

Chung-Shing Lee
School of Business
Pacific Lutheran University
Tacoma, WA 98447-0003
Phone: 253-535-8718
Fax: 253-535-8723
E-Mail: clee@plu.edu

I. EDUCATION

Doctor of Science (D.Sc.), Engineering and Technology Management. School of Engineering and Applied Science, The George Washington University, Washington, D.C. May 1997. (Majors: Technology & Innovation Management and Strategic Management; Minor: Information and Software Engineering)

Master of Arts (M.A.), Economics. University of Maryland, College Park, Maryland. (Concentrations: Public Finance and Econometrics).


Bachelor of Arts (B.A.), Economics. National Taiwan University, Taipei, Taiwan.

II. FULL-TIME PROFESSIONAL EXPERIENCE

Dean, School of Business, Pacific Lutheran University, Tacoma, Washington (www.plu.edu). July 2016 to present. An AACSB-accredited top-tier western regional university

Professor, School of Business, Pacific Lutheran University, Tacoma, Washington. June 2010 to present.

Associate Dean, School of Business, Pacific Lutheran University, Tacoma, Washington. June 2014 to June 2016

Director, ePLU E-Commerce and Technology Management Center. Pacific Lutheran University, Tacoma, Washington. June 2000 to December 2013. An innovative organization that provides eStrategy consulting services to companies and connects students to the Internet Economy 

Visiting Professor, College of Management, Yuan-Ze University, Chungli, Taoyuan, Taiwan (www.cm.yzu.edu.tw). Academic Year 2011-2012.

Project Leader, Institute of Knowledge Services and Innovation, Yuan Ze University, Taiwan (www.iksi.org.tw). September 2004 to June 2013. A service research center sponsored by Taiwan's Ministry of Economic Affairs and Yuan Zu University.

Associate Professor, School of Business, Pacific Lutheran University, Tacoma, Washington.
June 2003 – May 2010

Visiting Associate Professor, Department of Business Administration and Graduate School of Management, Yuan-Ze University, Chungli, Taoyuan, Taiwan (www.yzu.edu.tw).
Academic Year 2004-2005.

Assistant Professor of Information Systems and Technology Management, School of Business, Pacific Lutheran University, Tacoma, Washington. September 1998 to May 2003.

Visiting Scholar. Center for Advanced Life Cycle Engineering, University of Maryland, College Park, Maryland (www.calce.umd.edu). A State/Industry/University Cooperative Research Center sponsored by the National Science Foundation, the State of Maryland, and 50 industrial and federal members. Summer 2000.

Faculty Research Associate. The Computer-Aided Life-Cycle Engineering (CALCE) Electronic Products and Systems Consortium (EPSC), University of Maryland, College Park, Maryland (www.calce.umd.edu). January 1998 to August 1998.

Research Associate and Information Systems Manager. Heiden Associates, Inc., Washington, D.C. (www.heideninc.com). A product safety and economic consulting firm specializing in the application of microeconomic and statistical analysis to business and public policy issues. July 1989 to December 1997.

III. INTELLECTUAL CONTRIBUTIONS

Peer-Reviewed Journal Articles

1. Ho, J.C. and Lee, C.-S. “A typology of technological change: Technological paradigm theory with validation and generalization from case studies,” *Technological Forecasting and Social Change*, 97, 2015, pp.128-139.
2. Lee, C.-S., and Ho. J.C. “National and industrial strategies for value creation in a global context,” *International Journal of Innovation and Technology Management*, 11(3), 2014. 1440010.
3. Lee, C.-S., and Ho., J.C. “A multiple perspectives analysis of culture and technology management: A Korean case,” *International Journal of Innovation and Technology Management*, 10(1), 2013, pp. 1350001-1~1350001-21.
4. Hsieh, P., Lee, C.-S., and Ho, J.C. “Strategy and process of value creation and appropriation in service clusters,” *Technovation: The International Journal of Technological Innovation, Entrepreneurship and Technology Management* (SSCI), 32, 2012, pp.430-439. (The official journal of the International Association of Management of Technology (IAMOT)).

