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EDUCATION

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RESEARCH INTEREST

Elderly

Depression

Long-term care

TEACHING COURSES

- Community Health Nursing
- Community Health Nursing Practice
- Principle & Methods of Teaching
- long-term care
- Introduction of Public Health
- Healthy Aging and Long-term Care Nursing
- Healthy Aging and Long-term Care Nursing Practice
- Integrated and Interdisciplinary Approach to Elder Care

FUNDED RESEARCH PROJECTS

- The Effectiveness of Artificial Intelligence Family Involvement Generative Agent (AIFIGA) program on nursing home nursing staff and family and residents' health. (2024-2027)(NSTC)
- Difference in the acoustic amplitude and respiration characteristics during swallowing and coughing between dysphagia elderly with and without dementia residents in institutions (2024-2025)(UMRPD)
- The longitudinal effectiveness of Helper of Emotional Assessment and Relationship Teaching (HEART) smartphone- based videoconferencing program in

enhancing residents and their family' health. (2021-2024)(MOST)

- The relationship between pain intensity, acoustic amplitude and respiration of elderly dementia residents in institutions (2023-2024)(UMRPD)
- The third life wisdom inheritance practice platform: young entrepreneurs and retirees co-creation. (2019-2022)(CMRP)
- The longitudinal effectiveness of a nurture swallow exercise program (NSEP) on nursing home residents' health: evaluation using innovative non-invasive device. (2020-2021)(MOST)
- The effectiveness of Smart-phone Based Meal Time Videoconferencing (SBMTV) program in enhancing elderly resident's health status in nursing home (2015-2018)(MOST)
- The effectiveness of Smart-phone Based Meal Time Videoconferencing (SBMTV) program in enhancing elderly resident's health status in nursing home (2012-2015)(NSC)
- The comparison of tradition and PBL nursing staffs' communication education programs in enhancing nursing staffs interpersonal communication competence in nursing home: A longitudinal research. (2011-2012)(NSC)
- The effects of different pattern of family involvement in nursing home on residents' and their Family's health-A longitudinal study. (2009-2011)(NSC)
- An interdisciplinary program for enhance nursing home residents adjustment experiences. (2007-2009)(NSC)
- Construct and Testing of the Perceived Nursing Home Lived Experience Model for the Elderly Residents. (2006-2007)(NSC)
- Development and Testing of the Perceived Nursing Home Admission Experience Scale for the Elderly Residents. (2005-2006)(NSC)

PUBLICATIONS

1. Lin, Y. Y., **Tsai, H. H.***, Shieh, W. Y., Weng, L. C., Huang, H. L., & Liu, C. Y. (2025). Expectations of AI-supported communication in nurse-family interactions in nursing homes: Navigating ambiguities in role transformation. *Digital health*, 11, 20552076251362385.
2. Nguyen, H. T., **Tsai, H. H.***, Huynh, H. T. P., Tran, T. K. L., Le, T. A., Weng, L. C., Cheng, C. Y., Tsay, P. K., Shieh, W. Y., & Liu, C. Y. (2025). Effectiveness of web-based education program on knowledge, coping, burden, and quality of life among colorectal cancer caregivers in Vietnam: a quasi-experimental study. *BMC nursing*, 24(1), 481.
3. Tsai, M. R., Shieh, W. Y., **Tsai, H. H.***, Shyu, Y. I. L., Chang, K. H., Wen, F. H., & Liu, C. Y. (2024). Appropriate volumes of water for non-invasive swallowing assessments of nursing home residents: A descriptive correlational study. *Heliyon*, 10(17), e37340.
4. Feng, P. C., Khan, M. A., Yeh, T. T., Shieh, W. Y., & **Tsai, H. H.*** (2024). Physiological Biomarkers for Assessment of Pain during Routine Blood Tests for Older Adults with Dementia in Long-Term Residential Care. *Journal of the American Medical Directors Association*, 25(8), 105050.
5. Hsu, W. C., **Tsai, H. H.***, Weng, L. C., & Wang, Y. W. (2023). The experience of eating for older nursing home residents with dysphagia: A qualitative descriptive study. *International Journal of Older People Nursing*, 18(6), e12566.
6. Weng, L. C., Huang, H. L., Tsai, Y. H., **Tsai, H. H.**, Lee, W. C., & Shieh, W. Y. (2023). The effect of a web-based self-care instruction on symptom experience and quality of life in living liver donors: A randomized controlled trial. *Heliyon*, 9(6), e17333.
7. Tseng, S. C., Lee, W. C., Chen, K. H., **Tsai, H. H.**, Kuo, M. C., & Weng, L. C. (2023). Anxiety, pain intensity, and decision regret of living liver donors during postoperative period. *Applied nursing research*, 69, 151662.
8. Wu, C. C. , **Tsai, H. H.***, Huang, H. L., Wang, Y. W. , Huang, C. H. , Liu, C. Y. (2023). Depression in nursing home residents and its correlation with meaning of family involvement and depression of family. *Int Psychogeriatr*, 35(2), 67-75. (SCI)
9. **Tsai, H. H.***, Cheng, C. Y., & Shieh, W. Y. (2023). Effectiveness of laptop-based versus smartphone-based videoconferencing interaction on loneliness, depression and social support in nursing home residents: A secondary data analysis. *Journal of Telemedicine and Telecare*, 29(3), 177-186. (SCI)
10. Huang, L. J., **Tsai, H. H. ***, Wang, Y. W., & Chou, C. L. (2022). Sailing in a sea of perplexity: Family caregivers' experience of delirium patients. *Nursing in Critical Care*, 27(1), 73-80. (SCI)
11. 黎嘉如、**蔡秀欣***、郭志熙、王惠玄 (2021/3) • 比較不同重返胸腔內科加護病房轉出結果及其相關因素探討 • *Resuscitation & Intensive Care Med* · 6 · 11-25.

