chiu, C.M., Chen, J.C.H., and Liu, C.C., "The impacts of supply chain management systems on information sharing and integrated-performance," *Human Systems Management (indexing with EI)*, Vol. 28, No. 3, 2009, pp. 101-121.

Hsu, Li-Ling, J.C.H Chen and C.C. Weng "Measuring Social Influence, User Perception, Innovation Attributes and User Satisfaction in the ERP Context," *International Journal of Business and Systems Research (IJSR)*, Vol. 3, No.4, 2009, pp. 413-436.

Chen, J.C.H. and P. Chong, "Strategy and Information Management in the Innovative Era," Editorial, Special Issue for *International Journal of Technology and Management (IJTM-SSCI&SCI)*, Vol. 43, Nos. 1/2/3, 2008, pp. 1-3.

Chong, P. and J.C.H. Chen, "Infomeme and Infonome: In search of knowledge DNA," *International Journal of Technology Management (IJTM-SSCI&SCI)*, Vol. 43, Nos. 1/2/3, 2008, pp. 18-29.

Chong, P. and J.C.H. Chen, "Domain Knowledge and Communications: A Framework for Mobile Learning and Organizations," *International Journal of Mobile Learning and Organisation (IJMLO)*, Vol. 1, No. 3, 2007, pp. 217-227.

Tsai, M.C., K-H. Shih, and J.C.H. Chen, "A Comparison of the Service Quality of Fast-food Chain Franchises– Assessing Customers' Perspectives in an Emerging High-Tech Industrial City," *International Journal of Services and Standards (IJSS)*, Vol. 2, No. 2, 2007, pp. 222-238.

Chiang, W, J. Shang, J.C.H. Chen, "Value Chain Management," Editorial, Special Issue for *International Journal of Manufacturing Technology and Management (IJMTM)*, Vol. 12, No. 4, 2007, pp. 311-313.

Tsai, M.C., S.P. Lin, S-Y Lin, M. Chang, and J.C.H. Chen, "The Relative Efficiency of Decision Making Units : A Case Study of TFT-LCD Industry in Taiwan," *International Journal of Business and Systems Research (IJSR)*, Vol. 1, No. 2, 2007, pp. 182-199.

Chuang, T.T., N. Kazuo, J.C.H. Chen, and I Huang, "Examining the Impact of Organizational and Owner's Characteristics on the Extent of E-Commerce Adoption in SMEs," *International Journal of Business and Systems Research (IJBSR)*, Vol. 1, No. 1, 2007, pp. 61-80.

Chen, J.C.H. and W. Chiang, Editorial, *International Journal of Revenue Management (IJRM)*, Vol. 1, No. 1, 2007, pp.1-4.

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Chiang, W-C. J.CH. Chen and X. Xu, "An Overview of Research on Revenue Management," *International Journal of Revenue Management (IJRM)*, Vol. 1, No. 1, 2007, pp.97-129.

Shih, K.H., H.J. Chen, and J.C.H. Chen, "Assessment of sustainable development and knowledge of environmental management: internal auditors' perspectives," *Industrial management and Data Systems (IMDS-SCI expanded)*, Vol. 106, Nos. 5/6, 2006, pp.896-909.

Cameron E. M., J.C.H. Chen, and B. Lin, "Organizational Knowledge and Learning: Leveraging IT to Accelerate the Creation of Competitive Advantages," *International Journal of Innovation and Learning (IJIL)*, Vol. 3, No. 3, 2006, pp. 254-266.

Chen, J.C.H., L. Parker, and B. Lin, "Technopreneurship in Native American Businesses: Current Issues and Future Trends with A Case Study," *International Journal of Management and Enterprise Development (IJMED)*, Vol. 3, Nos. 1/2, 2006, pp. 70-84.

Chen, J.C.H. "Knowledge Management and Decision Making in the Internet Age," Editorial, *International Journal of Management and Decision Making (IJMDM)*, Volume 7, No. 1, 2006, pp. 1-2.

Chen, J.C.H., S. Chiniwar, B. Lin, and P. Chen, "Security in e-Business and Beyond: Current Situations and Future Trends with a Case Study," *International Journal of Mobile Communication (IJMC-EI)*, Volume 4, No. 1, 2006, pp. 17-33.

Chiu, Ruey-Kei and J.C.H. Chen, "A Generic Gateway Service Model for Secure Electronic Business Data Interchange: Current Issues and Future Trends with a Case Study," *Industrial management and Data Systems (IMDS-SCI expanded)*, Vol. 105, Nos. 5/6, 2005, pp. 662-681.

Ngudup, P. B. Lin, and J.C.H Chen, "E-Commerce in Nepal: A Case Study of an Under Developed Country," *International Journal of Management and Enterprise Development (IJMED)*, Vol. 2, Nos. 3/4, 2005, pp.306-324.

Chen, J.C.H. "Combating the Rapid Pace of Price Declines in the High Tech Industry," Editorial, *International Journal of Technology Marketing (IJTMkt)*, Vol.1, No.1, 2005, pp.13-14.

Hough, C.B.H., J.C.H. Chen and B. Lin, "Virtual Health/Electronic Medical Record: Current Status and Perspective," *International Journal of Healthcare Technology and Management (IJHTM)*, Vol. 6, No. 3, 2005, pp. 257-275.

Miyakawa, A., B. Lin, and J.C.H. Chen, "Electronic Monitoring: Alternative Supervision in Criminal Justice System," *International Journal of Technology Management (IJTM – SSCI&SCI)*, Vol. 31, Nos. 1/ 2, 2005, pp. 176-195.

Chen, J.C.H, P. P. Chong, K. Gering, and T.T. Chuang "Improve Customer Service through Organizational Learning – A Case Study," *International Journal of Innovation and Learning (IJIL)*, Vol. 2, No.1, 2005, pp. 79-88,

Hedin, S., C. Barnes and J.C.H. Chen, "AACSB 2003 Accreditation Standards: Impact on Continuous Quality Improvement," *International Journal of Services and Standards (IJSS)*, Vol. 1, No. 3, 2005, pp. 358-378.

Chen, J.C.H., M. Dolan and B. Lin, "Improve Processes on Healthcare: Current Issues and Future Trends," *International Journal of e-Healthcare*, Vol.1, No.2, 2004, pp.149-164.

Chen, J.C.H., R.W. Holt, and D.B. Sun, "End User Computing: A Management Perspective," in Mehdi Khosrow-Pour (Edited) *Encyclopedia of Information Science and Technology*, Idea Group Inc., Vol. I-V, 2004, pp.2230-2235.