5. Hsieh, P. and Lee, C.-S, "A note on value creation in consumption-oriented regional service clusters," *Competitiveness Review*, 22(2), 2012, pp.170-180.
6. Hsieh, P., and Lee, C.-S. "Leveraging technology to diminish hostility in service recovery," *International Journal of Operations Research*, 8(4), 2011, pp.10-18.
7. Ho, J.C., Liu, H. and Lee, C.-S. "Technology evaluation process and its influential strategic factors: Cases in Taiwan semiconductor sector," *Technology Analysis & Strategic Management* (SSCI), 23(9), 2011, pp.931-946 (The leading article).
8. Ho, J.C. and Lee, C.-S. "Factors underlying personalization adoption: Case of mobile telephony," *International Journal of Services Technology and Management* (EI), 15(3/4), 2011, pp.281-297.
9. Lee, C.-S., and Ho, J.C. "A Framework for Analyzing Business Model Innovation in Mobile Commerce," *Journal of International Technology and Information Management*. 19(4), 2010, pp.37-60.
10. Lee, C.-S., Chen, Y., and Ho, J.C. "An integrated framework for managing knowledge-intensive service innovation," *International Journal of Services Technology and Management*, 13(1/2), 2010, pp. 20-39 (EI) (The leading article).
11. Lee, C.-S., and Hsieh, P. "Disruptive Business Model Innovations in E-philanthropy." *International Journal of Intercultural Information Management*, 2(1), 2010, pp.79-95.
12. Chen, Y., Chen, Z., Ho, J.C. and Lee, C-S. "Service Innovation Perspective on In-depth Tourism," *International Journal of Culture, Tourism, and Hospitality Research*, 3(4), 2009, pp. 326-336. (Authors are listed alphabetically).
13. Ho, Jonathan C and Lee, C.-S. "The DNA of Industrial Competitors" *Research Technology Management*, 51(4), 2008, pp.17-20 (SSCI) (A top-tier journal in technology management).
14. Niu, K.-H., Miles, G., and Lee, C.-S. "Strategic Development of Network Clusters: A Study of High Technology Regional Development and Global Competitiveness." *Competitiveness Review*, 18(3), 2008, pp.176-191 (The leading article).
15. Lee, C.-S., Niu, K.-H., and Ho, J.C. "Analysis of Competitive and Cooperative Technology Strategies of Electronics Firms in The Greater China Region." *Journal of International Technology and Information Management*. 16(1), 2007, pp.43-64.
16. Lee, C.-S., Barnowe, T., and McNabb, D. "Environmental Perceptions, Attitudes and Priorities - Cross-Cultural Implications for Public Policy". *Cross Cultural Management*, 12(1), 2005.

17. Fong, C.-M, Tseng, C.-H., Lee, C.-S., and Chung, H.-J. "An Evolutionary Approach to Study Joint Venture Business Performance: An Empirical Study of International Joint Ventures in Taiwan." *International Journal of Business Performance Management*. 6(1). 2004, pp. 22-42.
18. Lee, C.-S., and Vonortas, N.S. "Toward an Integrated Model of Strategy Formulation for Strategic Technical Alliances." *International Journal of Technology Transfer and Commercialization*. 1(3), 2002, pp. 292-312.
19. Lee, C.-S. "An Analytical Framework for Evaluating E-Commerce Business Models and Strategies." *Internet Research: Electronic Networking Applications and Policy*. 11(4), 2001, pp. 349-359 (SCI).
20. Lee, C.-S., and Pecht, M. "Recent Development in Taiwan's Electronics Industry." *Circuit World: Journal of the Printed Circuit Interconnection Federation and Institute of circuit Technology*, 23(3), April 1997 (EI).
21. Pecht, M. and Lee, C.-S. "Flat Panel Displays Technology Development - What is going on in East Asia Outside Japan." *Circuit World: Journal of the Printed Circuit Interconnection Federation and Institute of circuit Technology*, 24(1), November 1997, pp. 20-27 (EI).
22. Xue, L., Beverly, J. and Lee, C.-S. "An Internet Application to Relieve Constraints in the Flow of Technical Information – The Virtual Technology Market (VTM)." *Journal of the American Society for Information Science*, 33, 1996, pp. 30-33.

Conference Papers and Presentations

1. Bradley, D., Vegh, J., Lee, C.-S., Cao, R., and Chan, L. "Assessment of Water Purification Technologies in Developing Countries," Portland International Conference on Management of Engineering and Technology (PICMET), Honolulu, HI, 19-23, August, 2018.
2. Shi, Y. Chan, L., Cao, R. and Lee, C.-S. "Exploring the Co-evolution of Inter-Industry Technological Innovation: Case of 3D Printing," Portland International Conference on Management of Engineering and Technology (PICMET), Honolulu, HI, 19-23, August, 2018.
3. Lee, C.-S., Chan, L., and McNabb, D. "The Role of Strategic Orientation in Business Innovation," Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, 9-12, July, 2017.
4. Lee, C.-S., Ho, J.C., and Hsu, C.-F. "Creating value in global innovation networks: A study of smartphone industry," Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, 2-6, August, 2015.
5. Nguyen, H.V., Chen, J. and Lee, C.-S. "The effects of co-opetition capability on innovation practices and competitive advantage: A Cross-national comparative study." The

