

CURRICULUM VITAE

PERSONAL DATA

Name: Juin-Ming Tsai, Ph.D.

Current Position: Professor, Department of Gerontological Health Care, & Dean of Academic Affairs, National Taipei University of Nursing and Health Sciences

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EDUCATION

Duration	Institution & Location	Degree	Major Subject
2009-2013	National Central University, Taiwan	Ph.D.	Business Administration
1999-2001	Fu-Jen Catholic University, Taiwan	MSN	Electrical Engineering
1995-1999	Fu-Jen Catholic University, Taiwan	BSN	Electrical Engineering

SPECIALTIES & RESEARCH INTERESTS

1. Gerontological Industries and Management
2. Healthcare Innovation and Entrepreneurship
3. Smart Healthcare and Applications
4. Social Enterprises and Nonprofit Organizations
5. Innovation Management
6. Technology Management

PUBLICATIONS

Journals

1. Wu, S. F. V., Kuo, L. M., Tsai, J. M., Lin, L. J., Chu, C. H., & Liao, Y. Y. (2024). Comparison of the effectiveness of assisted turning mattresses and conventional air mattresses in relieving body pressure in different lying positions. *Assistive Technology*, 36(4), 295–301. (SSCI)

2. Tsai, J. M., & Lu, T. E. (2023). Is brand reputation a banner for social marketing? A social enterprise product consumption perspective. *Psychology & Marketing*, 40(10), 2041–2059. (SSCI/Q1)
3. Tsai, J. M., Hung, S. W., & Lin, G. T. (2022). Continued usage of smart wearable devices (SWDs): Cross-level analysis of gamification and network externality. *Electronic Markets*, 32, 1661–1676. (SSCI/Q1)
4. Hsieh, N. C., Wu, S. F. V., Tsai, J. M., Lin, L. J., & Sun, J. H. (2022). Establishing core competencies and a professional curriculum for the Care Service Department in vocational high schools in Taiwan. *International Journal of Environmental Research and Public Health*, 19(2), 1009.
5. Wang, A. P., Chang, C. W., Tsai, J. M., & Hung, S. W. (2021). A performance evaluation of Major League Baseball teams: An integrated social network and data envelopment analysis. *Managerial and Decision Economics*, 42(6), 1421–1434. (SSCI)
6. Wu, S. F. V., Hsieh, N. C., Wang, T. J., Tsai, J. M., Liang, S. Y., & Liu, J. H. (2021). Literature review to investigate the conception and clinical application of precision healthcare. *Journal of Healthcare Management*, 22(4), 261–282.
7. Lai, P. C., Wu, S. F. V., Alizargar, J., Pranata, S., Tsai, J. M., & Hsieh, N. C. (2021). Factors influencing self-efficacy and self-management among patients with pre-end-stage renal disease (Pre-ESRD). *Healthcare*, 9(3), 266. (SSCI)
8. Tsai, J. M., & Hung, S. W. (2020). When does diffusion stop? Forecasting innovation diffusion: System dynamics for telehealth. *Journal of Engineering and Technology Management*, 58, 101592. (SSCI)
9. Kuo, L. M., Tsai, J. M., Wu, S. F. V., & Liao, Y. Y. (2020). Investigating the effectiveness of an automatic turning air mattress. *The Journal of Health Sciences*, 6(2), 24–32.
10. Tsai, J. M., Hung, S. W., & Yang, T. T. (2020). In pursuit of goodwill? The cross-level effects of social enterprise consumer behaviours. *Journal of Business Research*, 109, 350–361. (SSCI/Q1)
11. Tsai, J. M., Cheng, M. J., Tsai, H. H., Hung, S. W., & Chen, Y. L. (2019). Acceptance and resistance of telehealth: The perspective of dual-factor concepts in technology adoption. *International Journal of Information Management*, 49, 34–44. (SSCI/Q1)
12. Tsai, J. M., Chang, C. C., & Hung, S. W. (2018). Technology acquisition models for fast followers in high-technology markets: An empirical analysis of the LED industry. *Technology Analysis & Strategic Management*, 30(2), 198–210. (SSCI)
13. Tsai, J. M., & Hung, S. W. (2016). Supply chain relationship quality and performance in technological turbulence: An artificial neural network approach. *International Journal of Production Research*, 54(9), 2757–2770. (SCI/Q1)
14. Tsai, J. M., & Hung, S. W. (2014). A novel model of technology diffusion: A system dynamics perspective for cloud computing. *Journal of Engineering and Technology Management*, 33, 47–62. (SSCI/Q1)
15. Chang, C. C., Tsai, J. M., & Hung, S. W. (2013). Resolving the innovation puzzle of latecomers: The case of Taiwan. *Technology Analysis & Strategic Management*, 25(4), 459–472. (SSCI)
16. Hung, S. W., Tsai, J. M., Cheng, M. J., & Chen, P. C. (2012). Analysis of the development strategy of late entrants in Taiwan's and Korea's TFT-LCD industries. *Technology in Society*, 34(1), 9–22. (EI)
17. Hung, S. W., & Tsai, J. M. (2012). Dynamic diffusion model considering technological characteristics and price changes: Using LCD TVs as an example. *Journal of Technology Management*, 17(1), 1–26. (TSSCI)

