# Ta-Tao Chuang

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## CURRENT POSITION
Professor of Management Information Systems (MIS), Gonzaga University

## EDUCATION
- Ph.D. in MIS, Texas Tech University
- MS in Computer Information Systems (CIS), Georgia State University
- MBA in MIS, National Chiao Tung University, Taiwan, ROC
- BS in Civil Engineering, National Chung-Hsing University, Taiwan, ROC

## TEACHING INTERESTS
- Strategic Use of Information Systems
- Data Science
- Web-based Application Development
- Data Base Management Systems
- Systems Analysis & Design

## RESEARCH INTERESTS
- Business analytics and big data
- Cloud computing
- Inter-organizational information technologies
- Information technology adoption

## PAPERS (Referred Journal and Books)
a) Chen, Thomas, **Chuang, Ta-Tao**, and Nakatani, Kazuo (2016). "The Perceived Business Benefit of Cloud Computing: An Exploratory Study." *Journal of International Technology and Information Management*, Vol. 25 Issue 4.
b) **Chuang, Ta-Tao**, Nakatani, Kazuo and Chen, Thomas (2015). "An Exploratory Study of Expected Business Value of Cloud Computing." *Issues in Information Systems*, V. 16, Issue: IV, pp. 37-47.
c) Hwang, Jing-Jang, **Chuang, Ta-Tao**, Nakatani, Kazuo, and Yeh, Wen-Hung (2014). "The Design of Software-Agent Architecture for Customer Relationship Management in Utility Service-Based Business" *International Journal of Business and System Research*. vol. 8, no. 3, pp. 256 - 277
d) Nakatani, Kazuo and **Chuang, Ta-Tao** (2012). "Global Data Synchronization: Deployment and Implementation Issues of a Global Standard-based Information System." *International Journal of Services and Standards,* Vol. 8, No. 2, pp. 157-173
e) Zhou, Duanning; Nakatani, Kazuo & **Chuang, Ta-Tao**. (2011). "Data Quality in Collaborative Commerce." *International Journal of Information Quality, vol. 2, no. 3, pp. 264 - 278*

f)  Nakatani, Kazuo & **Chuang, Ta-Tao**. (2011). "A Web Analytics Tool Selection Method: An Analytical Hierarchy Process of Cost-Benefit Analysis." *Internet Research*, vol. 21, no. 2, pp. 171 – 186.

g)  **Chuang, Ta-Tao**; Nakatani, Kazuo; Zhou, Duanning. (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. 2

h)  **Chuang, Ta-Tao;** Beresford-Wood, Bret; Chen, Jason; & Lin, Binshan (2009). "Cooperate to Compete in the Health Care Industry: A Case Study with the Knowledge Management Approach." *International Journal of Learning And Intellectual Capital*, vol. 6

i)  **Chuang, Ta-Tao**; Nakatani, Kazuo; Chen, Jason; & Huang, I-Lin. (2007) "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*, vol. 1, no. 1, pp. 61 – 80.

j)  **Chuang, Ta-Tao;** Rutherford, Mathew; & Lin, Binshan (2007) "Owner/Manager Characteristics, Organizational Characteristics and IT Adoption in the Small and Medium Enterprise." *International Journal of Management and Enterprise Development*. Vol. 4, No. 6, pp. 619 - 634.

k)  Nakatani, Kazuo; **Chuang, Ta-Tao** & Zhou, Duanning (2006) "Data Synchronization Technology: Standards, Business Values and Implementation Challenges." *Communication of Association for Information Systems*, Vol 17, pp. 962-994

l)  Nakatani, Kazuo & **Chuang, Ta-Tao** (2005). "The Development of Data Mart Systems at Public Institutions: A Case Study." *Journal of Information Technology Case and Application Research,* Vol.7, No. 4.

m) **Chuang, Ta-Tao;** Nakatani, Kazuo & Zhou, Duanning (2005). "Collaborative Commerce." *Encyclopedia of E-Commerce, E-Government and Mobile Commerce*

n)  **Chuang, Ta-Tao**. (2005) "Virtual Community Sustainability." *Encyclopedia of Virtual Communities and Technologies*

o)  **Chuang, Ta-Tao**, Huang, Wayne, & Zhang, Yue "Jeff" (2005) "History and Future Development of Group Support Systems." *Encyclopedia of Information Science and Technology*.