- 7th IEEE International Conference on Management of Innovation and Technology (ICMIT 2014), Singapore, 22-25 September, 2014.
6. Lee, C.-S. and Ho, J.C. "An Analytical Framework for Managing Technological Transitions," Proceedings of the American Society of Business and Behavioral Sciences, Las Vegas, NV, 21-24, February, 2014.
 7. Ho, J.C. and Lee, C.-S. "A typology of technological changes: Theory of technological paradigm, trajectory and regime with a case study on the photographic industrial sector," Portland International Conference on Management of Engineering and Technology (PICMET), San Jose, CA, 28-31 July, 2013.
 8. Lee, C.-S. and Ho, J.C. "Strategy for value creation and appropriation in a global context," Proceedings of the American Society of Business and Behavioral Sciences, Las Vegas, NV, 21-24, February, 2013.
 9. Ho, J.C. and Lee, C.-S. "Two competing theories of Google's retreat from China: Implications for foreign Internet firms compete in emerging economies," International Association of Management of Technology conference (IAMOT 2012), Hsinchu, Taiwan, 18-22 March, 2012.
 10. Ho, J.C., Zhang, Q., and Lee, C.-S. "Google's retreat from China: two competing theories," Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, 1-4 August, 2011.
 11. Lee, C.-S., Ho, J.C., and Tseng, F. "Service Business Model Innovation: A Conceptual Model and A Framework for Management Consulting," International Joint Conference on Service Sciences (IJCSS 2010), Taipei, Taiwan, 25-27 May, 2011.
 12. Hsieh, P. and Lee, C.-S. "A Conceptual Framework of Value Creation in Event Tourism," Global Marketing Conference, Tokyo, Japan, 9-12 September, 2010.
 13. Lee, C.-S. and Ho, J.C. "A Multi-Perspective Analysis of Culture and Technology Management." Academy of Management, Montreal, Canada, 6-10 August, 2010.
 14. Lee, C.-S., Tseng, F., and Ho, J.C. "A Diagnostic Framework for Managing Service Business Model Innovation," The First International Conference on Service Science and Innovation (ICSSI 2009), Taipei, Taiwan, 11-12 August, 2009.
 15. Hsieh, P. and Lee, C.-S. "Strategy and Process of Value Creation and Appropriation in Service Clusters." The First International Conference on Service Science and Innovation (ICSSI 2009), Taipei, Taiwan, 11-12 August, 2009.
 16. Lee, C.-S. and Ho, J.C. "A Framework for Analyzing M-Commerce Innovation and Strategy." Academy of Management Conference, Chicago, IL, 7-11 August, 2009.

17. Lee, C.-S., Ho, J.C., and B. Ryou. "A Multi-Perspective Analysis of Culture and Technology Management: A Korea Case." Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, 2-6 August, 2009.
18. Hsieh, P. and Lee, C.-S. "A Conceptual Framework for Managing Innovation and Value Creation in Consumption-Oriented Service Clusters." The 6th Asia Academy of Management Conference, Taipei, Taiwan, 14-16 December, 2008.
19. Ho, J.C. and Lee, C.-S. "Technology Evaluation Strategies for Innovations: A Strategy Process Typology with Cases in Taiwan Semiconductor Sector." The Third European Conference on Management of Technology (EuroMOT 08), Nice, France, 17-19 September, 2008.
20. Lee, C.-S., Ho, J.C., and Wang, Y. "Disruptive Innovation in M-Commerce Business Models: A Case Study of Taiwan's Mobile Application Services Industry." The 17th International Conference on Management of Technology (IAMOT 2008), Dubai, UAE., 6-10, April 2008.
21. Lee, C.-S. and Hsieh, P. "A Framework for Analyzing Innovation and Value Creation Strategies in Regional Service Clusters." The 17th International Conference on Management of Technology (IAMOT 2008), Dubai, UAE., 6-10, April 2008.
22. Lee, C.-S., Ho, J.C., Wang, Y, and Chih, C. "Business Model Innovation in Mobile Commerce." Annual Conference of the Chinese Society for Management of Technology (CSMOT 2007), Taichung, Taiwan, 14-15. December 2007.
23. Lee, Christopher C., Lee, C.-S., Kwon, H., and Choi, M. "Web 2.0 Business Model: A Case of Facebook.com." Institute for Operation Research and the Management Sciences (INFORMS), Seattle, WA, 4-7, November 2007.
24. Chen, G.Y., Hsieh, P., and Lee, C.-S. "An Integrated Framework for Managing Service Innovation." Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, 5-9, August 2007.
25. Lee, C.-S., Christopher C. Lee, and Kwon, H. "A Framework of Outsourcing Decision-Making for Human Resource Information Systems." 2007 Korea Management of Information Systems (KMIS) International Conference, Seoul, Korea, 1 June, 2007.
26. Ho, J.C. and Lee, C.-S. "A New Perspective on Product and Service Personalization." The 16th International Conference on Management of Technology (IAMOT 2007), Miami, FL., 13-17, May 2007.
27. Ho, J.C., Liu, Y., and Lee, C.-S. "An Innovation Adoption Perspective of Studying Factors Contributed to the Process of Product Personalization." Chinese Society for Management of Technology (CSMOT 2006), Hsinchu, Taiwan, 8-9, December 2006.

