

## **MEI-HSIANG WANG (汪美香)**

Department of Information  
Management  
Southern Taiwan University of Science  
and Technology  
No. 1, Nan-Tai Street, Yongkang Dist.,  
Tainan 71005, Taiwan

Office: L306-3  
☎: 886-6-2533131 ext. 4324  
✉: [shiang@stust.edu.tw](mailto:shiang@stust.edu.tw)



### **Education**

- Doctor, Department of Business Administration, National Cheng Kung University, 2001/7
- Master, Department of Information Management, National Central University, 1994/7
- Bachelor, Department of Information Management, National Sun Yat-Sen University, 1992/7

### **Area of Specialty**

- Social Networking Services
- Project Team
- Knowledge Management

### **Academic Experience**

- Associate Professor, Department of Information Management, Southern Taiwan University of Science and Technology, 2003/8 to present
- Associate Professor, Department of Information Management, Kun Shan University, 2001/8~2003/7
- Instructor, Department of Information Management, Kun Shan University, 1994/8~2001/7

### **Publications**

#### **Journal Papers:**

1. **Wang, Mei-Hsiang\***, Tarng-Yao Yang, and Chih-Cheng Wei (2016), "Creating Social Networking Environment for Workers through a Mean-End Chains Model: Knowledge Collaboration and Productivity Perspective," *Journal of E-Business*, (Accepted). [TSSCI] (MOST 103-2410-H-218-024).
2. **Wang, Mei-Hsiang\*** (2016), "Factors Influencing Usage of E-learning Systems in Taiwan's Public Sector: Applying the UTAUT Model," *Advances in Management &*

- Applied Economics, 6(6), 63-82. **[ABI]**.
3. **Wang, Mei-Hsiang\***, Tarng-Yao Yang, Yi-Shiou Chen (2016), "How Workers Engage in Social Networking Sites at Work: A Uses and Gratification Expectancy Perspective," *International Journal of Organization Innovation*, 8 (4), 161-176. **[EI]** (MOST 102-2410-H-218-005).
  4. **Wang, Mei-Hsiang\***, Tarng-Yao Yang (2016), "Investigating the Success of Knowledge Management: An Empirical Study of Small- and Medium- Sized Enterprises," *Asia Pacific Management Review*, 21(2), 79-91. **[TSSCI]** (NSC 97-2410-H-218-005).
  5. **Wang, Mei-Hsiang\***, and Tarng-Yao Yang (2015), "Explaining Team Creativity through Team Cognition Theory and Problem Solving based on Input-Mediator-Output Approach," *Journal of E-Business*, 17 (1), 91-138. **[TSSCI]** (MOST 101 2410-H-218-009).
  6. **Wang, Mei-Hsiang\***, Shih-Che Lin and Tarng-Yao Yang (2014), "Understanding the Antecedents of Team Performance: The Importance of an Expertise-Centered Coordination," *Asia Pacific Management Review*, 19 (2), 151-172. **[TSSCI]**(NSC99-2410-H-218-007).
  7. **Wang, Mei-Hsiang\***, and Ya-Lun Chen (2013), "Critical Factors on Using Intention of Pirated Softwares: The View of Equity Theory and Social Cognitive," *Journal of Southern Taiwan University of Science and Technology*, 38 (4), 99-116. (in Chinese).
  8. **Wang, Mei-Hsiang\***, and Ping-Hsien Huang (2012), "The Relationship between Professional Skills and Creativity: The Mediating Role of Creative Self-efficacy," *Journal of Southern Taiwan University of Science and Technology*, 37 (4), 1-14. (in Chinese)
  9. **Wang, Mei-Hsiang**, Chen-Fen Huang\* and Tarng-Yao Yang (2012), "Acceptance of Knowledge Maps: An Empirical Examination of System Characteristics and Knowledge Map Self-efficacy," *Asia Pacific Management Review*, 17 (3), 263-280. **[TSSCI]**(NSC97-2410-H-218-005)
  10. **Wang, Mei-Hsiang**, Chen-Fen Huang\* and Tarng-Yao Yang (2012), "The Effect of Project Environment on the Relationship between Knowledge Sharing and Team Creativity in Software Development Context," *International Journal of Business and Information (IJBI)*, 7 (1), 59-80. **[ABI]**(NSC96-2416-H-218-013)
  11. **Wang, Mei-Hsiang\*** and Tarng-Yao Yang (2012), "Measuring Team Creativity in an Information Systems Development Context: Scale Development and Validation," *Journal of Southern Taiwan University of Science and Technology*, 37 (2), 1-12. (NSC96-2416-H-218-013)
  12. **Wang, Mei-Hsiang\*** (2012), "The Effects of Internet Group Dynamics, External Support Mechanisms and Team Process on Team Effectiveness," *Journal of Southern*