p)  **Chuang, Ta-Tao** & Nakatani, Kazuo. (March/April 2004) "Planning and Deployment of Collaborative Commerce: A Conceptual Framework and Empirical Evidences." *International Journal of Electronic Business*. Vol. 2, No. 2, pp. 157 - 173.

q)  **Chuang, Ta-Tao** & Nakatani, Kazuo. (2005). "Perceptions of Students Towards Cooperative Learning In Undergraduate Management Information Systems: Exploratory Quantitative Analyses." *International Journal of Innovation and Learning,* Vol. 1, No. 4.

r)  Chen, Jason. C.-H.*;* Chong, Pete; Gering, Kip, & **Chuang, Ta-Tao** (2005) "Improve Customer Service through Organizational Learning - A Case Study," *International Journal of Innovation and Learning,* Vol. 2, No. 1.

s)  **Chuang, Ta-Tao** & Chong, Pete. (2004). "Searching Advertising Placement in Cyberspace," *Industrial Management and Data Systems*. Vol. 104, No. 2, pp. 144 - 148

t) Chong, Pete; **Chuang, Ta-Tao;** Chang, Ming; & Chen, Jason C.-H. (2003). "Optimal Purchase Decision Criteria For Information Technology," in Gerry Gingrich (Ed.) *Managing IT In Government, Business & Communities*, IRM Press, USA, Spring, 2003.

u) **Chuang, Ta-Tao**, Bernard, Michael, & Ali, Shahid (2002). "Computer-Supported Collaborative Learning Performance and Satisfaction: A multi-stage study," *Journal of International Technology and Information Management,* pp. 27 – 41.

v) Nakatani, Kazuo & **Chuang, Ta-Tao** (2005). "A Framework for the Development of Collaborative Commerce Applications" Issues in Information Systems, V. VI

w) Nakatani, Kazuo & **Chuang, Ta-Tao** (2003). "Issues of Trust And Commitment In Collaborative Commerce". ," Issues in Information Systems, V. IV, pp. 625 - 631

x) **Chuang, Ta-Tao** & Nakatani, Kazuo (2002) "Improving The Learning Effectiveness Of Management Information Systems Course With Cooperative Learning: Lessons of Empirical Study," Issues in Information Systems, V. III, pp. 116 – 123

y) **Chuang, Ta-Tao** & Yadav, Surya B. (2000). "A Decision-Driven Approach to Object-Oriented Analysis," The Data Base for Advances in Information Systems, 31:2, pp. 13 – 34.

z) Chuang, Ta-Tao & Yadav, Surya B. (1998). "The Development of an Adaptive Decision Support System," Decision Support Systems, 24, pp. 73 – 87.


**PAPERS (Proceedings)**
a) **Chuang, Ta-Tao**, Nakatani, Kazuo and Chen, Thomas (2015). "An Exploratory Study of Expected Business Value of Cloud Computing". IACIS 2015 International Conference, October 7 – 10, 2015, Clearwater, Florida.

b) Chen, Temin; **Chuang, Ta-Tao**; Nakatani, Kazuo (2014). "Business Value of Cloud Computing: An Explorative Study." Conference of Application, Security, and Audit Issues in Cloud Computing Service, December 5th, 2014, Taipei, Taiwan.

c) Nakatani, Kazuo & **Chuang, Ta-Tao** (2010). "A Web Analytics Tool Selection Method: An Analytical Hierarchy Process of Cost-Benefit Analysis", Proceedings of 2010 Business and Information Conference, July 5 – 8, 2010, Kokura, Japan.

d) Zhou, Duanning; Naatani, Kazuo & **Chuang, Ta-Tao** (2008). "Data Transparency in Collaborative Commerce:" Proceedings of Second China Summer Workshop on Information Management (CSWIM 2008), June 29-30, 2008, Kunming, Yunnan, China

e) **Chuang, Ta-Tao**; Nakatani, Kazuo; & Zhou, Duanning (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 2007 Americas Conference on Information Systems*, August 09-12, Keystone, Colorado, USA

f) Zhou, Duanning; **Chuang, Ta-Tao;** & Nakatani, Kazuo (2006). "A Conceptual Data Quality Framework for Collaborative Commerce." *Proceedings of 2006 Americas Conference on Information Systems*, August 4-6, 2006, Acapulco, Mexico.