28. Lee, C.-S., Berniker, E., Van Wyhe, G. "E-Commerce Disruptive Innovation in Charity and Non-Profit Fund Raising," Allied Academies Conference, Reno, NV., 18-20, October 2006.
29. Chen, G.Y., Lee, C.-S., and Hsu, C. "An Innovative Taxonomy for Managing Strategic Service Development." *Proceedings of the 15th International Conference on Management of Technology*, International Association of Management of Technology (IAMOT), Beijing, China, 22-26, May 2006.
30. Chen, G.Y., Lee, C.-S., and Fan, Y.-H. "Business Model Innovation in Service Industry – A Case Study of Taiwan's Cosmetic Industry." Annual Conference of the *Chinese Society of Management of Technology*, National ChengKung University, Taiwan. December 2005.
31. Lee, C.-S. and Niu, K.-H. "Formation and Linkages of Networks of High-Technology Industrial Clusters in the Asia Pacific Region." Paper presented in the Annual Conference of the *Academy of Management*, Honolulu, Hawaii. 6-11 August 2005.
32. Lee, C.-S., Niu, K.-H. and Sepic, F.T. "Analysis of Competitive and Cooperative Technology Strategies of Electronics Firms in the Greater China Region." *Portland International Conference on Management of Engineering and Technology (PICMET)*, Portland, OR, 1-5, August 2005.
33. Lee, C.-S., and Johnson, K. "Business Model Innovation in e-Philanthropy Industry." In M. Head (ed.) *Conference Proceedings of the Fifth World Congress on the Management of Electronic Business*. Hamilton, Ontario, Canada. 14-16 January 2004.
34. Lee, C.-S., Van Wyhe, G., and Johnson, K. "Impact of the Sarbanes-Oxley Act on Corporate Information Technology Strategy." *Proceedings of the American Society of Business and Behavioral Sciences*. 11(1), 2004, pp., 900-915.
35. Van Wyhe, G., Lee, C.-S., and Johnson, K. "Comparison and Analysis of Internal Control Compliance Methodologies." *Proceedings of the American Society of Business and Behavioral Sciences*. 11(1), 2004, pp., 1497-1508.
36. Sepic, F.T. and Lee, C.-S. "Global Competitiveness and Networks of Regional Industrial Clusters in Emerging Nations." *Eighth International Conference of the Academy of Business and Administrative Sciences*. Vancouver, B.C., Canada, 23-26 June 2003.
37. Lee, C.-S. and Johnson, K. "A Framework for Philanthropy in the Age of E-Commerce." *Eighth International Conference of the Academy of Business and Administrative Sciences*. Vancouver, B.C., Canada, 23-26 June 2003.
38. Lee, C.-S., and Niu, K.-H. "Global Competitive and Cooperative Strategies of High Technology Firms in Asia: An Analysis of electronics Industries in Taiwan and China." *Eighth International Conference of the Academy of Business and Administrative Sciences*. Vancouver, B.C., Canada, 23-26 June 2003.

39. Lee, C.-S. and Niu, K.-H. "A Case Study of Taiwan Electronics Industry's Supply Chain Management Strategy." *Proceedings of the 10th Annual Meeting Conference of the American Society of Business and Behavioral Sciences*. Las Vegas, Nevada, 20-23 February 2003, pp. 922-936.
40. Matti, C. and Lee, C.-S. "Tools for Smart Organization in Unknown Environments." Academy of Management, Denver, CO. 9-14 August 2002.
41. Briggs, L.J. and Lee, C.-S. "A Disruptive Innovation in a Manufacturing Environment: E-Business at the Boeing Fabrication Division." *The Second Annual Conference of the International Academy of E-Business*. Orland, Florida, 6-11 March 2002. The paper is published in the *E-Business Review*, Vol. II. *International Academy of E-Business*. Nacogdoches, TX, 2002, pp., 22-27.
42. Lee, C.-S., and Pecht, M. "Capturing the Benefits of Disruptive Innovation in E-Business Supply Chain Management." *Proceedings of the International Conference on Supply Chain Management and Information Systems in the Internet Age (SCMIS 2001)*. Hong Kong, China. 17-19 December 2001.
43. Lee, C.-S., McNabb, D., and Barnowe, J. "Environmental Issues in Taiwan and the U.S.: Public Perceptions, Attitudes, and Priorities." In *Proceedings of the Pan-Pacific Conference XVIII*. Vina del Mar, Chile. 28-30 May 2001.
44. Lee, C.-S. "An Analytical Framework for Evaluating E-Commerce Business Models and Strategies." In M. Head (ed.) *Conference Proceedings of the Second World Congress on the Management of Electronic Commerce*. Hamilton, Ontario, Canada. 17-19 January 2001 (Best Academic Paper Award).
45. Fong, C., Tseng, C., Lee, C.-S., and Chung, S. "The Effects of Pre-established Conditions, Formation Planning, and Post-established Interactions on the Performance of International Joint Ventures (IJVs): An Empirical Study of IJVs in Taiwan." Paper presented in the Annual Conference of the Academy of Management, Toronto, Canada. 4-9 August 2000.
46. Lee, C.-S., Pecht, M., and Chen, Y.S. "Chinese Electronics Industry in the Year 2000." In *Proceedings of International Microelectronics and Packaging Society (IMAPS) Taiwan Technical Symposium 2000*. Hsinchu, Taiwan. 26 April 2000.
47. Pecht, M., Lee, C.-S., Zong, X., Jiang, J., and Wang, Y. "Recent Developments in China's Electronics Industry." In *Proceedings of The Third International Symposium on Electronic Packaging Technology (ISEPT '98)*, 17-21 August 1998, Beijing, China. Tsinghua University Press, Beijing, China, 1998, pp. 24-36.
48. Xue, L., Beverly, J. and Lee, C.-S. "An Internet Application to Relieve Constraints in the Flow of Technical Information -- The Virtual Technology Market (VTM)." In *Global*

Complexity: Information, Chaos and Control -- Proceedings of the 59th annual meeting of the American Society for Information Science, 1996, 19-24 October 1996.

Books

1. Pecht, M. and Lee, C.-S. *The Chinese Electronics Industry*. Boca Raton, FL: CRC Press, Inc., 1999 (ISBN: 0-8493-3174-9).
2. Lee, C.-S., and Pecht, M. *The Taiwan Electronics Industry*. Boca Raton, FL: CRC Press, Inc., 1997 (ISBN: 0-8493-3170-6).
3. *Clintonomics - Economic Strategy and Public Policy of the Clinton Administration*. Taipei, Taiwan: Ka-Lai Enterprise, 1997 (ISBN: 957-97242-4-5, in Chinese).