Chen, J.C.H., W.R. Chen, and P.P. Chong, "Knowledge Management and Competitive Environment: A Case Study," *Communications of the International Chinese Information Systems Association (CICISA)*, Volume VI. No. 2, Winter 2004, pp.50-57.

Chen, J.C.H., L. Volk and B. Lin, "Virtual Collaboration in the Workplace," *Issues in Information Systems*, Vol. V. No, 1, 2004, pp.77-83.

Zhang, Q., J.C.H. Chen, and P.P. Chong "Decision Weights Consolidation: Determining Weights of Criteria by using Multiple Preference Formats," *Decision Support Systems (DSS- SCI-Expanded)*, Vol. 38, No. 2 pp 247-258, 2004.

Ferguson, T., B. Lin and J. C.H. Chen "Leveraging The Work Force using Information Technology: A Financial Service Case Study," *International Journal of Management and Enterprise Development (IJMED)*, Vol. 1 No 4, 2004, pp.316-332.

Chen, J.C.H., B. Lin, L. Li, and P. Chen, "Logistics Management in China – A Case Study of Haier," *Human Systems Management (EI)*, Vol. 23, No. 1, 2004, pp.15-28.

Ogawara, S., J.C.H. Chen, and Q. Zhang, "Internet Grocery Business in Japan: Current Business Models and Future Trends, " *Industrial Management and Data Systems (IMDS-SCI expanded)*, Vol. 103 No. 9, 2003, pp. 727-735.

Zhang, Q., J.C.H. Chen, Jian-Ma, and Duan-Ning Zhou, "Multiple Attribute Decision Making: Integrating Subjective and Objective Information Approach," *International Journal of Manufacturing Technology and Management (IJMTM-EI)*, Vol. 5, No. 4, 2003, pp. 338-361.

Daniel, A., B. Lin, and J.C.H. Chen, "Development Strategies for Customer Relationship Management Solutions, " *Issues in Information Systems*, Vol. III, No.1, 2003, pp.115-121.

Chen, J.C.H. "Strategic Direction for Beijing Tiptop International Apartment project," *Successful Marketing*, May, 2003, pp. 60-62, Beijing, China (Chinese Edition).

Chong, P.P., M. Chang, T.T. Chuang, and J.C.H. Chen "Optimal Purchase Decision Criteria for Information Technology" in Gerry Gingrich (edited) *Managing IT In Government, Business & Communities*, Idea Group Inc., 2003, pp.15-26.

Ogawara, S., J.C.H. Chen, and P.P. Chong "Mobile Commerce: the Future Vehicle of E-Payment in Japan?," *Special Issue of the Journal of Internet Commerce*, Vol. 1, No. 4, 2002, pp.29-41.

Chen, J.C.H., H. Xu, P.P. Chong, and P. DeVries "On-line Education in China: Past, Present, and Future," *Communications of the International Information Management Association (IIMA)*, Vol. 2, Issue 3, 2002, pp. 80-85.

Chong, P.P., E. Chen, and J.C.H. Chen, "E-Procurement in Taiwan: Issues and View Points," *Review of Pacific Basin Financial Markets and Policies*, Vol. 5, No. 4, 2002, pp. 521-531

Chen, J.C.H., "Enterprise Computing Asset Management: A Case Study," *Industrial Management and Data Systems (IMDS-SCI expanded)*, Vol. 102 No. 2, 2002, pp.80-88.

Chen, J.C.H., P.P. Chong, and Y.S. Chen "Decision Criteria Consolidation: A Theoretical Foundation of Pareto Principle to Michael Porter's Competitive Forces," *Journal of Organizational Computing and Electronic Commerce (SCI)*, Vol. 11, No. 1, 2001, pp. 1-14.

Ho, Cina and J.C.H. Chen, "The Prospect of B2B E-Commerce in China's Internet Industry," *Business Forum*, Vol. 24, Nos. 3,4, 2001, pp.62-69.

Coutto, L. and J.C.H. Chen "The Evolution Beyond Objects: Software Components," *Issues in Information Systems*, Vol. II, 2001, pp. 57-63.

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Chen, J.C.H., P.P. Chong, and N. Chase "E-commerce: From B2C to B2B and Beyond," *Communications of the International Chinese Information Systems Association (CICISA)*, Volume III. No. 1, Summer 2000, pp.11-17.

Chen, E., P.P. Chong, and J.C.H. Chen "Time Management in GDSS: A Satisficing Model," *Journal of Management Research News*, Vol. 17, No. 7/8, 1998.

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Chen, J.C.H., "Introduction to Artificial Intelligence and Expert Systems," *MIS REVIEW*, Vol. III, pp. 113-127, December, 1991, English Edition, Published in Taipei, Taiwan.

Chen, J.C.H., M. Engquist, and M. Chang "An Improved Primal Simplex Variant for Pure Processing Networks," *Association of Computing Machinery Transaction on Mathematical Software*, Vol. 15, No. 1, March 1989, pp. 64-78.

Chen, J.C.H., and M. Engquist "A Primal Simplex Approach to Pure Processing Networks," *Management Science(SCI)*, Vol. 32, No. 12, December 1986, pp. 1582-1598.

Engquist, M., and J.C.H. Chen "Computational Comparison of Two Solution Procedures for Solving Allocation Processing Networks," *Mathematical Programming Study*, (26), 1986, pp. 218- 220, North-Holland.

## TEXT BOOKS AND BOOK CHAPTERS PUBLICATIONS

Hwang, G.J. and J.C.H. Chen "A Learning Portfolio Management System for Analyzing Student Web-based Problem-Solving Behaviors" in J. Liebowitz and M. Frank (edited) Knowledge Management and E-Learning, Taylor & Francis/CRC Press, (November, 2010, Chapter 6, ISBN-13: 978-1439837252, pp.81-92),

Kadadevaramath, R.S., J.C.H.Chen and K.M. Mohanasundaram "Achieving Alignment In Production And Logistics Operations In Three Echelon Supply Chain Network Through New Heuristic Optimizer", Book Chapter, "Enterprise Information Systems and Implementing IT Infrastructures: Challenges and Issues", Edited by Parthasarathy, Business Science Reference, ISBN-13: 978-1615206254,Chapter 19, 2010, pp. 278-303.

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Chong, P.P. and J.C.H. Chen, *Building Decision Support Systems Using Visual IFPS/Plus*, Pearson Custom Publishing, Second Edition, 2000.

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## CITATIONS

*International Bibliography of Economics 2003 (International Bibliography of Economics/Bibliographie Internationale De Science Economique)* by British Library of Political and Economic Science (Hardcover - Dec 29, 2004); page 66 on Chong, P.P., E. Chen, and J.C.H. Chen, "E-Procurement in Taiwan: Issues and View Points," *Review of Pacific Basin Financial Markets and Policies*.