12. **Tsai, H. H.***, Cheng, C. Y., Weng, L. C., Shieh, W. Y., & Liu, C. Y. (2021). Motivations for family members' visits to nursing home residents with dementia in Taiwan: A qualitative study. *Journal of Nursing Scholarship*, 53(1), 87-95. (SCI)
13. Lin, Y. N., **Tsai, H. H.***, Huang, H. L., Chang, Y. C. & Shieh, W. Y. (2020). Rethinking potentially inappropriate medication use in nursing homes within the Chinese population. *Geriatric Nursing*, 41(6), 724-729. (SCI).
14. Tsai, M. R., **Tsai, H. H.***, Tsai, Y. F., & Liao, F. Y. (2020). "Tailoring Homely Meals": Family Members' Motivations Underlying Nursing Home Visits During Residents' Meals. *Japan Journal of Nursing Science*, 17(4):e12341. (SCI).
15. **Tsai, H. H.***, Cheng, C. Y., Shieh, W. Y., & Chang, Y. C. (2020). Effects of a Smartphone-Based Videoconferencing Program for Older Nursing Home Residents on Depression, Loneliness, and Quality of Life: A Quasi-Experimental Study, *BMC Geriatrics*, 20(1), 27. (SCI).
16. 黃麗蓉、**蔡秀欣***、王怡文、周俊良 (2019)•內科加護病房譫妄病患家屬之調適經驗•長庚護理雜誌・30(4)・431-444.
17. Schlaeger, J. M., Weng, L. C., Huang H. L., **Tsai H. H.**, Takayama, M., Ngamkhan, S., Yao, Y., & Wilkie, D. J. (2019). Pain Quality by Location in Outpatients with Cancer. *Pain Management Nursing*, 20(5), 425-431. (SCI).
18. **Tsai, H. H.**, & Tsai, Y. F. (2018). Development, validation and testing of a nursing home to emergency room transfer (NHERT) checklist. *Journal of Clinical Nursing*, 27(1-2), 115-122. (SCI).
19. Lee, S. H., Tsai, Y. F.*, Wang, Y. W., Chen, C. Y., & **Tsai, H. H.** (2017). Development and psychometric testing of the triggers of suicidal ideation inventory for assessing older outpatients in primary care settings. *International Journal of Geriatric Psychiatry*, 32(10), 1114-1121. (SCI)
20. Weng, L. C., Huang, H. L., **Tsai, H. H.**, & Lee, W. C. (2017). Predictors of decision ambivalence and the differences between actual living liver donors and potential living liver donors. *PLOS ONE*, 12(5), e0175672. (SCI)
21. **Tsai, H. H.**, Tsai, Y. F., & Liu, C.Y. (2017). Advance directives and mortality rates among nursing home residents in Taiwan: A retrospective, longitudinal study. *International Journal of Nursing Studies*, 68, 9-15. (SCI)
22. **Tsai, H. H.**, Tsai, Y. F., & Liu, C. Y. (2016). Repeated hospital transfers and associated outcomes by residency time among nursing home residents in Taiwan. *Journal of the American Medical Directors Association*, 17(11), 1020-1024. (SCI)
23. **Tsai, H. H.**, & Tsai, Y. F.* (2016). Nursing home nurses' experiences of resident transfers to the emergency department: No empathy for our work environment difficulties. *Journal of Clinical Nursing*, 25(5-6), 610-8. (SCI).