Book Chapters

1. Lee, C.-S., Chen, G.Y., and Fan, Y. "Structure and Components of E-Commerce Business Models." In Mehdi Khosrow-Pour (ed.) *Encyclopedia of E-Commerce, E-Government, and Mobile Commerce*, Idea Group, Inc., 2006.
2. Lee, C.-S. "An Overview of Business Model Innovation in the Digital Economy." In Mehdi Khosrow-Pour (ed.) *Encyclopedia of Information Science and Technology I-V*, Idea Group, Inc., 2005.
3. Lee, C.-S. and Vonortas, N.S. "Business Model Innovation in the Digital Economy." In G.L. Doukidis, N. Mylonopoulos, and N. Pouloudi (eds.) *Social and Economic Transformation in the Digital Era*. Chapter XI, IDEA Group Publishing, 2004, pp. 163-181.
4. Lee, C.-S. and Pecht, M. "The Development of China Electronics Industry." In M. Pecht and Y.C. Chan (eds.) *China's Electronics Industry*, College Park, MD: CALCE EPSC Press, 2003, pp.51-73.
5. Xue, L. and Lee, C.-S. "Management of Overseas Production Facilities." In *The Technology Management Handbook*, Boca Raton, FL: CRC Press, Inc., 1999, pp. 22-9 - 22-15.

Others

1. M. Jackson, Lee, C.-S., and others. *Assessing and Mitigating Risks in Low Volume Complex Electronic Systems*. Research report presented at the University of Maryland's CALCE Electronic Products and Systems Consortium Fall Research Review and Planning Meetings, Baltimore, Maryland, 13-15 October 1998.
2. Lee, C.-S. and Albers, J. *2002 Information Technology Skills Survey: An Industry Perspective for Pierce County*. Tacoma-Pierce County Chamber of Commerce (Technology Consortium) and Pierce County Careers Consortium. May 2002.
3. Lee, C.-S. "E-commerce - A Disruptive Innovation in Our Network Economy." *Business Scene*, School of Business, Pacific Lutheran University, SP 2000, pp. 8-9

IV. AWARDS

1. *Research Award*. School of Business, Pacific Lutheran University, Academic Year 2011-2012.
2. *Wells Fargo Award for Excellence in Teaching*. School of Business, Pacific Lutheran University. Academic Year 2009-2010.

3. *Emerald Management Reviews Citation of Excellence*. “The DNA of Industrial Competitors” (co-authored with Dr. Jonathan C. Ho), *Research Technology Management* 51(4), 2008, pp. 17-20. The paper has been selected as one of the 50 best articles published (out of 15,000 journal articles) in 2008 in business and management. (<http://info.emeraldinsight.com/products/reviews/awards.htm>)
4. *Regency Advancement Award*. Pacific Lutheran University. Academic Year 2009-2010.
5. *Highly Commended Award* (Emerald Literati Network Awards for Excellence). The Literati Club, the Association for Emerald Editors and Authors, 2009, for the article “Strategic development of network clusters: A study of high technology regional development and global competitiveness” published in *Competitiveness Review: An International Business Journal*.
6. *Distinguished Research Award*, Allied Academies of International Conference, Reno, NV. 18-20, October 2006.
7. *K. T. Tang Faculty Excellence Award in Research*, Pacific Lutheran University, Academic Year 2005-2006.
8. *Top 50 Most Downloaded Articles* award, 2005. Emerald Literati Network An analytical framework for evaluating e-commerce business models and strategies”, *Internet Research: Electronic Networking Applications and Policy*, 11(4), 2001.
9. *Research Award*. School of Business, Pacific Lutheran University, Academic Year 2002-2003, 2005-2006, and 2008-2009.
10. *Faculty Grant Award* (with Dr. Eli Berniker), Wang Center for International Programs, Pacific Lutheran University, Academic Year, 2004-05.
11. *Dean’s Award for Service*. School of Business, Pacific Lutheran University, Academic Year 2002-2003.
12. *Faculty Teaching Award*. Center for Teaching and Learning, Pacific Lutheran University. Academic Year 2001-2002.
13. *Highly Commended Award*. The Literati Club, The Association for Emerald Editors and Authors, 2002, for the article entitled “An Analytical Framework for Evaluating E-Commerce Business Models and Strategies” published in the *Internet Research: Electronic Networking Applications and Policy* in 2001.
14. *Wells Fargo Award for Excellence in Teaching*. School of Business, Pacific Lutheran University. Academic Year 2000-2001.
15. *Best Academic Paper Award*. Second World Congress on the Management of Electronic Commerce. Hamilton, Ontario, Canada. 17-19 January 2001.
16. *Regency Advancement Award*. Pacific Lutheran University. Academic Year 2001-2002.
17. *Excellence in Teaching Award*. School of Business, Pacific Lutheran University. Academic Year 1999-2000.