- Taiwan University of Science and Technology*, 37 (2), 13-32. (in Chinese)
13. Huang, Chen-Fen\* and **Mei-Hsiang Wang** (2011) "Career Anchors of MIS Undergraduates and IS Professionals in Taiwan: A Longitudinal Comparative Study," *Journal of Information Management*, 18(2), 99-130. [TSSCI]
  14. **Wang, Mei-Hsiang\*** and Tarng-Yao Yang (2011), "The Relationships between Knowledge Management Mechanisms and Organizational Effectiveness from the View of Balanced Scorecard," *Journal of Southern Taiwan University of Science and Technology*, 36 (4), 63-78. (in Chinese)
  15. **Wang, Mei-Hsiang\*** and Chih-Chien Tseng (2011), "The Impact of Relationship Learning, Relationship Memory on Purchasing Performance: An Example of the Air Force Unit," *Journal of Southern Taiwan University of Science and Technology*, 36 (4), 31-46. (in Chinese)
  16. **Wang, Mei-Hsiang\***, Tarng-Yao Yang and Po-Chun Liu (2010) "The Impact of Knowledge Sharing and Projects Complexity on Team Creativity: An Example of Information Systems Development," *Journal of E-Business*, 12(1), 73-102. [TSSCI] (in Chinese)
  17. **Wang, Mei-Hsiang\***, Tarng-Yao Yang and Kuo-Chan Huang (2009) "The Impact of Knowledge Sharing Types and Team Learning Capability on Team Creativity," *Journal of Information Management*, 16(1), 181-202. [TSSCI] (in Chinese) (NSC96-2416-H-218-013)
  18. **Wang, Mei-Hsiang**, Tarng-Yao Yang and Chao-Sen Wu (2006) "The Impact of ISD Team Members' Self-efficacy, Team Interaction and Team Trust on Team Effectiveness: The Mediating Effect of Knowledge Sharing," *NTU Management Review*, 16(2), 73-100. [TSSCI] (in Chinese) (NSC93-2416-H-218-016)
  19. **Wang, Mei-Hsiang\*** and Quey-Jen Yeh (2004) "An Exploratory Study on the Interaction Patterns of Information System Project Team Members," *NTU Management Review*, 14(2), 79-108. [TSSCI] (in Chinese) (NSC 90-2416-H-168-009)
  20. Yeh, Quey-Jen and **Mei-Hsiang Wang\*** (2003) "Job Stress, Job Satisfaction, and Teamwork Identity of MIS Professionals," *NTU Management Review*, 14(1), 79-118. [TSSCI Observed] (in Chinese) (NSC 90-2416-H-168-004-SSS)

### Conference Papers:

1. Cheng, Tsung-Pang and **Mei-Hsiang Wang** (2016) "Information Security Analysis of Small-sized Hospitals: Staff and Expert Views," The E-Learning and Information Technology Symposium, Tainan, Taiwan, March.
2. **Wang, Mei-Hsiang** and Shu-Chin Huang (2016) "Integrating Technology Acceptance Model to Analyze Users' Facebook Behaviors - An Example of Senior Citizen," The E-Learning and Information Technology Symposium, Tainan, Taiwan, March.
3. **Wang, Mei-Hsiang**, Tarng-Yao Yang, and Li-Wei Chang (2015) "Sharing Knowledge through Social Networking Sites in System Development Projects," International