g) **Chuang, Ta-Tao**; Nakatani, Kazuo; & Chen, Jason (2006). "The Impact of Organizational and Owner's Demographic Characteristics on the Extent of E-

Commerce Adoption in SMEs." *EC2006 – Electronic Commerce and Digital Life*, National Taipei University, Feb. 12 – 14. Taipei, Taiwan, ROC.

h)  Chong, Pete; Chang, Ming; & **Chuang, Ta-Tao** (2005). "A Heuristic Approach to Teaching Database Management in Senior Project Classes in an Urban University." *The International Conference on Pacific Rim Management,* Association for Chinese Management Educators (ACME), July 31 – August 2, 2005, Seattle, Washington.

i)  **Chuang, Ta-Tao** (2003). "A Collaborative Framework for Collaborative Commerce," *Proceedings of the 3rd Annual Conference of International Consortium for Electronic Business*, December 09 – 12, 2003, Singapore.

j)  **Chuang, Ta-Tao** & Chen, Jason C-H (2003). "Cooperate to Compete in the Health Care Industry: A Knowledge Management Approach." *Proceedings of the International Conference on Pacific Rim Management*, Association for Chinese Management Educators (ACME), July 31 – August 2, 2003, Seattle, Washington.

k)  Nakatani, Kazuo & **Chuang, Ta-Tao** (2003). "Issues Of Trust and Commitment In Collaborative Commerce." *Proceedings of the Annual Conference of International Association for Computer Information Systems*, October 1-4, 2003, Las Vegas, Nevada.

l)  Van Den Hoek, Anne**; Chuang, Ta-Tao,** & Chong, P. Pete. (2003). "From Railroad to Internet: A Connection of the Past and Present." *Proceedings of the Annual Conference of Southwest Decision Sciences Institute*, March 5-8, 2003, Houston, Texas.

m)  **Chuang, Ta-Tao** & Nakatani, Kazuo. (2002) "Planning and Deployment of Collaborative Commerce: A Conceptual Framework." *Proceedings of the Annual Conference of International Consortium for Electronic Business*, December 10 – 13, 2002, Taipei, Taiwan.

n)  **Chuang, Ta-Tao** & Nakatani, Kazuo. (2002). "Improving The Learning Effectiveness Of Management Information Systems Course With Cooperative Learning: Lessons Of Empirical Study," *Proceedings of the 2002 Conference of International Association for Computer Information Systems*, October 2-5, 2002, Fort Lauderdale, Florida.

o)  Ali, Shahid; **Chuang, Ta-Tao** & Bernard, Michael (2002). "Learning satisfaction, learning performance: Values added to Production and Operations Management with information technology" *Proceedings of the 2002 Conference of Decision Science Institute*, Nov. 23 – 26, 2002, San Diego, CA.

p)  Chang, Ming; **Chuang, Ta-Tao**; Chen, Jason C.H. & Chong, P. Pete (2002). "The Effects of E-Business on Supply Chain Management: A Model Analysis." *Proceedings of The XII ACME International Conference On Pacific Rim Management*, August 1-3, 2002, Los Angeles, CA.

q)  Ali, Shahid & **Chuang, Ta-Tao**. (2002). "Improving Case Instruction: Computer-Mediated Learning vs. Face-to-Face Learning." *Proceeding of the 38th Annual Conference of The Society for Case Research*, February 27-28 & March 1, 2002, Chicago, Illinois

r)  **Chuang, Ta-Tao**; Bernard, Michael & Ali, Shahid. (2001). "Effect of Communication Medium on Group Performance and Group Process:    A Longitudinal Study," *Proceeding of the 32nd Annual Meeting of the Decision Sciences Institute*, November 17-20, 2001, San Francisco, CA.

s) **Chuang, Ta-Tao**, Shahid Ali, & Michael Bernard (2000). "Computer-Supported Collaborative Learning Performance and Satisfaction: A multi-stage study" *Proceedings of the 31st Annual Meeting of the Decision Sciences Institute*, November 18-21, 2000, Orlando, FL

t) **Chuang, Ta-Tao** & Burns, Mary B. "A Search for Advertising Placement in Cyberspace: An Analytical Framework," *Proceedings of the Fourth Americas Conference on Information Systems*, August 14-16, 1998, Baltimore, MD.