V. PROFESSIONAL ACTIVITIES

- A. International Honor Society
 - a. Beta Gamma Sigma
- B. Professional Trainings and Workshops

- a. *Fundraising for Deans Workshop* (presented by Valerie Eickmeier and Jake Heuser) organized by Academic Impressions, Seattle, WA, 29-30 October 2018.
- b. *Maximize the Effectiveness of Nonprofit Board* workshop (presented by Simone Joyaux), Tacoma, WA, 23 February 2017.
- c. *AACSB Continuous Improvement Review Seminar*, New Orleans, LA, 4 February 2017.
- d. *Fundraising Workshop* (Gail Perry), Tacoma, WA, 15 November 2016.
- e. *AACSB Accreditation Volunteer Training*, Minneapolis, MN, 20 September 2016.
- f. *AACSB New Deans Seminar*, Denver, CO, 26-28 June 2016.
- g. *AACSB Advisory Council Seminar*, Boston, MA, 1-2 April 2016.
- h. *AACSB Accreditation Workshop*, Chicago, IL, 20 September 2015.
- i. *AACSB Associate Dean's Seminar*, San Antonio, TX, 9-11 November 2014.
- j. *AACSB Mentor Training Workshop*, San Antonio, TX, 11 November 2014.
- k. 18th Annual Madigan Army Medical Center Fall Faculty Development Workshop, McChord Club, Joint Base Lewis-McChord, WA, 1-2 November 2012
- l. *Learning to Teach – Learning to Lead*, Faculty Development Conference, Madigan Army Medical Center, Joint Base Lewis-McChord, Lakewood, WA, 28-29 October 2010.
- m. *Art and Craft of Discussion Leadership*, Harvard Business School, Boston, MA 13-14 March 2009.
- n. *Connecting Student Learning Outcomes to Teaching, Assessment, and Curriculum*, Alverno College, Milwaukee, WI, 24-27 June 2002.
- o. *Association to Advance Collegiate Schools of Business (AACSB) Management Education E-Commerce Seminar*, Boston, MA, 1-4 June 2000 and Atlanta, GA, 16-19 May 2001.
- p. *Murdock Technology Initiative Development Workshop*, Seattle University, Seattle, WA, 16-20 July 2001.

C. Professional Affiliations

- a. Academy of Management (since 1995)
- b. Strategic Management Society (since 1995)
- c. American Economic Association (since 1984)
- d. International Association of Management of Technology (since 2006)
- e. International Chinese Information System Association (since 2009)
- f. Society for Information Management (since 1998)

D. Journal Editorial Board Member

- a. *Technological Forecasting & Social Change* (Elsevier), 2015 to present
- b. *Journal of Competitiveness Studies* (American Society for Competitiveness), 2014 to present
- c. *International Journal of Innovation and Technology Management* (World Scientific Publishing), 2009 to present
- d. *Journal of International Technology and Information Management* (bepress), 2012 to present
- e. *Competitiveness Review: An International Business Journal incorporating Journal of Global Competitiveness* (Emerald Publisher), 2007 to 2013.

E. Chief Guest Editor

A special issue on Regional Cluster and Global Competitiveness for *Competitiveness Review: An International Business Journal incorporating Journal of Global Competitiveness* (Emerald Publisher), 2008- 2011.

F. Selected Presentations, Panel Discussions, and Professional Seminars

- a. “Ph.D. workshop: Successful Academic Career Development in Higher Education.” Institute of International Management, National Cheng Kung University, November 30, 2018.
- b. “Value Creation and Strategic Orientation in Business Innovation.” College of Management, Yuan Ze University, Taiwan, November 27, 2018.
- c. “Design and Methods of Case Study Research with an Application to International Business Research.” Institute of International Management, National Cheng Kung University, July 24, 2017.
- d. “Theory Testing and Theory Building using Case Study Research Methodology.” Institute of International Management, National Cheng Kung University, August 10, 2016.
- e. “Writing an Effective Research Proposal” Institute of International Management, National Cheng Kung University, December 24, 2015.
- f. “Managing IT-enabled Disruptive Innovation” Institute of International Management, National Cheng Kung University, December 24, 2015.
- g. “Workshop on Innovation Management” Executive Development Program (EDP), Sun Yat-Sen Business School, Guangzhou, China, June 14, 2015.
- h. “Demystifying and Using Case Study Research Method.” Institute of International Management, National Cheng Kung University, June 2, 2015.
- i. “Service Innovation Workshop.” Institute of International Management, National Cheng Kung University, June 5 and 12, 2014.
- j. “E-Commerce 3.0: From the Experience Economy to the Engagement Economy.” Institute of International Management, National Cheng Kung University, June 5, 2013.
- k. “A framework for Managing Innovation for Global Competitive Advantage.” Keynote speech at the International Conference on Economic Development and Business Innovation under Globalization, Yu Da University, Miaoli County, Taiwan, May 28, 2013.