- Conference on Internet Studies, Japan, July. 18-19. (MOST 103-2410-H-218-024)
4. **Wang, Mei-Hsiang**, Tung-Ming Koo, Tarnng-Yao Yang, and Huey-Yeh Lin (2014) "Findings on SNSs at Workplace: An Integrated Framework of Motivation Theory and Uses and Gratifications Expectancy Theory," 2014 International Business Conference in San Francisco, USA, Oct. 4. (NSC 102-2410-H-218-005)
  5. **Wang, Mei-Hsiang** and Yen-Chang Wu (2013) "The Relationships between Team Cognition and Team Creativity," The Nineteenth Conference on Information Management Practice, Taichung, Taiwan, December 7. (NSC 101-2410-H-218-009)
  6. **Wang, Mei-Hsiang**, Tarnng-Yao Yang, and Yi-Shiou Chen (2013) "Workers' Use of Social Networking Sites (SNS) in Taiwan," The Ninth International Conference on Knowledge-Based Economy & Global Management, Tainan, Taiwan, November 7-8. (NSC 102-2410-H-218-005)
  7. Yang, Tarnng-Yao, **Mei-Hsiang Wang**, and Chen-Fen Huang (2013), "Exploring Team Creativity from Team Cognition Theory and Problem Solving Perspective," International Conference on e-Commence, e-Administration, e-Society, e-Education, and e-Technology, Kitakyushu, Japan, April 3- 5. (NSC 101-2410-H-218-009)
  8. Huang, Chen-Fen and **Mei-Hsiang Wang**, (2013), "Protean Career Orientation of IS Employees: An Empirical Analysis," International Conference on e-Commence, e-Administration, e-Society, e-Education, and e-Technology, Kitakyushu, Japan, April 3- 5.
  9. **Wang, Mei-Hsiang**, Chen-Fen Huang, and Tarnng-Yao Yang (2012), "Antecedents and Consequences of Team Knowledge in Software Development Projects," International Conference on e-Commence, e-Administration, e-Society, e-Education, and e-Technology, Hong Kong, March 30- April 1. (NSC99-2410-H-218-007)
  10. Huang, Chen-Fen, Wan-Hua Tseng, and **Mei-Hsiang Wang** (2012), "The Study of Promotion Plateau of Knowledge Workers in High-Tech Industries," International Conference on e-Commence, e-Administration, e-Society, e-Education, and e-Technology, Hong Kong, March 30- April 1.
  11. **Wang, Mei-Hsiang** and Shih-Che Lin (2011) "Understanding the Antecedents of Effective System Development Performance: The Importance of Expertise Coordination," International Conference on Business and Information, Bangkok, Thailand, July 04-06. (NSC99-2410-H-218-007)
  12. Yang, Tarnng-Yao, Chen-Fen Huang, and **Mei-Hsiang Wang** (2011) "Investigating the Success of Knowledge Management Systems: An Empirical Study of IS professional in Taiwan," International Conference on Business and Information, Bangkok, Thailand, July 04-06. ( NSC97-2410-H-218-005)
  13. **Wang, Mei-Hsiang**, Wen-Cheng Chou (2011) "The Effectiveness of Knowledge Management Implementation from the Perspective of KMS Success: The Empirical Study of Knowledge Workers," International Conference on Business and Information, Kaohsiung, Taiwan, May 30. (NSC97-2410-H-218-005)
  14. **Wang, Mei-Hsiang** and Yu-Hsing Chen (2011), "The Impact of Knowledge Absorption and Capacity, Personality Traits, and IT Usage on Individual Creativity: The Empirical Study of IS Professionals," International Conference on Advanced Information Technologies (AIT), Taichung, Taiwan, April 23.
  15. **Wang, Mei-Hsiang** and Wen-Ling Ai (2011), "Using a Content Analysis Method to Explore Coordination Mechanisms of ERP Project Teams," International Conference on Advanced Information Technologies (AIT), Taichung, Taiwan, April 23.

