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教授

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PhD 美國堪薩斯大學醫學中心(2001)

MS 美國海斯堡州立大學(1993)

BS 國立台北護理學院(1988)

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研究領域

病情告知、癌性疲憊處置、臨終護理

教學

- 護理系大學部：護理學導論
- 護理系研究所：護理理論、安寧照護、高級內外科護理學暨實習、護理研究、碩士論文
- 護理系博士班：研究倫理、博士論文
- 醫學系大學部：病情告知溝通技巧訓練
- 醫學系研究所：醫學教育理論基礎

獎勵

- 2024年台灣創新技術博覽會發明競賽金牌獎
- 2009 年 Who's who in American / Marquis Who's who
- 2001 年 堪薩斯大學醫學中心 2001 年研究生論文報告第二名
- 2001 年 堪薩斯大學護理系 2001 年最佳博士錄文獎
- 1993 年 海斯堡大學護理系 1993 年碩士第一名畢業獎

研究計畫

- Comparing the Effectiveness of Online and Face-to-Face Teaching for Medical Students in Shared Decision-Making Communication Skills Training. Journal of General Internal Medicine, Accepted. (2024).
- AI 輔助癌症病情告知教育的發展與測試--AI 病情告知分類模型建立與測試：以專科護理師 (Nurse practitioner · NP) 為例 (Ministry of Science and Technology, 2023-2026)
- 安寧團隊合作學習核心課程的發展與測試：台澳跨國研究(Chang Gung Hospital, 2021-2023)
- Developing and Testing a Human-Centered Virtual Reality Module: Taking Cancer Truth-telling Communication Skills Training as an Example (Ministry of Science and Technology, 2021-2023)
- The Project of Improvement of Early Hospice Palliative Care of Elderly Patients with Non-cancer Disease (Chang Gung Hospital, 2020-2021)
- Development and Testing of Truth-telling Communication Skill Training for Pediatric Cancer (Ministry of Science and Technology, 2019-2021)
- Implementing Hospice Care Curriculum Reform using Action Research (Ministry of Education, 2019-2020)
- Holistic Care Quality Improvement Plan: Taking the Transitional Care of the Elderly Patients with Disability for Example (Chang Gung Hospital, 2018-2020)
- Improving the Response Rate on Graduate Survey for Nursing Graduates and Their Employers (Chang Gung University, 2018-2019)
- Development and Testing of Cancer Truth-telling

Educational Model of Medical and Nursing
Collaboration (Ministry of Science and
Technology, 2017-2020)

- Acupressure intervention to Increase Physical Functioning in Chinese Immigrant Breast Cancer Survivors (National Cancer Institute R21 fund, 2016-2018)
- 口服標靶藥物的肺癌病人之皮膚毒性、情緒狀態與健康相關生活品質長期探討 (Taiwan Nurse Association, 2016-2017)
- 建構與測試本土化進階護理師的病情告知教育模式 (第一 - 三年) (National Science Council, 2014-2017)
- 癌症病情告知溝通技巧種子人員培訓計畫(第一-五年) (Ministry of Health and Welfare, 2011-2016)
- 中西醫合併療法對小細胞性肺癌病人預後之長期效益：實驗性研究 (兩年期) (Chang Gung Memorial Hospital, 2014-2015)
- 建構及測試台灣本土化的癌症病情告知教育模式：長期性研究 (第一年) (National Science Council, 2013-2014)
- 癌症病情告知：病患喜好與醫師做法之差距(第一-二年) (National Science Council, 2011-2013)
- 中西醫療法對肺癌病人預後之長期效益：個案配對研究 (衛福部中醫藥司, 2011-2012)
- 穴位按壓對肺癌化療病人疲憊控制之成效：雙盲的實驗性研究 (National Science Council, 2009-2011)
- 能量保存活動處置對降低癌性疲憊之臨床試驗 (National Science Council, 2008-2009)

- 專科護理師角色能力、人力需求、與臨床執業現況之全國性研究 (衛福部, 2007-2009)
- 肺癌病人化療期間疲憊及其症狀群集現象與能量保存活動處置介入措施之成效-縱貫性研究 (National Science Council, 2006-2008)
- 兩所醫學中心不同層級人員對進階護理角色之觀感及建言：質性研究 (National Science Council, 2005-2006)
- 臨終病患主要照顧家屬生活品質的影響:長期性研究 (Chang Gung Hospital, 2005-2006)
- 癌症病人安寧居家療護與共同照護資料分析 (國健署, 2005-2005)
- 台灣安寧療護效益初探 (Chang Gung Hospital, 2003-2005)