- l. “New Perspectives on Technology and Innovation Management.” College of Technology Management, National Tsing Hua University, Hsinchu, Taiwan, April 7, 2012
- m. “Tiger or Mouse? Disruptive Thinking and Practices in Innovation Management.” MBA Forum, Yuan Ze University, December 15, 2011.
- n. Keynote speaker at the 2011 International Conference of Business Environment and Economic Development, Yu Da University, Taiwan, December 13, 2011.
- o. “Innovation and Business Information System Trends for 2012.” Institute of International Management, National Cheng Kung University, December 9, 2011.
- p. “Transformative Innovation Management.” College of Management, National Chaiyi University, Taiwan, December 6, 2011.
- q. “American Higher Education System: Implications for Business Education in Taiwan.” College of Commerce, Ching Yun University, November 29, 2011.
- r. “Emerging Trends and Challenges in Technology & Innovation Management.” School of Business 50th Anniversary Faculty Workshop, Pacific Lutheran University, March 12, 2011.
- s. “Theory and Practices of Case study research method.” Yuan Ze University, Taiwan, June 15, 2010.
- t. “Case Study Research Design and Methods.” Institute of International Management, National Cheng Kung University, Taiwan, June 8, 2010.
- u. “Managing Disruptive Innovation in Information Technologies and Systems.” Institute of International Management, National Cheng Kung University, Taiwan, January 8, 2010.
- v. “Managing Complex Global Supply Chain Systems.” College of Management, National Sun Yat-Sen University, Taiwan, January 4, 2010.
- w. “Emerging Trends and Challenges in Managing Technology and Innovation.” The Intel Corporation, DuPont, WA. November 3, 2009.
- x. “Impacts of Global Recession on Supply Chain Management.” Executive MBA Program, Yuan Ze University, Taiwan, June 3, 2009.
- y. “Service Business Model Innovation.” Institute of Knowledge Service and Innovation (IKSI), Yuan Ze University, Taiwan, May 25, 2009.
- z. “Theory and Practices of Case Study Research Methodology.” Department of International Business, Yuan Ze University, Taiwan. June 14, 2007.
- aa. *Innovation Management*. A three-day workshop (18 hours) presented for the *Far-Eastern Group’s* (Taiwan) Business Executive Training Program. June 2005.
- bb. “The Evolution of U.S. Science and Technology Policy.” Graduate Institute of Technology Management, TsingHua University, Hsin-Chu, Taiwan. May 12, 2005.
- cc. “Science & Technology Policy Agenda in U.S. Presidential Election Campaign” Graduate School of Management Professor Forum, Yuan Ze University, Taiwan. September 23, 2004.
- dd. *E-Business Strategy and Management*. A six-day workshop (36 hours) prepared for the *Far-Eastern Group’s* (Taiwan) Business Executive Training Program. November-December 2004.
- ee. *Technology as a Catalyst and Facilitator of Change*. A one-day professional seminar (Muckleshoot Indian Tribe Professional Development Workshop Series) sponsored by the PLU Center for Executive Development. May 12, 2004.

- ff. "A Framework for an Intelligent E-Business Information System for Small Retail Business." (with Sam Chung), Institute of Technology, University of Washington, Tacoma, February 4, 2003.
- gg. *Excellence in Supply Chain Management*. A one-day short course in Electronic Products and Systems organized by CALCE Electronic Products and Systems Center at University of Maryland and ERS, Inc. January 22, 2002.
- hh. *E-Commerce: Principles-Models-Strategies*. A one-day professional seminar sponsored by the Center for Executive Development, Pacific Lutheran University. December 4, 2001.
- ii. "Critical Success Factors for Formulating E-Commerce Business Strategy." National Central University, Chungli, Taiwan. June 8, 2001.
- jj. *Using E-Commerce to Create Greater Value in Your Business*. A one-day seminar sponsored by the Greater Yakima Chamber of Commerce and Heritage College in Yakima, Washington. February 10, 2001.
- kk. "Value Creation in the Era of Business Ecosystems." Intel Solution Services Group, The Intel Corporation, Santa Clara, California (November 13, 2000), Folsom, California (November 29, 2000), and DuPont, Washington (December 6, 2000).
- ll. *Strategies in Electronic Commerce*. A one-day e-commerce seminar sponsored by the Center for Executive Development, Pacific Lutheran University. November 14, 2000.
- mm. Served as one the panelists at the Tacoma Technology Consortium's (TTC) discussion on the topic: "How Long Can Tacoma-Pierce County Maintain Its Competitive Advantage for Technology?" August 16, 2000.
- nn. *Excellence in Avionics Supply Chain Management*. A one-day seminar sponsored by the CALCE Electronic Products and Systems Consortium, University of Maryland, College Park, Maryland. August 10, 2000.
- oo. "Current Trends in Medical e-Business" Madigan Army Medical Center, Tacoma, Washington. May 10, 2000.
- pp. Delivered a series of seminars in electronic commerce and technology & innovation management at the College of Business Administration, Chongqing University in Chongqing, China on March 19-22, 2000.
- qq. Delivered a series of seminars in electronic commerce and technology management to the Economic Trade & Commission of the Sichuan Province in Sichuan, China on March 23-25, 2000.
- rr. Presented "Effective E-Commerce Strategies in the Automobile Industry" to senior executives at the Chang'an Automobile Group (CAG) in Chongqing, China on March 22, 2000.
- ss. Presented "Electronic Commerce Applications in the Consumer Electronics Industry" at the Changhong Electronics Company, China's largest consumer electronics company located in Mianyang, Sichuan, on March 24, 2000.