16. **Wang, Mei-Hsiang** and Ya-Lun Chen (2011), "A Study of Influencing Factors on Using Crack Softwares for Vocational High School Students" The E-Learning and Information Technology Symposium, Tainan, Taiwan, March 30.
17. **Wang, Mei-Hsiang** and Yu-Ming Lin (2010) "Analyzing the Impact of Knowledge Integration Practice on Team Performance from the Perspective of Knowledge Integration," The Twenty-second International Conference on Information and Management, Taichung, Taiwan, May 21. (NSC99-2410-H-218-007)
18. **Wang, Mei-Hsiang** and Shih-Che Lin (2010) "An Empirical Investigation of Coordination Mechanisms and Performance in Software Development Teams," The Sixteenth Conference on Information Management Practice, Yunlin, Taiwan, December 11. (NSC99-2410-H-218-007)
19. **Wang, Mei-Hsiang**, Chen-Fen Huang, and Keng-Liang Huang (2010), "Empirical Validation of the Relationships between Knowledge Management Success and Team Creativity in ISD Teams," International Conference on Business and Information, Kitakyushu, Japan, July 05-07. (NSC97-2410-H-218-005)
20. Huang, Chen-Fen and **Mei-Hsiang Wang** (2010), "Career Plateau among IS Professionals: The Effects of Age and Industries Types," International Conference on Business and Information, Kitakyushu, Japan, July 05-07.
21. **Wang, Mei-Hsiang**, and Tsun-Chih Lee (2010), "The Relationships between Absorptive Capacity and System Performance: An Example of Banking Core Systems," Conference on Information Management and Electronic Commerce, Taitung, Taiwan, May 14.
22. **Wang, Mei-Hsiang** and Keng-Liang Huang (2010), "The Relationships between Knowledge Management Success and ISD team creativity: The Mediating Roles of KM effectiveness and UIS," International Conference on Advanced Information Technologies (AIT), Taichung, Taiwan, April 23. ( NSC97-2410-H-218-005)
23. **Wang, Mei-Hsiang** and Ping-Hsien Huang (2010), "The Effects of Professional Skills and Creative Self-efficacy on Team Creativity," The E-Learning and Information Technology Symposium, Tainan, Taiwan, March 31.
24. **Wang, Mei-Hsiang** and Chih-Chien Tseng (2010), "The Influence of Relationship Learning, Relationship Memory on Governmental Purchasing Performance: A Case Study of the Air Force Unit," The E-Learning and Information Technology Symposium, Tainan, Taiwan, March 31.
25. **Wang, Mei-Hsiang**, Chen-Fen Huang, Tarng-Yao Yang and Yi-Na Wu (2010), "Measuring Team Creativity in an Information Systems Development Context: Scale Development and Validation," International Conference on e-Commerce, e-Administration, e-Society, and e-Education, Macau, China, January 25-27. (NSC96-2416-H-218-013)
26. Huang, Chen-Fen and **Mei-Hsiang Wang** (2010), "The Impact of Gender Differences, Education Systems Types, Work Experiences on Career Anchors of MIS Undergraduate Students," International Conference on e-Commerce, e-Administration, e-Society, and e-Education, Macau, China, January 25-27.
27. **Wang, Mei-Hsiang** and Wei-Ting Chen (2009) "Can Knowledge Management Activities improve the Creativity of ISD Team Members," The Fifteenth Conference on Information Management Practice, Kaohsiung, Taiwan, December 12. (NSC97-2410-H-218-005)
28. **Wang, Mei-Hsiang** and Chia-Chang Lee (2009) "Users Acceptance for E-Learning System: An Example of Tainan City Government's Employees," The Fifteenth