## REFEREED CONFERENCE PROCEEDINGS

"Measuring and prioritizing aesthetics of mobile phone usage through users' perspectives" 2019 International Conference of Management and Education (MAE 2019), July 4-7, Japan.

"Developing an Integrated Classification Model for Postprandial Blood Glucose: A Cohort Study," Chi-Chang Chang, Jason C.H. Chen, Fong-Jung Yu and Chi-Jie Lu, , 2018 International Conference on Healthcare Service Management (ICHSM, <http://www.ichsm.org/>) June 8-10, 2018 Tsukuba, Japan

"Research on Business Intelligence with Data Mining Applications," 2017 2<sup>nd</sup> International Conference on Business and Economics, with Napoleone Piani, July 27-28, 2017, Suzhou, China.

"The Perception Types Of House Buyers by Q Methodology: An Empirical Research," The 11<sup>th</sup> Biennial Conference of Asian Consumer and Family Economics Association (ACFEA), with Chung-Chu Liu, July 7-10, 2016, Hong Kong, China

"Wealth Effects of Merger and Acquisition on Brazil Acquiring Firms," The 6th AIB-LAT Annual Conference (<http://www.aiblat2016.com/>), with Jianyu-Yu Ma, Mingzhai Geng and Yun Chu, February 18-20, 2016, São Paulo, Brazil.

“Investigating consumers’ adoption intention of wearable devices from the perspective of consumer perception,” International Conference on Information Management, with Tzu-Yin Chen, Pei-I Hsiao and Ming-Hsien Yang, May 23, 2015, Taipei, Taiwan

“The Study of Collaborative Information Systems for Promoting Relationship Quality,” The 2013 International Conference on Medical Innovation and Computing Service (MICS) with Chang-Tang Chiang and M.H.Yang, August 3-4, 2013, Tainan, Taiwan.

“An update on Internet Fraud Occurrences in the United States” Southwest Decision Sciences Forty-Fourth Annual Conference, with Koong Kai, March 12-16, 2013, Albuquerque, New Mexico.

“Developing a System to Promote Collaborative Relationship Quality” International Conference on Information Technologies and Practices, with Chang-Tang Chiang and M.H.Yang, March 15, 2013, Taipei, Taiwan.

“Investigating Collaborative Commerce System from the Perspective of Collaborative Relationship Development” International Conference on Innovation and Management (IAM 2012) – Best Paper Award, July 15-18, 2012, Republic of Palau, with Ming-Hsien Yang, Cheng-Lun Tsai and Hong-Yi Chao.

“A Case Study on Green Information Systems,” 19<sup>th</sup> American Society of Business and Behavioral Sciences, February 23-26, 2012, Las Vegas, NV, USA, with R.S.Q. Lai, L.L. Hsu and Michael Chang.

“A Control Mapping Data Model for Internal Controls Construction in Database Design,” International Conference on Information Management (ICIM), May 21, - 22, 2011, Chao-Yang Polytech University, Taiwan, with M.H. Yang and T.L. Koo.

“On Characteristics Influencing Consumer’s Intention to Use Web-based Self-Service,” Proceedings of the International Conference on Pacific Rim Management, July 30-August 1, 2009, San Francisco, CA, USA, with Yang, MH, Wu, CH and Chao, HY.

“Service Guarantee Level and Economic Payout Optimization,” Proceedings of the International Conference on Pacific Rim Management, July 12-14, 2007, Las Vegas, N.V., USA, with Cai, G., Chiang, W., and Xu, X.

“On the Relationship of Online Shopping Web Site’s Ethical Performance and Consumer Trust,” Proceedings of the International Conference on Pacific Rim Management, July 12-14, 2007, Las Vegas, N.V., USA, with Yang, M.H., Chandrees, N. and Hung-Yi Chao, H.Y.

“A Comparison of the Service Quality of Fast-food Chain Franchises: a case study,” Management International Conference, Portoroz, Slovenia, Nov. 22-25, 2006, with Tsai, M.C. and Shih, K-H

“An overview of the Research on Revenue Management,” Proceedings of the International Conference on Pacific Rim Management, July 27-29, 2006, Honolulu, Hawaii, with Wen Chiang and Xiaojing Xu.

“The Impact of Organizational and Owner’s Demographic Characteristics on the Extent of E-Commerce Adoption in SMEs,” Proceedings of the International Conference on E-Commerce and Digital Life, February 10-12, 2006, Taipei, Taiwan, with T.T. Chuang, K. Nakatani,

“The Relationship between Hierarchical and Entity-Relationship Modeling Through A Decomposability View,” Proceedings of the International Association of Computer Information Systems (IACIS) Conference, October 5-8, 2005, New Orleans, LA, with Pete P. Chong, Ye-Sho Chen and Binshan Lin.

“Revenue Management Analyst Priority Test: A Case Study in Car Rental Industry” Proceedings of the International Conference on Pacific Rim Management, July 28-30, 2005, San Diego, CA, with Montgomery Blair, Young-Jou Lai, Wen Chiang.

“Information Collection Weeding: An Application of Pareto Principle,” Proceedings of the International Association of Computer Information Systems (IACIS), Pacific Conference, May 19-21, 2005 Taipei, Taiwan, with Pete P. Chong and Ye-Sho Chen

“An Effective Refresh Mechanism toward an Integrated Database Construction,” Proceedings of the International Association of Computer Information Systems (IACIS), Pacific Conference, May 19-21, 2005 Taipei, Taiwan, with Sheng-Chi Chen and Ruey-Kei Chiu.

“Multi-Criteria Stock Selection: An AHP Approach,” Proceedings of the Conference of Association for Chinese Management Educator (ACME), July 29 – July 30, 2004, Chicago, IL, with Komil Talib-oglu Ahmetov and W.C. Chiang.

“Organizational Knowledge and Learning: Leveraging IT to Accelerate the Creation of Competitive Advantages,” *Proceedings of the Conference of Association for Chinese Management Educator (ACME)*, July 29 – July 30, 2004, Chicago, IL, with Cameron E. Melton and Binshan Lin.

“Leveraging the Existing Work Force: A Case Study with IT Perspective,” *Proceedings of the Conference of Association for Chinese Management Educator (ACME)*, July 31 – August 2, 2003, Seattle, WA, with Tyler Ferguson and Binshan Lin.

“Knowledge Management: The Trend of Knowledge Economy,” *Proceedings of the Conference of Association for Chinese Management Educator (ACME)*, July 31 – August 2, 2003, Seattle, WA, with Wen-Chi Chao and Q. Zhang.