G. Ph.D. Dissertation and MBA Thesis Advising and Examination Committee

- a. Asia-Pacific Studies, College of Social Sciences, National Chengchi University, Taipei, Taiwan, 2015-2016
- b. College of Management, Yuan Ze University, Taiwan, 2004 – 2012
- c. Institute of International Management, National Cheng Kung University, Tainan, Taiwan, 2009 – 2013

- d. DeGroot School of Business, McMaster University, Ontario, Canada, 2003
- a. School of Management, National Central University, Taiwan, 2002
- b. Graduate School of Management & Technology, University of Maryland University College, Adelphi, Maryland, 2012

H. Tenure and Promotion Outside Examiner

- a. Milgard School of Business, University of Washington, Tacoma, Fall 2007
- b. School of Business, University of Washington, Bothell, Fall 2018

I. Members of Corporate and Non-Profit Advisory Board

- a. Junior Achievement of Washington, 2018 – present
- b. Tacoma-Alesund Sister City Committee, 2018 – present
- c. DonationDepot.com, Tacoma, Washington (Board of Directors), 2000-2003
- d. iWebHatch.com, Tacoma, Washington (iWebHatch.com is a private incubator company), 2000 - 2002
- e. Web-X, Tacoma, Washington (Senior e-Business Strategy Consultant) 2000-2003

VI. TEACHING EXPERIENCE

1. School of Business, Pacific Lutheran University, Tacoma, Washington, 1998 – current
2. College of Management, Yuan Ze University (YZU), Chungli, Taiwan, 2004-2005 and 2011-2012
3. School of Engineering and Applied Sciences, The George Washington University, Washington, D.C., 1997-1998 (part-time)
4. Graduate School of Management of Technology, University of Maryland University College, Adelphi, Maryland, 1997-1998 (part-time)
5. University of Maryland University College, Adelphi, Maryland, 1988-1989. (Principles of Economics and Public Finance)

VII COURSES TAUGHT AT THE GRADUATE LEVEL

Managing Innovation and Technological Change (Pacific Lutheran University (PLU))
 Business Strategy and Innovation Management (PLU)
 Project Management (PLU)
 Managing Innovation (PLU)
 Technology Management (PLU)
 Technology and Competitive Analysis (PLU)
 Managerial Economics (PLU)
 Global Business Perspectives (PLU)
 Strategic Management of Technology (PLU)
 Doctoral Seminar on Technology & Innovation Management (YZU)
 Service Innovation (Yuan Ze University (YZU))
 Marketing of Technology (George Washington Univ. and YZU)
 Special Topics in High Technology Management (YZU)
 Technology Transfer and Commercialization (PLU, YZU)

Management of Information Technology and Systems (PLU)
Database and Data Communications Networks (PLU)
Electronic Business and Commerce (PLU, YZU)
Introduction to Technology Management (University of Maryland University College)

VIII. ACCREDITATION AND PROGRAM REVIEW COMMITTEE

1. AACSB Accreditation Peer-Review Team member: *Valparaiso University*, Valparaiso, IN, April 2020.
2. AACSB Accreditation Peer-Review Team member: *Susquehanna University*, Selinsgrove, PA, January 2020.
3. AACSB Accreditation Peer-Review Team member: *Pepperdine University*, Malibu, CA, November 2020.
4. AACSB Accreditation Peer-Review Team member: *National Taipei University of Technology* (Taipei Tech), Taipei, Taiwan, May 2019.
5. AACSB Accreditation Peer-Review Team member: *Woodbury University*, Burbank, CA, January 2019.
6. AACSB Accreditation Peer-Review Team (PRT) member: *Butler University*, Indianapolis, IN, February 2018.
7. *University of Washington Bothell, School of Business Academic Program Review Committee*, 2017-2018.

IX. SELECTED UNIVERSITY COMMITTEE AND OTHER SERVICES

1. *Academic Deans Council*, Pacific Lutheran University, 2016 – present
2. *Strategic Enrollment Management Advisory Committee* (SEMAC), Pacific Lutheran University, 2018 – present
3. *Provost's Academic Council*, Pacific Lutheran University, 2016 – present
4. *Program-Affiliated Faculty*, Pacific Lutheran University Chinese Studies Program, 2014 – 2017.
5. *Human Participants Review Board Unit Designate*, Pacific Lutheran University, 2014-16.
6. *Judging Coordinator*, Pacific Lutheran University Business Plan Competition sponsored by the Herbert B. Jones Foundation, 2010, 2011, 2014, 2015, 2016
7. *International Student Enrollment Task Force*, Pacific Lutheran University, 2014 - present
8. *East Asia Council*, Pacific Lutheran University, 2013 - 2017
9. *Graduate Council*, Pacific Lutheran University, 2014 – present
10. *Instructional Resource Committee* (Elected by the General Faculty), Pacific Lutheran University, 2002-2004 and 2005-2008
11. *Faculty Executive Committee* (Elected by the School of Business Faculty), 2006-2009, 2009-2012, and 2015-2018.
12. *Graduate Studies Committee*, 1998-current, *Faculty Search Committee* (2001, 2006, 2008, 2009 and 2012, 2015), *Research Committee* (2014–2015), School of Business, Pacific Lutheran University
13. *General Education Curriculum Committee*, 2004-2005, Yuan Ze University, Taiwan.
14. *Project Committee*, Rotary Club of Tacoma, 2007 - present

X. COMMUNITY SERVICE

Rotary Club (Tacoma No.8), March 2007- current

Last update: December 1, 2018