u) **Chuang, Ta-Tao** & Yadav, Surya B., "An Agent-Based Architecture of An Adaptive Decision Support System (ADSS)," *Proceedings of the Third Americas Conference on Information Systems*, August 15 - 17, 1997, Indianapolis, IN.

v) **Chuang, Ta-Tao** & Burns, Mary B., "Interdependence in IS Development Projects: A Model and Conceptual Overview," *Proceedings of the Third Americas Conference on Information Systems*, August 15 - 17, 1997, Indianapolis, IN.

w) **Chuang, Ta-Tao** & Yadav, Surya B., "A Conceptual Model of an Adaptive Decision Support System," *Proceedings of the Second Americas Conference on Information Systems*, August 16-18, 1996, Phoenix, AZ.

x) **Chuang, Ta-Tao** & Yadav, Surya B., "Object-Oriented Analysis: A Decision-Driven Approach," *Proceedings of the First Americas Conference on Information Systems*, August 25-27, 1995, Pittsburgh, PA.

y) Chen, Ching-Wen & **Chuang, Ta-Tao**, "An Application of the Covariance Components Model to Production Process Control," *Proceedings of the 28th Annual Meeting of the Decision Sciences Institute*, November 22-25, 1997, San Diego, CA.

## PAPERS and RESEARCH PROJECTS (Work-In-Progress)

a) **Chuang, Ta-Tao** and Nakatani, Kazuo. "A Concentric Framework of Big Data: Five V's, Three C's, and One F." (Tentative title) Status: under revision

b) **Chuang, Ta-Tao. "**Paths to Nirvana of Big Data: Experiential, Experimental, Exploitative, and Explorative"

c) **Chuang, Ta-Tao**. "The Gap between Expected Benefit and Perceived Benefit of Cloud Computing" Status: data analysis

d) Hoag, Matthew and **Chuang, Ta-Tao**, "Big Data in accounting programs: Perspectives, Implementation and Obstacles." Status: writing.


## PRESENTATION

a) "Big Data and Accounting: A Survey of Accounting Faculty," Presented at the *2016 Northwestern Accounting Research Group (NWARG) Conference*. November 12, 2016, Leavenworth, WA

b) "The Case Method," Presented to the faculty of the College of Economics and Management, Gansu Agricultural University, July 3, 2015, Lanzhou, China

c) "Big Data: Applications, Characteristics and Framework," Presented to a group of faculty and graduate students at Lanzhou University, July 2, 2015, , Lanzhou, China

d) "A Web Analytics Tool Selection Method: An Analytical Hierarchy Process of Cost-Benefit Analysis", Proceedings of the 2010 Business and Information Conference, July 5 – 8, 2010, Kokura, Japan.

e) "The Impact of Organizational and Owner's Demographic Characteristics on the Extent of E-Commerce Adoption in SMEs," The 2006 Conference of Electronic Commerce and Digital Life, Taipei, Taiwan, February 12-14, 2006

f) "A Collaborative Framework for Collaborative Commerce," The 3rd Annual Conference of International Consortium for Electronic Business, Singapore, December 09 – 12, 2003.

g) "Cooperate to Compete in the Health Care Industry: A Knowledge Management Approach," The International Conference on Pacific Rim Management, Association for Chinese Management Educators (ACME), July 31 – August 2, 2003, Seattle, Washington.

h) "Planning and Deployment of Collaborative Commerce: A Conceptual Framework," The 2nd Annual Conference of International Consortium for Electronic Business, Taipei, Taiwan, December 10 – 13, 2002.

i) "Effect of Communication Medium on Group Performance and Group Process: A Longitudinal Study," Proceeding of the 32nd Annual Meeting of the Decision Sciences Institute, San Francisco, CA, November 17-20, 2001.

j) "Interdependence in IS Development Projects: A Model and Conceptual Overview," The Third Americas Conference on Information Systems, Indianapolis, IN, August 15 - 17, 1997.

k) "An Agent-Based Architecture of An Adaptive Decision Support System (ADSS)," The Third Americas Conference on Information Systems, Indianapolis, IN, August 15 - 17, 1997.

l) "A Conceptual Model of an Adaptive Decision Support System," The Second Americas Conference on Information Systems, Phoenix, AZ, August 16-18, 1996.

m) "Object-Oriented Analysis: A Decision-Driven Approach," The First Americas Conference on Information Systems, Pittsburgh, PA, August 25-27, 1995.