- Conference on Information Management Practice, Kaohsiung, Taiwan, December 12.
29. **Wang, Mei-Hsiang** and Hung-Chih Shih (2009), "Structural Equation Modeling Analysis of the Adoption of Knowledge Map: An Example of Tainan City Government's Employees," The E-Learning and Information Technology Symposium, Tainan, Taiwan, April 1.
  30. **Wang, Mei-Hsiang**, Chen-Fen Huang, and Tarng-Yao Yang (2009), "The Impact of Knowledge Sharing modes and Projects Complexity on Team Creativity in Taiwan's Information Systems Development Teams," International Conference on e-Commerce, e-Administration, e-Society, and e-Education, Singapore, January 8-10. (NSC96-2416-H-218-013)
  31. Huang, Chen-Fen, **Mei-Hsiang Wang**, and Shi-Yi Lin (2009), "Career Orientations Dynamics of MIS Undergraduate Students in Taiwan," International Conference on e-Commerce, e-Administration, e-Society, and e-Education, Singapore, January 8-10.
  32. **Wang, Mei-Hsiang** and Yu-Jung Chen (2008) "The Influencing Factors of ISD Team Creativity from the perspective of Knowledge Management: The Moderating Effects of Project Complexity," The Fourteenth Conference on Information Management Practice, Taipei, Taiwan, December 13. (NSC96-2416-H-218-013)
  33. **Wang, Mei-Hsiang** and Yi-Na Wu (2008), "Scale Development of ISD Team Creativity and Validation of Reliability/Validity," The Fourteenth Conference on Information Management Practice, Taipei, Taiwan, December 13. (NSC96-2416-H-218-013)
  34. **Wang, Mei-Hsiang**, Chen-Fen Huang, and Tarng-Yao Yang (2008), "Extending the TAM for Knowledge Maps: An Example of Virtual Community," International Conference on Business and Information, South Korea, July 07-09.
  35. Huang, Chen-Fen, **Mei-Hsiang Wang**, and Wen-Liang Wang (2008), "The Impacts of Computer-Mediated Communication Medium, Task Types, and Member Relations on Team Communication Effectiveness," International Conference on Business and Information, South Korea, July 07-09.

### **Dissertation:**

- Wang, Mei-Hsiang (2001) "*The Interaction Patterns among Developers during Information Systems Development*," Ph.D. Dissertation, National Cheng Kung University.

### **Grants**

1. Ministry of Science and Technology, No: 104-2410-H-218-018, "Exploring the Effects of Company-Internal Social Media Use on Social Constructs Development and Organization Value Creation at Workplace: A Longitudinal Analysis of Taiwanese Companies," 2015/08/01~2016/07/31.
2. Ministry of Science and Technology, No: 103-2622-H-218-005-CC3, "The Research and Development of Intelligent Decision Support System based on Pharmacy Scheduling of Lozenge," 2014/11/1~2015/10/31.
3. Ministry of Science and Technology, No: 103-2410-H-218-024-, "Creating Social Networking Environment for ISD Teams through a Means-End Chain Model: Knowledge Collaboration and Productivity Perspectives," 2014//1~2015/7/31.
4. National Science Council, No: 102-2410-H-218-005-, "Why and How IT Workers Engage in Social Networking at Work: A Uses and Gratifications Expectancy

- Perspective," 2013/8/1~2014/7/31.
5. National Science Council, No: 101-2410-H-218-009-, "Explaining Team Creativity through Team Cognition Theory and Problem Solving Perspective over Time: A Longitudinal Study based on the IMO Approach," 2012/8/1~2013/7/31.
  6. National Science Council, No: 99-2410-H-218-007-, "The Impact of Coordinative Practices, Knowledge Coordination and Problem-solving on Team Performance from Knowledge-based Perspective," 2010/8/1~2011/7/31.
  7. National Science Council, No: 97-2410-H-218-005, "Examining the Relationships between Knowledge Management and Team Creativity based on KM Success Model: An Empirical Study of ISD Teams," 2008/8/1~2009/7/31.
  8. National Science Council, No: 96-2416-H-218-013, "A Study of Factors that Affect ISD Team Creativity from a Knowledge Management Perspective: The Moderating Effects of ISD Project Complexity," 2007/8/1~2008/7/31.
  9. National Science Council, No: 94-2416-H-218-014-, "The Influences of KM Infrastructure, KM Processes and KM Effectiveness on Organization Performance: The Perspective of I-P-O Model," 2005/8/1~2006/7/31.
  10. National Science Council, No: 93-2416-H-218-016-, "The Study of Relationships among Team Structure, Self-efficacy, Team Interaction, Team Trust and Knowledge Sharing: Individual and Team Level Perspectives," 2004/8/1~2005/7/31.
  11. National Science Council, No: 91-2416-H-168-006-SSS, "The Effect of SWDTs' Internal Group Dynamics, External Support Mechanisms and Team Process on Team Effectiveness: An Example of Information Systems Development," 2002/8/1~2003/7/31.
  12. National Science Council, No: 90-2416-H-168-009-, "The Interaction Patterns of Project Teams: The Example of Information Systems Development," 2001/8/1~2002/7/31.
  13. National Science Council, No: 89-2416-H-168-004-SSS, "The Relationships of Forming Stage of Project Teams, Roles of Team Members and the Perceptions of Teams," 2000/8/1~2001/7/31.