“Cooperate of Compete in the Health Care Industry: A Knowledge Management Approach,” *Proceedings of the Conference of Association for Chinese Management Educator (ACME)*, July 31 – August 2, 2003, Seattle, WA, with T.T. Chuang.

“Internet Grocers in Japan: Current Business Models and Future Trends,” *Proceedings of the Thirty-Fourth Southwest Decision Sciences Institute Annual Conference*, March 6-8, 2003, Houston, Texas, with Sachiko Ogawara and Quan Zhang.

“The Information Age and Why IT Projects Must Not Fail,” *Proceedings of the Thirty-Fourth Southwest Decision Sciences Institute Annual Conference*, March 6-8, 2003, Houston, Texas, with Phil Latendresse.

“Managing a Successful Object-Oriented Transition: A Survival Kit in the Information Age,” *Proceedings of the International Business & Economics Research (IBER) Conference*, October 7-11, 2002, Las Vegas, NV, with Yong Zhang, P. Chong, and M. Chang.

“On-line Education in China,” *Proceedings of the Conference of International Information Management Association*, October 10-12, 2002, Savannah, GA, with Xu Hong and Pete Chong.

“The Effects of e-Business on Supply Chain Management: A Model Analysis,” *Proceedings of the Conference of Association for Chinese Management Educator (ACME)*, August 1-3, 2002, Los Angeles, CA, with M. Chang and P.P. Chong.

“Optimal Information Technology Purchase Decision: A Factor Rating Approach,” *Proceedings of the International Conference of Information Resource and Management Association (IRMA)*, May 19 - 22, 2002, Seattle, WA, with Pete Chong, and D. Chang.

"Electronic Settlement in Japan: Its Current Situation and Future Trend," *Proceedings of the Western Decision Sciences Institute Thirty-First Annual Meeting*, April 2-5, 2002, Las Vegas, Nevada, with S. Ogawara, S. and P.P. Chong,

"Knowledge Management and E-Business: Andersen's Success and its Competitive Environment," *Proceedings of The Thirty-Third Annual Conference of the Southwest Decision Sciences Institute*, March 5-9, 2002, St. Louis, Missouri, with Wei-Ru Chen and Pete Chong.

"Knowledge Management and E-Business: Andersen's Success and its Competitive Environment," *Proceedings of the First Annual Meeting of the Federation of Business Disciplines (FAD)*, March 5-9, 2002, St. Louis, Missouri, with Wei-Ru Chen and Pete Chong

"Customer Relationship Management (CRM) and e-Commerce," *Proceedings of the First International Conference on E-Business*, Hong Kong, December 19 - 21, 2001, with Alisa Chatranon, Pete Chong, and Ye-Sho Chen.

"The Pareto Principle: the Phenomena, Theory, and Applications," *Proceedings of the International Conference of Pacific Rim Management*, Toronto, Canada, August 2-5, 2001. with Pete Chong, and Nancy Chase.

"Business-to-Business: A Supplier's View," *Proceedings of the Sixth Asia-Pacific Decision Sciences Institute Conference*, Singapore, July 18 – 21, 2001, with Steve Lederer.

"Enterprise Computing Asset Management: An Enterprise Model," A Table Topic of Enterprise Resource Planning II, The 31st National Decision Sciences Institute Conference, Orlando, FL, (November 19-22, 2000), with Pete Chong and Wen-Chyuan Chiang.

"Total Cost of Ownership: A Desktop Computing Asset Management Approach," *Proceedings of the International Association for Computer Information Systems 2000 Conference*, Las Vegas October 4-8, 2000, with Pete Chong and Wen Chiang.

"Linear Search Efficiency Assessment Heuristics: A Pareto Principle Approach," *Proceedings of the 30th National Decision Sciences Institute Conference*, New Orleans, November 20-23, 1999, with Pete Chong and Y.S. Chen.

"Design of International Manufacturing and Distribution Network: A Multi-period Global Supply Chain Problem," *Proceedings of the 29th National Decision Sciences Institute Conference*, Las Vegas, NV, November 21-24, 1998, p. 1346-1348, with Chiang and Kouvelis.

"Information Technology, Job Design & Reengineering in the Organization," *Proceedings of the International Association for Computer Information Systems (IACIS) Conference*, Cancun, Mexico, October 1 – 3, 1998.

"An Efficient Heuristic For the U-Line Assembly Line Balancing Problem in the Just-In-Time Production Environment," *Proceedings of the National Decision Sciences Institute Conference*, San Diego, CA, November 22-25, 1997, p. 1126-1128, with Chiang and Kouvelis.

"A computer-Based Information System in The Auction House Environment," *Proceedings of the International Association for Computer Information Systems*, Las Vegas, USA, September 26-28, 1996, p. 611-618, with Elinor Block.

"Solving Unidirectional Flow Path Design Problems for Automated Guided Vehicle Systems Using Tabu Search Based Heuristics," *Proceedings of the Decision Sciences Institute*, Honolulu, Hawaii,

November 1994, pp.1740-1742, with W. Chiang and P. Kouvelias.

"Decision Support Systems From Spreadsheet to Modeling Language: An Evaluation of Three DSS Packages From A Business Perspective," *Proceedings of the Annual Conference of the International Association for Computer Information Systems*, Las Vegas, Nevada, September 30-October 2, 1993, pp. 255-258, with John Peterson and Wen-Chyuan Chiang.

"Linear Single-Row Machine Layout Problems in Automatic Manufacturing Systems," *Proceedings of the Conference of the Decision Sciences Institute*, San Francisco, CA, November 1992, pp. 1280-1283, with Wen-Chyuan Chiang and Panagiolis Kouvelias.

"Designing a Graphical User Interface for Network Models," *Proceedings of the Conference of the Decision Sciences Institute*, Miami, FL (November 1991), pp. 1186-1189, with M. Chang, T.L. Liu and S. Ho.

"Executive Information Systems - Make Life Easy for The Executives," *Proceedings of the Conference of the Annual International Association for Computer Information Systems (IACIS)* Conference, San Francisco, CA, October 1991, pp. 201-207, with M. Chang, C. Chiang, and S. G. (Kathy) Chen.

"Adding Knowledge to an Optimization-Based Decision Support Systems," *Proceedings of the Conference of the Annual Association for Computer Educator (ACE)*, Minneapolis, MN, October 1990, pp. 64-70.