## HONORS

- 2016, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2015, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2014, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2013, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2012, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2011, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2009, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2008, Recipient of Gonzaga Forum Faculty Excellence Award (GFA), School of Business, Gonzaga University
- 2008, Recipient of Jepson Research Award, School of Business, Gonzaga University

- 2007, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2006, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2005, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2005, Recipient of Gonzaga Research Council Award
- 2004, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2004, Recipient of Gonzaga Research Council Award
- 2003, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2003, Recipient of Gonzaga Research Council Award
- 2002, Recipient of Jepson Research Award, School of Business, Gonzaga University
- 2002, Recipient of Gonzaga Research Council Award
- 2001, listed in *Who's Who in America*, scheduled to publish in September 2000.
- 2000, Recipient of 2000 Summer Research Grant of $8,000, the Barton School of Business, Wichita State University.
- 1999, Recipient of 1999 Summer Research Grant of $6,000, the Barton School of Business, Wichita State University.
- 1998, listed in *International WHO'S WHO of Information Technology*.
- 1997, invited to participate Doctoral Consortium in the 28th Annual Meeting of Decision Sciences Institute.

## BOOKS AND RESEARCH REPORTS
- *Introduction to COWELL Accounting Systems*, Taipei, Taiwan: Clic Information System Co., Ltd. (1991). (in Chinese)
- *Applications of Manager Organizer--RACE PEN*, Taipei, Taiwan: Clic Information System Co., Ltd. (1991). (in Chinese)
- An Information System Development Case Study---Based on the conditions in an electronic company, included in *Investigation of Software Development Environment, Problems, and Demand in the Republic of China* (SED-77RR- 01), Institute for Information Industry, 1987, Taipei
- Pen Watch --- A Research and Development Management Case Report, presented in Research and Development Management Seminar sponsored by National Chiao Tung University, 1986, Taipei.

## SERVICES
Fall 2017:
  - Internal
    - Serve the role of the MIS discipline lead
    - Serve on the Globalization Committee

  - External

- ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
- ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
- ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
- ° Member of the Editorial Review Board of *Education and Information Technology*
- ° Ad-hoc editor of *Information System Frontier*
- ° Ad-hoc reviewer of *Journal of International Technology and Information Management*
- ° Ad-hoc reviewer of *Decision Support Systems*
- ° Ad-hoc reviewer of *International Journal of Distance Education Technologies*
- ° Ad-hoc reviewer of *Management Decision*

Spring 2017:
- ° Internal:
  - ° Serve on the *Globalization Committee*
  - ° Serving the discipline lead of the MIS discipline
- ° External
  - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
  - ° Member of the Editorial Board of *Management Decision*.
  - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
  - ° Member of the Editorial Review Board of *Education and Information Technology*
  - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
  - ° Ad-hoc review of *Decision Support Systems*
  - ° Ad-hoc review of *Communications of Association for Information Systems*

Fall 2016:
- ° Internal:
  - ° Serve on the *Globalization Committee*
  - ° Serving the discipline lead of the MIS discipline
- ° External
  - ° Invited to serve as a coordinate editor by *Information Systems Frontier*.
  - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
  - ° Member of the Editorial Board of *Management Decision*.
  - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
  - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
  - ° Ad-hoc review of *Decision Support Systems*
  - ° Ad-hoc reviewer of *International Journal of Distance Education Technologies*

- ° Ad-hoc review of *Journal International Technology Information Management*

Spring 2016:
- ° Internal:
  - ° Serve on the *Undergraduate Curriculum Committee*
  - ° Alternate member of *RPT committee*
  - ° Serving the discipline lead of the MIS discipline
- ° External
  - ° Invited to serve as a coordinate editor by *Information Systems Frontier*.
  - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
  - ° Member of the Editorial Board of *Management Decision*.
  - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
  - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
  - ° Ad-hoc review of *Decision Support Systems*
  - ° Ad-hoc reviewer of *International Journal of Distance Education Technologies*
  - ° Ad-hoc review of *Journal International Technology Information Management*

Fall 2015:
- ° Internal:
  - ° Serve on the *Undergraduate Curriculum Committee*
  - ° Alternate member of *RPT committee*
  - ° Serving the discipline lead of the MIS discipline
- ° External
  - ° Member of the Editorial Board of *Management Decision*.
  - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
  - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
  - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*