24. Shen, C. J., Huang, H. L., Chen, K. H., Weng, L. C., Wang, S. Y., Lee, W. C., Chou, H. F., & **Tsai, H. H.** (2016). Comparison of liver function, emotional status, and quality of life of living liver donors in Taiwan. *Transplantation Proceedings*, 48(4), 1007-11. (SCI)
25. **Tsai, H. H.**, & Tsai, Y. F.*(2015). Attitudes toward and predictors of videoconferencing use among frequent family visitors to nursing home residents in Taiwan. *Telemedicine and e-Health*, 21(10), 838-844. (SCI)
26. **Tsai, H. H.**, & Tsai, Y. F.*, Weng, L. C., & Chou, H. F. (2013). More than communication skills: experiences of communication conflict in nursing home nurses. *Medical Education*, 47(10), 990-1000. (SCI)
27. **Tsai, H. H.**, & Tsai, Y. F.* (2013). Prevalence and factors related to depressive symptoms among family caregivers of nursing home residents in Taiwan. *Social Psychiatry and Psychiatric Epidemiology*, 48(7), 1145-52. (SCI)
28. **Tsai, H. H.**, Tsai, Y. F., & Huang T. S (2012) Development and validation of the family meaning of nursing-home visits scale. *Journal of Clinical Nursing*, 21(15), 2108-2117. (SCI)
29. **Tsai, H. H.**, Tsai, Y. F. (2012). Family members' perceived meaning of visiting nursing home residents in Taiwan. *Journal of Advanced Nursing*, 68(2), 302-311. (SCI)
30. Tsai, Y. F., Liu, L. L., **Tsai, H. H.**, & Chung, S. C. (2012). Self-care management and risk factors for depressive symptoms among elderly outpatients in Taiwan. *International Psychogeriatrics*, 24(2), 278-287. (SCI)
31. **Tsai, H. H.**, & Tsai, Y. F. (2011) Changes in depressive symptoms, social support and loneliness over 1 year after a minimum 3-month videoconference program for older nursing home residents. *Journal of Medical Internet Research*, 13(4), e93. (SCI)
32. **Tsai, H. H.**, Tsai, Y. F., Wang, H. H., Chang, Y. C., & Chu, H. H. (2010). Videoconference program enhances social support, loneliness, and depressive status of elderly nursing home residents. *Aging & Mental Health*, 14(8), 947-954.(SCI)
33. **Tsai, H. H.**, & Tsai, Y. F.* (2010). Older nursing home residents' experiences with videoconferencing to communicate with family members. *Journal of Clinical Nursing*, 19(11-12), 1538-1543. (SCI)
34. Tsai, Y. F., Wong, T. K. S., **Tsai, H. H.**, & Ku, Y. C. (2008). Self-worth therapy for depressive symptoms in older nursing home residents. *Journal of Advanced Nursing*, 64(5), 488-494. (SCI)
35. **Tsai, H. H.**, & Tsai, Y. F. (2008). A temporary home to nurture health: Lived experiences of older nursing home residents in Taiwan. *Journal of Clinical Nursing*, 17(14), 1915-1922. (SCI)
36. **Tsai, H. H.**, Chen M. H., & Tsai, Y. F. (2008). Perception of filial piety among Taiwanese University Students. *Journal of Advanced Nursing*, 63(3), 284-290. (SCI)

37. **Tsai, H. H.**, & Tsai, Y. F. (2007). Problem-solving experiences among elders living alone in eastern Taiwan. *Journal of Clinical Nursing*, 16(5), 980-986. (SCI)
38. Tsai, Y. F., Yeh, S. H., **Tsai, H. H.** (2005). Prevalence and risk factors for depressive symptoms among community-dwelling elders in Taiwan. *International Journal of Geriatric Psychiatry*, 20, 1097-1102. (SCI)
39. 蔡秀欣、陳靜珠、顧琪芳、朱馥祺 (2005) • 華地區獨居老人送餐服務成效之探討 • 期照護雜誌, 9(2) , 151-162。
40. 蔡秀欣、蔡芸芳 (2004) • 事於護理之應用 • 庚護理, 15(1) , 73-79。
41. Tsai, Y. F., **Tsai, H. H.**, Lai, Y. H., & Chu, T. L. (2004). Pain prevalence, experiences and management strategies among the elderly in Taiwanese nursing homes. *Journal of Pain and Symptom Management*, 28(6), 579-584. (SCI)
42. Tsai, Y.F., Wong, K. S., Juang, Y. Y., & **Tsai, H. H.** (2004). The effects of light therapy on depressed elders. *International Journal of Geriatric Psychiatry*, 19(6), 545-548. (SCI)
43. 蔡秀欣、徐亞瑛、盧瑞芬、吳基銓 (2002) • 環境對出院後三個月髌骨骨折老人生活品質之影響 • 長庚護理, 13 (1) , 11-20。
44. 蔡秀欣、徐亞瑛 (2002) • SF-36 生活品質問卷於髌骨骨折老年患者之適用性探討 • 新台北護理期刊, 4 (1) , 53-64。
45. 蔡秀欣、陳美戎、蔡芸芳 (2001) • 九二一地震災區某鄉村獨居老人憂鬱症狀及其相關因素之探討 • 慈濟醫學, 13 (3) , 169-175。