"Bridging The Gap Between Modeling and Data Handling In An Optimization-Based Decision Support Systems," *Proceeding of the Conference of the Decision Sciences Institute*, New Orleans, LA, November 1989, pp. 292-294, with M. Chang and W. Chiang

"Building a Better Generalized Network Solver for Decision Support Systems," *Proceedings of the Conference of the Decision Sciences Institute*, New Orleans, LA, November 1989, pp. 1149-1152, with M. Chang

"Building a Computer-Aided Network Model Solver for Teaching Network Modeling," *Proceedings of the Conference of the Thirteenth Western Educational Computing Conference*, Burlingame, CA, November 1989, pp. 1-4, with M. Chang

"Using An Enhanced Optimization-Based Decision Support System in the Business Decision-Making Process: An Instructional Perspective," *Proceedings of the Thirteenth Western Educational Computing Conference*, Burlingame, CA, November 1989, pp. 63-66, with M. Chang, W. Chiang, and D. Sun

"Building An Informative Environments in a Model-Based Decision Support System," *Proceedings of the Beijing International Symposium For Young Computer Professionals*, Beijing, China, August 1989, pp. 203-208, with M. Chang and W. Chiang

## CONFERENCE PRESENTATIONS

"The Study of Collaborative Information Systems for Promoting Relationship Quality," The 2013 International Conference on Medical Innovation and Computing Service (MICS), Aug. 2-Aug. 4, 2013, Tainan, Taiwan, with Chiang, C.T., and Yang, M.H.

"An Update on Internet Fraud Occurrences in the United States," Federation of Business Disciplines, 40<sup>th</sup> Annual Meeting, March 12 – 16, 2013, Albuquerque, New Mexico, with Kai Koong.

"Revenue Management Planning at Taiwan High Speed Rail," INFORMS National Conference, Nov. 4-Nov. 7, 2007, Seattle, WA, USA, with Chang, S.C., Chiang, W., and Wang, C.K.

"The Assessment of Future Information Technology Needs of Perspective Employers for University Graduates," presented at INFORMS National Conference, New Orleans (October 29- November 1, 1995) with P. Pete

"A Theoretical Application of Pareto Principle to Michael Porter's Competitive Forces," presented at INFORMS National Conference, New Orleans (October 29- November 1, 1995) with P. Pete Chong and Ye-Sho Chen

"Project Evaluation for China's Spark Program," presented at ORSA/TIMS International Conference XXXII, Anchorage Alaska (June 12-15, 1994) with D. Bruce Sun.

"An Enhanced Network Optimization System: A Rule Based Approach," presented at ORSA/TIMS Joint National Conference, Philadelphia (October 1990).

"NetDSS: A Model-Based Decision Support Systems for Network Optimization," presented at TIMS XXIX - OSAKA International Conference, Osaka, Japan (July 1989) with M. Chang.

"Logic Programming Approach to Pure Network," presented at ORSA/TIMS National Conference, Washington, D.C. (April 1988) with M. Chang.

"GRNET-A: A Generalized Network Solver on IBM Mainframe," presented in ORSA/TIMS National Conference, Washington, D.C. (April 1988).

"Solving Multi-period Processing Networks," presented at ORSA/TIMS National Conference, Miami Beach (October 1986) with M. Chang.

"A New Technique for Solving Pure Processing Networks," presented at ORSA/TIMS National Conference, Los Angeles (April 1986).

"An Iterative Network Heuristic for Solving Processing Networks," presented at ORSA/TIMS National Conference, Dallas (November 1984).

"New Primal Simplex Variant for Generalized Processing Networks," presented at ORSA/TIMS National Conference, Orlando (November 1983).

"Improved Start Procedures for Processing Networks," presented at ORSA/TIMS National Conference, Chicago (April 1983).

"Efficient Tree Handling Procedures for Allocation/Processing Networks," Research Report CCS 437, Center for Cybernetic Study, The University of Texas, Austin, Texas (December 1982).

## ACADEMIC ORGANIZATION

Editor-in-Chief, *International Journal of Business and Systems Research (IJBSR)*, 2006-present,  
<http://www.inderscience.com/ijbsr>

Editor-in-Chief, *International Journal of Revenue Management (IJRM)*, 2005-present,  
<http://www.inderscience.com/ijrm>

Editor-in-Chief, *International Journal of Mobile Learning and Organisation (IJMLO)*, 2005-2015,  
<http://www.inderscience.com/ijmlo>

Co-guest editors, special Issue on “Scheduling Problems with Due Date Assignment (SDDA).” *Discrete Dynamics in Nature and Society (indexed with SCI Expanded)*, Hindawi Publishing Corporation, <http://www.hindawi.com/journals/ddns/ai/>, 2015.

Founding Editor, *Interdisciplinary Journal of Information, Knowledge and Management (IJIKM)*, <http://www.IJIKM.org>

Co-guest editors, special Issue on “Strategy and Information Management in the Innovative Era,” for *International Journal of Technology Management (IJTMDM – EI journal)*, 2004-2006, <http://www.inderscience.com>

Co-guest editors, special Issue on “Value Chain Management,” for *International Journal of Manufacturing Technology and Management*, 2004-2006, <http://www.inderscience.com>

Guest editor, special Issue on “Knowledge Management and Decision Making in the Internet Age,” for *International Journal of Management and Decision Making (IJMDM)*, 2003-2005, <http://www.inderscience.com>

Editorial Advisory Board - *Industrial Management and Data Systems (IMDS)*, 2003-2005, [www.emeraldinsight.com/imds.htm](http://www.emeraldinsight.com/imds.htm)

Editorial Board - *International Journal of Innovation and Learning (IJIL)*, 2003-2006, [www.inderscience.com](http://www.inderscience.com)

Editorial Board – *International Journal of Management and Decision Making (IJMDM)* 2004-present, [www.inderscience.com](http://www.inderscience.com)

Editorial Board – *International Journal of Technology Marketing (IJTMKT)*, 2004- 2010, [www.inderscience.com](http://www.inderscience.com)

Editorial Board - *International Journal of Information Systems and Change Management (IJISCM)* 2004-2010, [www.inderscience.com/ijiscm](http://www.inderscience.com/ijiscm)

Editorial Board - *International Journal of Strategic Change Management (IJSCM)* 2005-present, [www.inderscience.com/ijscm](http://www.inderscience.com/ijscm)

Editorial Board - *International Journal of Chinese Culture and Management (IJCCM)* 2006-2010, [www.inderscience.com/ijccm](http://www.inderscience.com/ijccm)

Editorial Review Board - *Journal of Computer Information Systems (JCIS)*, 2006-2011, [www.iacis.org](http://www.iacis.org)

Editorial Advisory Board – *International Journal of Cases on Electronic Commerce (IJCEC)* [www.idea-group.com/ijcec](http://www.idea-group.com/ijcec).

President, International Conference on Pacific Rim Management and Association of Chinese Management Educator (ACME), <http://www.myacme.org>, July 27-29, 2006, Hawaii, USA.

Member of the international program committee for Asia Pacific Decision Science Institute (APDSI), Hong Kong, June 14-18, 2006.