Conference

1. Tsai, J. M., Wu, S. F. V., Hsieh, N. C., Chen, S. Y., Hua, S. Y., & Yang, Y. H. (2026, November). From classroom to care: Workforce development and graduate pathways in Taiwan's super-aged society. Paper to be presented at the *2026 IHC International Healthcare Conference*.
2. Tsai, J. M., Wu, S. F. V., Hsieh, N. C., Chen, S. Y., Hua, S. Y., & Yang, Y. H. (2025, November). Talent cultivation challenges for LTC 3.0 in a super-aged society: Evidence from Taiwan's high school Care Services Programs. Paper presented at the *2025 IHC International Healthcare Conference*.
3. Tsai, J. M., Wu, S. F. V., Hsieh, N. C., Peng, C. Y., Hua, S. Y., & Yang, Y. H. (2024, November). Challenges in the caregiving workforce in a super-aged society: The case of talent cultivation in Taiwan's Care Services Programs. Paper presented at the *2024 IHC International Healthcare Conference*.
4. Tsai, J. M., Wu, S. F. V., Hsieh, N. C., Peng, C. Y., Hua, S. Y., & Wang, J. T. (2022, November). Exploration of higher education and employment pathways among graduates of Care Services Programs in Taiwanese senior high schools. Paper presented at the *2022 IHC International Healthcare Conference*.
5. Tsai, J. M., & Peng, C. Y. (2022, November). Health conceptions and determinants of eating habits among college students: Application of the ecological model. Paper presented at the *2022 IHC International Healthcare Conference*.
6. Sun, J. H., Hsieh, N. C., Wu, S. F. V., Tsai, J. M., Hua, S. Y., & Wang, J. T. (2020, November). Educational development trends in the establishment of long-term care departments in vocational high schools in Taiwan. Paper presented at the *2020 IHC International Healthcare Conference*.
7. Tsai, J. M., Wu, S. F. V., Hsieh, N. C., Hua, S. Y., & Sun, J. H. (2018, November). An exploration of the professional development of long-term care courses and employment trends in Taiwan. Paper presented at the *2018 International Healthcare Conference*, Kaohsiung, Taiwan.
8. Tsai, J. M., Hsieh, N. C., Wu, S. F. V., Sun, J. H., & Lin, L. J. (2018, October). Professional development and employment market trends in population aging and long-term care. Paper presented at the *12th International Nursing Conference*, Seoul, South Korea.
9. Sun, J. H., Hsieh, N. C., Wu, S. F. V., Tsai, J. M., Lin, L. J., Hua, S. Y., & Wang, J. T. (2018, October). A study investigating core competency development and school-based curriculum development for Care Services Programs in vocational senior high schools in Taiwan. Paper presented at the *12th International Nursing Conference*, Seoul, South Korea.
10. Hou, C. E., Tsai, J. M., Hung, S. W., & Cheng, M. J. (2018, August). Public welfare or commercial product? Social enterprise consumer behaviors. Paper presented at the *78th Annual Meeting of the Academy of Management*, Chicago, Illinois, USA.
11. Wu, S. F. V., Lee, M. C., Hsieh, N. C., Lin, L. J., & Tsai, J. M. (2017, May). Effectiveness of a self-efficacy training program on the psychology and self-management of patients with pre-end-stage renal disease in Taiwan: A randomized controlled trial. Paper presented at the *ICN Congress 2017*, Barcelona, Spain.
12. Wu, S. F. V., Wu, M. P., Lee, M. C., Liu, J. Y., Tsai, J. M., & Liao, Y. Y. (2017, May). Effectiveness of a diabetes health promotion program for older adults with diabetes. Paper presented at the *2017 International Elderly Care Industry Leaders Forum*, Taipei International Convention Center, Taipei, Taiwan.
13. Wu, S. F. V., Hsieh, N. C., Tsai, J. M., Chang, H. J., Lin, L. J., & Chen, M. L. (2017, May). Cultivating the core competencies of long-term care personnel: A career development perspective within Taiwan's long-term care industry. Paper presented at the *2017*

International Elderly Care Industry Leaders Forum, Taipei International Convention Center, Taipei, Taiwan.

14. Wu, S. F. V., Hsieh, N. C., Chang, H. C., Tsai, J. M., Lin, L. J., Chen, M. L., & Lin, M. H. (2016, September 24–26). An initial exploration of the core competencies required of long-term care professionals: The case of long-term care workforce development in Taiwan. Paper presented at the *13th Conference on Long-Term Care in Chinese Communities*, Renmin University of China, Beijing, China.
15. Hsieh, N. C., Wu, S. F. V., Tsai, J. M., Lin, L. J., Chen, M. L., & Lee, M. C. (2016, September 24–26). Where is the long-term care workforce? A system dynamics study of the employment status of graduates from long-term care-related programs in Taiwan. Paper presented at the *13th Conference on Long-Term Care in Chinese Communities*, Renmin University of China, Beijing, China.
16. Tsai, J. M., & Hung, S. W. (2015, January 21–23). Technology diffusion for cloud computing: A system dynamics perspective. Paper presented at the *International Symposium on Artificial Life and Robotics (AROB 2015)*, B-Con Plaza, Beppu, Japan.
17. Hung, S. W., & Tsai, J. M. (2014, January 22–24). Simulation of innovation diffusion using a system dynamics approach. Paper presented at the *International Symposium on Artificial Life and Robotics (AROB 2014)*, B-Con Plaza, Beppu, Japan.