### **Entrusted Practical Projects**

1. Ministry of Education, No: 331030135-GP, MOE e-Service Volunteer, 2014/6/1~2015/5/31.
2. Ministry of Economic Affairs, No: 331030324, Research and Development of Bicycle Wheel Production History System, 2014/5/1~2014/10/31.
3. Ministry of Education, No: 331020121-GP, MOE e-Service Volunteer, 2013/6/1~2014/5/31.
4. Ministry of Education, No: 331010102-GP, MOE e-Service Volunteer, 2012/6/1~2013/5/31.
5. Ministry of Economic Affairs, No: 131010441, South Taiwan Precision Machinery Industry Settlement Automation and IT Technology into the Counseling Project, 2012/5/1~2012/10/31.

## **Professional Certifications**

1. Cloud Technology and Internet Services, Professionals, 132160800001770, Computer Skills Foundation, 2016/8.
2. Microsoft Technology Associate: Windows Operating System Fundamentals, No. F425-0576, Microsoft, 2015/10.
3. Microsoft Technology Associate: HTML5 Application Development Fundamentals, No. F425-0575, Microsoft, 2015/10.
4. Big Data Process and Analysis, No. 431150800000190, Computer Skills Foundation, 2015/8.
5. Fundamentals of APP for e-Business MIT App Inventor 2.0, Chinese Enterprise Resource Planning Society, CERPS1504825, 2015/6.
6. Applications of Mobile Device, No. 132141200000740, Chinese Computer Education Association, 2014/11.
7. e-Enterprise Planner, No. 411120200000300, Computer Skills Foundation, 2012/2.
8. *BI OLAP Application Engineer of V-Point EIS, Release 4.X*, No: BIAE11DS00198, Chinese Enterprise of Resource Planning Society, 2011/6.
9. *Business Intelligence Planner*, No: BIP11CE00127, Chinese Enterprise of Resource Planning Society, 2011/2.

## **Academic and Professional Service**

1. Committee Members, National Cheng-Kung University Department of Business Administration, 2011~.
2. Committee Members, National YunTech University Department of Information Management, 2011~.
3. Committee Members, National Formosa University Department of Finance, 2011~.
4. Reviewer, The E-Learning and Information Technology Symposium, 2011~.
5. Reviewer, Journal of Southern Taiwan University of Science and Technology, 2013
6. Reviewer, Ministry of Science and Technology, 2014~.
7. Reviewer, Journal of E-Business, 2007~2011.

## **Patents**

1. **Wang, Mei-Hsiang**; He, Pei-Rung; Lin, Wei-Li; Chen, Jing-Jun; Yan, Wan-Chi; Kuo, Gen-Ming, "Gaming Problem, Computer-Readable Recording Medium Storing Such Gaming problem and System for Providing Airport Baggage Handling Guidelines", I559270, 2016.
2. **Wang, Mei-Hsiang**; Shih, You-Lin; Lin, Tung-Hsien; Jen, Chih-Jui; Du, Guan-Ying; Kuo, Gen-Ming, "Device and Method for Improving Hitting Posture", I541050, 2016.
3. **Wang, Mei-Hsiang**; Kuo, Gen-Ming; Zhen, Guan-Hua; Kan, Yu-Ching; Shi, Xin-Yi; Yao, Wei-Ren, "Service System and Service Method Using Mobile Electronic Device", I515686, 2016.



4. **Wang, Mei-Hsiang** ; Kuo, Gen-Ming; Chen, Yi-Shiou; Jang, Jia-Wen; Lin, Ya-Yun, “Cloud Digital Health Handbook System for Baby-Care”, I466056, 2014.