Member of the international program committee for The Fifth Wuhan International Conference on E-Business, Wuhan, P. R. China, May 27-28, 2006 <http://www.whiceb.com>

Member of the international program committee, Management International Conference (MIC) in Portoroz, Slovenia, November 23-25, 2006.

Literati Authors' Club – Emerald Publisher

President-Elect and Program Chair, International Conference on Pacific Rim Management and Association of Chinese Management Educator (ACME), <http://www.myacme.org>, July 28-30, 2005, San Diego, CA, USA.

Track chair of Knowledge Management, International Conference on Pacific Rim Management and Association for Chinese Management Educator (ACME), July 28-30, 2005, San Diego, CA, USA.

Member of the international program committee, International Association for Computer Information Systems (IACIS), Pacific Conference, May 19-21, 2005, Taipei, Taiwan.

VP-Publication and Proceedings Editor, International Conference on Pacific Rim Management and Association of Chinese Management Educator (ACME), <http://www.myacme.org> 2003- 2004, Chicago, IL, USA.

Track chair of Knowledge Management, International Conference on Pacific Rim Management and Association for Chinese Management Educator (ACME), 2003- 2004, Chicago, IL, USA.

Local coordinators and track chair of Knowledge Management, International Conference on Pacific Rim Management and Association for Chinese Management Educator (ACME), 2002- 2003, Seattle, Washington, USA.

## **GRANT/SCHOLARSHIP AWARDS AND RECOGNITIONS**

Honorary International Chair Professor at the National Taipei University of Technology, Taipei, Taiwan, December 20, 2012 to December 19<sup>th</sup>, 2015.

University Exemplary Award for Faculty Excellence, Gonzaga University, 2002, 2004, 2006, 2011, 2014.

C.H. Barnes Faculty Fellowship Achievement Award, School of Business Administration, Gonzaga University, 2013 – 2018.

Gonzaga Forum Faculty Excellence Award, Gonzaga University, 2010

Centioli Faculty Excellence Award, School of Business Administration, Gonzaga University, 2002, 2004.

Coeur D'Alene Mines Faculty Research Award, School of Business Administration, Gonzaga University, 2008, 2011.

Jepson Faculty Fellowship, School of Business Administration Gonzaga University, 1989, 1993, 1998 – 2012.

AcademicKeys Who's Who in Business Higher Education (WWBHE):  
<http://business.academickeys.com>, July, 2003.

Editor's Choice of Management Articles ("Enterprise computing asset management: a case Study") from *Emerald* Full text, the article was cited in "Asset management comes to the fore at Boeing," *Strategic Direction; Volume 18 No. 9; 2002*, and also available at:  
<http://rudolfo.emeraldinsight.com/vl=43285113/cl=18/nw=1/rpsv/~1303/v18n9/s8/p24>

University Award for Scholar of the Year, Gonzaga University, 2001–2002.

"WHO'S WHO Historical Society," 2001–2002.

Finalist, Gonzaga University Research Scholar, 2000, 2003, 2004.

Software grant, Oracle Family Products (Oracle 8i, Oracle WebDB), CA, 1999. The commercial value is about \$200,000.

Boeing Business Faculty Fellowship, Summer, 1998. Project title: "*Development of Enterprise Computing Asset Management Process and Metrics*," observed Boeing's Information Systems operations in Auburn, Washington and provided suggestions for improving their internal performance.

Software grant, COOL Products, from Sterling Software Corp. Atlanta, GA, November 1998. The CASE software provides students with an automated tool for developing projects/systems aligned with its life cycle. The commercial value of the software is about \$2,617,150

Software grant, Visual IFPS/Plus, from Comshare Inc., Ann Arbor MI, June 1997. The software provides students with another vision for implementing decision support systems. The commercial value of the software is about \$15,000.00

Software grant, KEY for WORKGROUP, from Sterling Software, Atlanta GA, January 1996 (with Pete Chong). The software enhances the areas of group decision making and it will be used in advanced MIS and MBA classes at School of Business. The commercial value of the software is about \$253,506.00.

An Object-Oriented CASE tool, Paradigm Plus, was granted by Protosoft to aid the course of MIS 442-Projects and Information Systems, value at \$50,542.25. (with Pete Chong)

A CASE tool set, Application Development Workbench (ADW), academic grant program from KNOWLEDGEWARE Inc., February 1994 (with Pete Chong and Bob Cummings). The software will be used in the courses of MIS, Systems Analysis and Design and MBA program. The software with site license valued at about \$298,000.

A CASE tool set, Information Engineering Workbench (IEW), academic grant program from KNOWLEDGEWARE Inc., November 1992 (with Bob Cummings). The software will be used in the courses of MIS, Systems Analysis and Design and MBA program. The software with site license valued at about \$377,000.

A CASE tool, Excelerator, from INTERSOLVE academic grant program, February, 1992 (with Bob Cummings).

MICRO FOCUS COBOL/2 workbench and CICS option from MICRO FOCUS academic grant program, 1991.

Two microcomputer software packages, Commander Executive Information Systems (Commander EIS) and One-Up (A Multi-Dimensional Modeling System), have been granted by COMSHARE, Inc., in February 1991. The software will be used in the course of Management Information System for both MBA and undergraduate programs. The software valued at about \$70,000 including local area networking version and site license.

Computer software grant, SYSTEM W (VAX version with a market value of up to \$250,000) granted from COMSHARE to support course development in Decision Support Systems (DSS), 1990.

Gonzaga Research Council Award, Summer, 1987.

## PROFESSIONAL ACTIVITIES

An external reviewer for promotion applications to Professor at National Tsing Hua University, Taiwan, February 2019.

Program Chair, 2018 International Conference on Healthcare Service Management (ICHSM, <http://www.ichsm.org/>) June 8-10, 2018 Tsukuba, Japan,

An invited speaker (topics “How to succeed in publishing papers” and “An Overview and Research on Revenue Management-E-C Perspective”) June 11-16, 2017, Henan University, China

An invited speaker (topic “Strategy for Improving Organizational Competitive Advantage: Information Systems Strategy and Culture Perspective”) June 2016, National Taipei University, Taiwan

An external reviewer for promotion applications to Associate Professor at Robert Morris University, Moon Township, PA, USA, January 2014.

Academic Advisor for the newly formed Revenue Management Alliance (RMA) at Driehaus College of Business, School of Hospitality Leadership, DePaul University, March 2013.

Advisory Committee, International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT-2013), May 3 - 4, 2013, Siddaganga Institute of Technology, Karnataka, India.

An invited short course (“Information Systems and Strategies for Business Competitive Advantage”), National Taipei University of Technology, Taipei, Taiwan, Dec. 20 – Dec. 25, 2012.