Spring 2015:
- ° Internal:
  - ° Serve on the *Undergraduate Curriculum Committee*
  - ° Serving the discipline lead of the MIS discipline
  - ° Serving the program advisor of the Exchange Program with Chang Gung University
- ° External
  - ° Coordinate Editor of *Information Systems Frontier*.
  - ° Member of the Editorial Board of *Management Decision*.
  - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
  - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*

- ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
- Spring 2014:
  - ° Internal:
    - ° Serve on the *Undergraduate Curriculum Committee*
    - ° Serving the role of point person of the MIS discipline
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *ACM Transaction on Management Information Systems*
    - ° Ad-hoc reviewer of *Information and Management*
    - ° Ad-hoc reviewer of *Information Journal*
    - ° Ad-hoc reviewer of *Information Resources Management Journal*
    - ° Ad-hoc review for the *18th Pacific Asia Conference on Information Systems* (PACIS 2014)
    - ° Ad-hoc reviewer of *International Journal of Distance Education Technologies*
- Fall 2013:
  - ° Internal:
    - ° Serve on the *Undergraduate Curriculum Committee*
    - ° Serve the chair of MIS search Committee
    - ° Serving the role of point person of the MIS discipline
    - ° Leading the development of the SBA's intranet
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
    - ° Take the lead to propose a new concentration on Data Analytics
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *ACM Transaction on Management Information Systems*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
    - ° Ad-hoc reviewer of *Pacific Asia Journal of the Association for Information Systems*
    - ° Ad-hoc reviewer of *Information* Journal
    - ° Ad-hoc reviewer of *Information Resources Management Journal*

- ° Ad-hoc reviewer of *Electronic Commerce Research Journal*
- Spring 2013:
  - ° Internal:
    - ° Serve on the *Strategic Mission and Planning Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving the role of point person of the MIS discipline
    - ° Serving the champion in the International/Cultural Initiative
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *ACM Transaction on Management Information Systems*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
    - ° Ad-hoc reviewer of *Pacific Asia Journal of the Association for Information Systems*
    - ° Ad-hoc reviewer of *Information* Journal
    - ° Ad-hoc reviewer of *Information Resources Management Journal*
    - ° Ad-hoc reviewer of *Journal of Healthcare Engineering*
- Fall 2012:
  - ° Internal:
    - ° Serve on the *Strategic Mission and Planning Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving the role of point person of the MIS discipline
    - ° Serving the champion in the International/Cultural Initiative
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *Decision Support Systems*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
    - ° Ad-hoc reviewer of *Pacific Asia Journal of the Association for Information Systems*

- ° Ad-hoc reviewer of *Information* Journal
- Spring 2012:
  - ° Internal:
    - ° Serve on the *Strategic Mission and Planning Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving the role of point person of the MIS discipline
    - ° Serving the champion in the International/Cultural Initiative
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
    - ° Ad-hoc reviewer of *Pacific Asia Journal of the Association for Information Systems*
    - ° Ad-hoc reviewer of *Information* Journal
- Fall 2011:
  - ° Internal:
    - ° Serve on the *Strategic Mission and Planning Committee*
    - ° Serving on *the Hogan Program Faculty Advisory Committee* (Fall 2010)
    - ° Leading the development of the SBA's intranet
    - ° Serving the role of point person of the MIS discipline
    - ° Serving the champion in the International/Cultural Initiative
    - ° Serving the program advisor of the Exchange Program with Chang Gung University
    - ° Participating in New Student Orientation Business Fair
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
    - ° Ad-hoc reviewer of *Information* Journal
    - °
- Fall 2010 and Spring 2011:
  - ° Internal:

- ° Serve on the *Technology Planning Committee* (Fall 2010)
- ° Serving on *the Hogan Program Faculty Advisory Committee* (Fall 2010)
- ° Leading the development of the SBA's intranet
- ° Serving the role of point person of the MIS discipline
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Communication of International Chinese Information Systems Association*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Member of the Editorial Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Ad-hoc reviewer of *Australasian Journal of Information Systems*
- Fall 2009 and Spring 2010:
  - ° Internal:
    - ° Chair of the *Technology Planning Committee*
    - ° Serving on *the Hogan Program Faculty Advisory Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving the role of point person of the MIS discipline
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*.
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Virtual Communities and Social Networking*
    - ° Member of the Editorial Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
- Spring 2009:
  - ° Internal:
    - ° Serve the *Chair of Information Technology Planning Committee*
    - ° Serving on *the Hogan Program Faculty Advisory Committee*
    - ° Serve on *Strategic Initiative Committee*
    - ° Serve on the *University Discipline Board*
  - ° External
    - ° Editorial Review Board of the *International Journal of Virtual Communities and Social Networking*
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*

- ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
- ° Ad Hoc reviewer for *Decision Support Systems*
- ° Member of the Editorial Review Board of *Decision Science Journal*.
- ° Ad Hoc reviewer of the 49th Annual IACIS International Conference.
- Fall 2008:
  - ° Internal:
    - ° Serving on *the Hogan Program Faculty Advisory Committee*
    - ° Serve on *Strategic Initiative Committee*
    - ° Serve on the *University Discipline Board*
  - ° External
    - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
    - ° Editorial Review Board of the *International Journal of Virtual Communities and Social Networking*
    - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Ad Hoc reviewer for *Decision Support Systems*
    - ° Member of the Editorial Review Board of *Decision Science Journal*.
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
- Spring 2008:
  - ° Internal: On sabbatical
  - ° External
    - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Ad Hoc reviewer for *Decision Support Systems*
    - ° Member of the Editorial Review Board of *Decision Science Journal*.
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
    - ° Member of International Program Committee of *The Second International Conference on Operations and Supply Chain Management Operations and Supply Chain Management in Asia Pacific Region,* Jul. 29 - Aug. 2, 2008, Taipei, Taiwan
- Fall 2007:
  - ° Internal
    - ° Chair of the *Reappointment and Tenure Committee*
    - ° Chair of the *Technology Planning Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving on *the Hogan Program Faculty Advisory Committee*

- ° Serving on the *University Discipline Board*
- ° External
  - ° Associate Editor of *Interdisciplinary Journal of Information, Knowledge and Management*.
  - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
  - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
  - ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
  - ° Ad Hoc reviewer for *Decision Support Systems*
  - ° Member of the Editorial Review Board of *Decision Science Journal*.
  - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
- Spring 2007:
  - ° Internal
    - ° Serving on the *Reappointment and Tenure Committee*
    - ° Chair of the *Technology Planning Committee*
    - ° Leading the development of the SBA's intranet
    - ° Serving on *the Hogan Program Faculty Advisory Committee*
    - ° Serving on the *University Committee on Discrimination and Harassment*
    - ° Serving on *the University Academic Technology Committee*
    - ° Serving on the *University Discipline Board*
  - ° External
    - ° Associate Editor of *Interdisciplinary Journal of Information, Knowledge and Management*.
    - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Member of the Editorial Review Board of *Decision Science Journal*.
    - ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*
- Fall 2006:
  - ° Internal
    - ° University *Discipline Board*
    - ° University *Committee on Discrimination and Harassment*
    - ° Serving in the *Reappointment and Tenure Committee*
    - ° Chair of the *Technology Planning Committee*
    - ° Hogan Program Faculty Advisory Committee
  - ° External
    - ° Associate Editor of *Interdisciplinary Journal of Information, Knowledge and Management*.

- ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
- ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
- ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
- ° Member of the Editorial Review Board of *Decision Science Journal.*
- ° Member of the Editorial Review Board of *Journal of International Technology and Information Management*

- Spring 2006:
  - ° Internal
    - ° University *Committee on Discrimination and Harassment*
    - ° Serving in the *Reappointment and Tenure Committee*
    - ° Chair of the *Technology Planning Committee*
    - ° Hogan Program Faculty Advisory Committee
  - ° External
    - ° Associate Editor of *Interdisciplinary Journal of Information, Knowledge and Management.*
    - ° Member of the Editorial Review Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Review Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Review Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Review three articles for *the InSite 2006 Conference*, Salford England, June 25-28, 2006
    - ° Invited to serve in the Program Committee of *International conference on Information Society*, Miami, Florida, USA, 7–10 August, 2006.

- Fall 2005:
  - ° Internal
    - ° Serving in the *Reappointment and Tenure Committee*
    - ° Chair of the *Technology Planning Committee*
    - ° Hogan Program Faculty Advisory Committee
  - ° External
    - ° Associate Editor of *Interdisciplinary Journal of Information, Knowledge and Management.*
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Invited to serve as an Ad Hoc reviewer for *International Journal of Information Technology and Decision Making.*
    - ° Ad hoc Reviewer for "*Learning Objects*," by Informing Science Institute
    - ° Invited to serve in the Program Committee of *International conference on Information Society*, Miami, Florida, USA, 7–10 August, 2006.

- Spring 2005:
  - ° Internal
    - ° Serving in the Graduate Committee at the University
    - ° Chair of the Technology Planning Committee, School of Business, Gonzaga University, leading the committee to develop the strategic information technology plan for the School of Business
    - ° Hogan Program Faculty Advisory Committee
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Board of *Interdisciplinary Journal of Knowledge and Learning Objects*
    - ° Reviewer for DSI conference in Boston, MA.
    - ° Reviewer of IACIS Pacific 2005 Conference
- Fall 2004:
  - ° Internal
    - ° Serving in the Graduate Committee at the University
    - ° Chair of the Technology Planning Committee, School of Business, Gonzaga University, leading the committee to develop the strategic information technology plan for the School of Business
    - ° Hogan Program Faculty Advisory Committee
    - ° Summer 2005 Steering Committee
  - ° External
    - ° Member of the Editorial Board of *International Journal of Electronic Healthcare*
    - ° Member of the Editorial Board of *Journal of Computer Information Systems*
    - ° Member of the Editorial Board of *Interdisciplinary Journal of Knowledge and Learning Objects*

## PROFESSIONAL DEVELOPMENT OF PEDAGOGICAL SKILLS
- Fall, 2004 – attended Ethics Across the Curriculum Workshop: Hosted by Dr. Mike Stebbins, Director of the Ethics Institute, Dr. Alan Singer, then Aram Chair in Business Ethics.

## EXPERIENCE
- Fall, 2009 – present: Professor of MIS, Gonzaga University
- July, 2014: Invited to participate in a Seminar at National Kaohsiung First University of Science and Technology, Kaohsiung, Taiwan, ROC
- Summer, 2009: Visiting Professor at Chang Gung University, Tao-Yuan, Taiwan, ROC
- July, 2008: Invited to talk to Executive MBA students on at Chang Gung University, Tao-Yuan, Taiwan, ROC
- July, 2008: Invited to talk to Doctoral students at National Taiwan University, Taipei, Taiwan, ROC
- May, 2008: Invited to talk to Doctoral Students at National Kaohsiung First University of Science and Technology, Kaohsiung, Taiwan, ROC

- Spring, 2008: Visiting Associate Professor at Chang Gung University, Tao-Yuan, Taiwan, ROC
- December, 2007: Invited to attend Seminar: Chang Gung University, Tao-Yuan, Taiwan, ROC
- Summer, 2007: Visiting Associate Professor at Chang Gung University, Tao-Yuan, Taiwan, ROC
- Spring, 2005: VICS CPFR Meeting, Atlanta, GA
- Fall, 2004 – Spring 2009: Associate Professor at Gonzaga University
- December, 2002: Invited to talk to graduate students and faculty at Chang Gung University
- Fall, 2001 – Summer 2004: Assistant Professor at Gonzaga University
- Fall, 1998 – Summer 2001: Assistant Professor at Wichita State University
- Fall 1993 – Summer 1998: Teaching assistant and lecturer at Texas Tech University
- 08/'88 - 07/'91 Lecturer at Chung Yu Junior College of Business Administration, Keelung, Taiwan, ROC.
- 07/'86 - 06/'87 Research Assistant - Investigation of Software Development Environment, Problems, and Demand in the Republic of China Project, sponsored by Institute for Information Industry, Taipei, Taiwan, ROC.
- 05/'86 - 08/'86 A Case Study writer and assistant for an R&D management seminar sponsored by National Chiao Tung University, Hsinchu, Taiwan, ROC.
- 10/'82 - 08/'84 Second Lieutenant in Military Service, Taipei, Taiwan, ROC

## MEMBERSHIP
- Association for Computing Machinery (ACM)
- Associations of Information Systems

## COMPUTING SKILLS
- Power BI
- Windows Desktop Applications
- Visual Programming IDE: Delphi & Visual Basic
- DBMS: Access, MySQL & Oracle8i
- R, Python, PHP, Java, JavaScript, C, PASCAL, FORTRAN, & COBOL, DYNAMO, SAS, SPSS, AMOS, & HTML