An external reviewer for promotion applications to Full Professor and Associate Professor at Robert Morris University, Moon Township, PA, USA, invited by Dr. Patrick J. Litzinger, Interim Dean of Business School, Robert Morris University, November, 2012.

Advisory Committee Member for International Conference on “Advanced Materials, Manufacturing, Management and Thermal Sciences [AMMMT-2013]”, May 3 – 4 , 2013, India.

Master Thesis committee member (title “The Feasibility Analysis of Automation Products in the Application of Elder Home Care,” Fu-Jen Catholic University, Taiwan, July 30, 2012.

Ph.D dissertation committee member (title “Enhancing Product Development Capabilities: A Case Study with Knowledge Management Approach”), Fu-Jen Catholic University, Taiwan, January 10, 2012.

An invited talk (“Knowledge Management and Competitive Advantage”), National Taipei University, Taiwan, January 5, 2012

An invited talk (“An Overview on Revenue Management: Competitive Advantage and E-Commerce Perspectives”), Fu-Jen Catholic University, Taiwan, December 18, 2011

Keynote speaker (title “How to improve/sustain competitive advantage for Small and Medium-Sized Enterprises using Information Technology”) Division of Small and Medium-Sized Enterprises (SMEs), Ministry of Economic Affairs, Summer, 2010, Taiwan.

An external assessor for a promotion application to Associate Professor at Robert Morris University, Moon Township, PA, USA, invited by Dr. Derya A. Jacobs, Dean of Business School, November, 2009.

An invited talk (“Improving Business Value and Revenue”), National University of Tainan, Taiwan, June, 2009.

An invited talk (“Business Process with Revenue Management”), Universitat Autònoma de Barcelona, Spain, April 23, 2009.

Members of the Advisory Committee International Conference on “Advanced Materials, Manufacturing, Management and Thermal Sciences” November 4 and 5, 2010 by Siddaganga Institute of Technology, Tumkur, India.

Reviewer, “*Handbook of Technology Management*”, edited by Hossein Bidgoli ([www.wiley.com/go/techmgmt](http://www.wiley.com/go/techmgmt)), John Wiley & Sons, January, 2010.

An external Ph.D dissertation committee member, Centre for Research, Faculty of Mechanical Engineering at Anna University Chennai, India (a Five-Star university, according to <http://www.indiarentszone.com/ranking.html>), September 2008.

An invited talk (“Business Value and Revenue Management”) to the top managers for Taiwan International Securities Corporation, July 26, 2008.

An invited reviewer, “The Handbook of Technology Management” Wiley Publishing, 2008.

An external assessor of End-Of-Semester Examinations and Course Curriculum for Kulliyyah of Economics and Management Sciences, International Islamic University in MALAYSIA, October, 2007.

Visiting Professor at Fu-Jen Catholic University, Taiwan, February 1, July 31, 2007 and recipient of grant from National Science Research Council of Taiwan.

Reviewer, 12th International Conference on Human-Computer Interaction July 22-27, 2007, Beijing China

An external assessor for promotion application for a professor at *International Islamic University Malaysia*, invited by the Department of Management Science of the university and Human Resources Services division of the university, September 2006.

An invited panelist on 2006 SME e-Business Management and Prospect International Forum in Taipei (topic: Streamlining and adding value for e-Supply Chain), organized by SMEs , Ministry of Economic Affairs, August 19, 2006, Taipei, Taiwan.

An external assessor for tenure and promotion application for a professor at Southern Illinois University – Carbondale, invited by Dr. Will Devenport, Director of School of Information Systems and Applied Technology, July 2006.

Ad Hoc Reviewer, Decision Support Systems, February 2006.

An invited keynote speaker (topic “Value Creation: from Value chain to Revenue Management”) at 2005 SMEs e-Business Management and Prospect International Forum, organized by SMEs , Ministry of Economic Affairs, November 15, 2005, Taipei, Taiwan.

An invited external reviewer by Dr. Gregory E. Goering, Associate Dean of School of Management, University of Alaska for a full professor promotion in Fall, 2005 and Fall, 2006.

An invited keynote speaker (topic "Issues and Opportunities for Scholars and Practitioners") at International Symposium on "New Management Methodology and Thought" held on July 10, 2005 at ChangGung University, Taiwan.

Invited talks (topic: "Business and E-Commerce Models "), at Chung-Hua University, Taiwan (May 24, 2005) and Providence University, Taiwan

Invited talks (topic: "Business Curriculum, Business and E-Commerce Models" at Fu Jen Catholic University, Taiwan (May 23, 2005).

Invited talks (topic: "Business and E-Commerce Models "), at College of Enterprise and Administration (WSPA), Lublin, Poland (April 18th, 2005) and Maria Curie-Sklodowska University (UMCS)  
Lublin, Poland (April 18th, 2005)

Ad Hoc Reviewer - *IEEE Transactions on Fuzzy Systems*, Sep. 2004.

Ad Hoc Reviewer - *Management Decision*, [www.emeraldinsight.com/md.htm](http://www.emeraldinsight.com/md.htm), 2004.

An invited external review by the Associate Dean (Dr. Greg E. Goering) for a tenure decision for a MIS professor in the School of Management at Universti of Alaska Fairbanks, Fall, 2004.

Reviewer for the text, Information Technology for Management by Turban et al., Wiley, May 2004

Referee for *The Journal of Computer Standards and Interfaces*, March 2004.

Referee for *Omega, The International Journal of Management Science* (a first-tier of Management Science Journal), November, 2003.

Referee for *Decision Support Systems and Electronic Commerce* (a first-tier MIS journal), July 2003.  
An invited talk (topic: Competitive Strategy and Information Systems to a successful Enterprise) to the Education and Training College of China Natural and Petroleum Corporation, April 3, 2003, Beijing China.

An invited commenter for Beijing Tiptop International Apartment project by Hunan TVNews Center in March 2003, Beijing, China.

Referee for the *International Journal of Information Sciences*, June 2003.

Referee, reviewed three papers for the Journal of Computer Information Systems, May, July, September 2003.

Referee for *Journal of Information Technology Cases and Applications* (JITCA), April 2003.

An invited external reviewer by the Dean (Dr. Niranjan Pati) for a tenure decision for a MIS professor in the School of Business at Indiana University Kokomo, Fall, 2002.

Referee, reviewed two papers for the Journal of Industrial Management and Data Systems (IMDS), 2003.

Reviewer, conference papers for the Southwest Decision Sciences Institute Conference (SWDSI), March, 2003, Houston, Texas.

Invited presentations (topics: Creating Value – Group Work Concept; Strategies and Steps to e-Business Success) for managers for ePowerCorp.com under United Nation Development Program

(UNDP) in Beijing, June 3, 2002.

An invited presentation (topic: Business Processing Reengineering) at Taiwan Normal University, Taipei, Taiwan, January 10, 2002

The e-Business session chair to *the Sixth Asia-Pacific Decision Sciences Institute Conference*, Singapore, July 18 – 21, 2001.

Reviewer, conference papers for the Decision Sciences Institute Conference (DSI), November, 2001, San Francisco.

Reviewer, conference papers for the International Association for Computer Information Systems (IACIS), October, 2001, Vancouver, BC, Canada.

Reviewer, conference papers for the 5th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI), July 22-25, 2001, Orlando, Florida USA

An invited presentation (topic: How to Conduct Data Normalization), at Taskco.com, Taipei, Taiwan, January 10, 2001

An invited presentation (topic: E-commerce: From B2C to B2B and Beyond ) at Fu-Jin Catholic University in Taipei, May 8, 2000

An invited presentation (topic: Business Models for E-Commerce) at National Taiwan Normal University in Taipei, July 30, 2000

Reviewer, the book of *"Information Systems Management: Managerial Approach,"* Third edition, by Turban, E., John Wiley and Sons, Inc., 2000.

A session chair of Decision Sciences Institute Conference, New Orleans, (November 20-23) 1999

An invited talk (topic: Strategic Information Systems to Modern Decision Makers) to all provincial bank presidents for the China Construction Bank, November 11-12, 1999, Kunming, Peoples' Republic of China.

A session chair of International Association for Computer Information Systems (IACIS) Conference, Las Vegas, September 26-28, 1996.

Referee for DSS/AI and Information Systems Tracks of the Decision Sciences Institute, 1996.

Reviewer, the book of *"Principles of Management Information Systems ,"* by Dr. Effy Oz, West Educational Publishing, 1995

Referee, Omega, *The International Journal of Management Science*, 1994

Reviewer, the book of *"Information Systems for the 90's,"* West Educational Publishing, 1995

The system designer for developing a Spark Program Management Information System (SPARK-MIS), a Rural Industrial Technology project for State Science and Technology Commission of Peoples' Republic of China (SSTCC), funding granted from the World Bank, June 1992 to August 1994, Beijing, China.

Reviewer, the book of *"Business Information Systems,"* by Thomas S. Hilton and Robert Stocker, West Educational Publishing, 1994

Reviewer, the book of *"Principles of Management Information Systems,"* by Uma and Ashok Gupta,

West Educational Publishing, 1993.

Reviewer, the book of "Database Programming with dBASE IV," by Wm. C. Brown Communications, Inc., 1993.

Reviewer, the book of "Management Information Systems," 4th Ed. by McLeod, MACMILLIAN, New York, 1992.

Referee for the International Association for Computer Information Systems (IACIS), held in October 1991, in San Francisco, CA.

Reviewer, the book of "Personal Computer Concepts and Applications," by Nickerson, 2nd Ed., published by Harper Collins Publishers, New York, 1991

Review for the Information Systems Track of the Decision Sciences Institute, 1990.

Reviewer, the book of "Microcomputer Applications in Business: DOS, WordPerfect, Lotus 1-2-3, and dBASE IV," published by Scott, Foresman and Company, 1990.

An invited talk of "An Enhanced Optimization-Based Decision Support System," at the systems science laboratory, Chinese Academia Sinica, Beijing, China, August 23, 1989.

Invited seminars of "Building an Information Bridge Between the Data Base and Model Base," and "Introduction to Artificial Intelligence and Expert Systems," at School of Management, Chongqing University, August 24 - August 29, 1989

Chair, Decision Support and Information Systems Track, TIMS XXIX International Conference - Osaka, Japan, July 1989

Reviewer, the book of "*Cases and Applications in dBASE III-PLUS*," published by Irwin, 1988.

Review for the Production/Operations Track of the Decision Sciences Institute, 1987, 1988 and invited as a discussant (1987).

Reviewer, the book of "*Turbo Prolog*," published by Merrill Publishing Company, 1987.

## **SPECIAL CONTRIBUTIONS TO THE UNIVERSITY**

Initiated the collaborative program between the School of Business and Beijing Science and Technology Management University. Cooperation agreement of intension was signed on May 26, 2002 in Beijing, China (a trip to Beijing with Dean Barnes), it was approved by boards of directors/trustees of both universities in August 2002. Visited and gave talks to the students and faculty in Spring 2003 while I was a visiting professor at Beijing International MBA program at Beijing University. Continue to play the role of liaison with BSTMC.

Initiated the Management Information Systems program at School of Business Administration in early 1990s and helped develop MBA-MIS concentration, the program becomes the fastest growing area in the University. Continue involved with the promotion and improvement of these two programs.

Applied for many computer software grants (e.g., Oracle, Rational Rose, Sterlings Cool, KnowledgeWare ADW, Systems W, and Interactive Financial Planning Systems (IFPS) with total commercial values totaling more than \$3.5 million dollars. These software grants have been incorporated in the MIS program to enrich our program and benefit students. The software tools provide students with cutting-edge information technology that help them in the job market.

## **UNIVERSITY SERVICES**

University Committees on Academic Council, Admissions, and Awards, Elected Faculty Representative, 2003-2004

University Committee on Academic Freedom and Tenure, 1999-2001

School of Business Computer Committee, 1985-1987, 1990 (chair)

School of Business Faculty and Research Development Committee, 2009-2010

School of Business Graduate Committee, 1995-1997, 2000 - 2002

School of Business Information Technology Committee, 2003-2015, 2016 (chair), 2017-2019

School of Business Reappointment, Tenure and Promotion Committee, 1988, 1993, 1994, 1997-1999, 2000 (Alternate), 2001, 2002, 2003 – 2004 (chair)

School of Business Resource Allocation Committee, 1993-1994, 1995-1997

School of Business Undergraduate Curriculum Committee, 1987-1989 (chair), 1990-1994, 2012.

Gonzaga University Search Committee, Associate Dean of Admissions/Director of Minority Affairs, 1988

Advisor and Co-advisor, MIS Club, 1994 – 2000

Advisor, Taiwanese Students Association, 1994 – 2003.

## **OTHER PROFESSIONAL AND COMMUNITY SERVICES**

Chairman of Membership, Inland Empire Chapter, Data Processing Management Association (DPMA), 1989-1991.

## **PROFESSIONAL AFFILIATIONS**

Member of the International Association for Computer Information Systems (IACIS)

Member of the Association of Chinese Management Educator (ACME)

Member of the Chinese American Professors of Information Systems (CAPIS)

*Revised: June, 2019*