1. Li, S. Z., Chen, S. Y., Chang, Y. L., Fang, C. K., Fujimori, M., & **Tang, W. R. *** (2024). Predicaments and Coping Strategies in Implementing Cancer Truth-telling: A Qualitative Content Analysis. *Supportive Care in Cancer*, 32, 602, 1-9. (SCI, IF= 2.8, Rank: 157/322)
2. Chiou, Y. G., Chen, S. Y., Wu, L. M., Shyu, Y. I. L., Chiang, Y. C., Hsiao, C. C., ... & **Tang, W. R. *** (2024). Experiences and Preferences of Truth-telling in Families of Children with Cancer: A Phenomenological Study. *Asia-Pacific Journal of Oncology Nursing*, 100500. (SCI, IF= 2.4, Rank: 35/191)
3. Chen, C. Y., Huang, B. S., Hong, J. H., Chang, J. T., Chen, M. C., **Tang, W. R.**, Shun, S. C., & Chen, M. L. (2024). Persistent Fatigue in Patients With Hepatocellular Carcinoma Receiving Radiotherapy. *Journal of Nursing Research*, 32(2), e319. (SCI, IF= 2.4, Rank: 35/191)
4. 方基存、陳思穎、范伯辛、林雨萱、高振益、林仲志、**唐婉如*** (2024) · 針對腦神經科醫護人員早期安寧緩和療護線上課程之效益 · 醫療品質雜誌, 18(4), 42-51。
<https://orcid.org/0000-0002-2960-1841>
5. Li, C. L., Chen, P. Y., Yang, T. Y., Chang, J. T., **Tang, W. R.**, & Chen, M. L. (2023). Changes in fatigue among cancer patients before, during, and after radiation therapy: A meta-analysis. *Worldviews on evidence-based nursing*, 10.1111/wvn.12672. Advance online publication. (SCI, IF= 3.4, Rank: 11/191)
6. Hu, Y.C., Chen, S. Y., Chou, W. C., Chen, J. S., Weng, L. C., Tsay, P. K., **Tang, W. R. *** (2023). The Early Predictive Value of Frailty for Health-related Quality of Life Among Elderly Patients with Cancer Receiving Curative Chemotherapy. *PLoS One*, Accepted for publication. *PLoS One*, 18(8), e0287320.
7. Lai, C. C., Chen, S. Y., Chen, H. W., Li, H. Y., Hsu, H. H., Chen, L. C., & Tang, W. R. * (2023). Experiences of oncology healthcare personnel in international medical service quality: A phenomenological study. *BMC Nursing*, 22(1), 92.
8. Suandika, M., Chen, S. Y., Fang, J. T., Yang, S. H., Tsai, Y. F., Weng, L. C., Tsay, P. K., & Tang, W. R. * (2023). Effect of acupuncture on fatigue in hemodialysis patients: A single-blinded randomized controlled trial. *Journal of Integrative and Complementary Medicine*, 29(2), 111–118.
9. Fang, J. T., Chen, S. Y., Yang, L. Y., Liao, K. C., Lin, C. H., Fujimori, M., & **Tang, W. R. *** (2022). Improving transitional care through online communication skills training. *Aging Clinical and Experimental Research*, 34(12), 3063-3071. <https://doi.org/10.1007/s40520-022-02251-41-9> (SCI, IF= 4.481, Rank: 23/54)
10. Fang, J. T., Chen, S. Y., Tian, Y. C., Lee, C. H., Wu, I. W., Kao, C. Y., Lin, C. C., & **Tang, W. R. *** (2022). Effectiveness of end-stage renal disease communication skills training for healthcare personnel: A single-center, single-blind, randomized study. *BMC Medical Education*, 22(1), 397. <https://doi.org/10.1186/s12909-022-03458-9> (SCI, IF= 3.263, Rank: 12/82)
11. Chen, S. Y., Chou, W. C., Lin, Y. C., Tsang, N. M., Liao, K. C., Lin, C. H., ... & **Tang, W. R. *** (2022). Performance of two frailty screening tools among patients with cancer in Taiwan. *Biomedical Journal*, 45(2), 361-369. <https://doi.org/10.1016/j.bj.2021.03.002> (SCI, IF=7.892, Rank: 47/297)

- 12.陳思穎、鍾宜宸、方俊凱、謝至鏗、**唐婉如*** (2022) · 利用多元教學策略進行安寧療護課程改革 · *安寧療護雜誌* · 26(2) · 120-134 。
[https://doi.org/10.6537/TJHPC.202203_26\(2\).02](https://doi.org/10.6537/TJHPC.202203_26(2).02)
13. Ho, Y. W., **Tang, W. R.**, Chen, S. Y., Lee, S. H., Chen, J. S., Hung, Y. S., & Chou, W. C. * (2021). Association of frailty and chemotherapy-related adverse outcomes in geriatric patients with cancer: A pilot observational study in Taiwan. *Aging*, 13(21), 24192-24204. <https://doi.org/10.18632/aging.203673> (SCI, IF=5.955, Rank: 15/24)
14. Chen, S. H., Chen, S. Y., Yang, S. C., Chien, R. N., Chen, S. H., Chu, T. P., ... & **Tang, W. R.** * (2021). Effectiveness of communication skill training on cancer truth-telling for advanced practice nurses in Taiwan: a pilot study. *Psycho-Oncology*, 30(5), 765-772. <https://doi.org/10.1002/pon.5629> (SCI, IF=3.995, Rank: 23/80)
15. Chen, S. Y., Fujimori, M., Wang, H. M., & **Tang, W. R.** * (2020). Gender differences in cancer patients' preferences for truth-telling in Taiwan. *Cancer Nursing*, 30(5), 765-772. <https://doi.org/10.1097/ncc.0000000000000856> (SCI, IF=2.760, Rank: 25/123)
16. Chou, W. C., Chang, P. H., Chen, P. T., Wang, H. M., Yeh, K. Y., Lu, C. H., ... **Tang, W. R.** & Chen, S. Y. (2020). Clinical significance of vulnerability assessment in patients with primary head and neck cancer undergoing definitive concurrent chemoradiation therapy. *International Journal of Radiation Oncology* Biology* Physics*, 108(3), 602-611. <https://doi.org/10.1016/j.ijrobp.2020.01.004> (SCI, IF=8.013, Rank: 13/136)
17. Huang, Y. T., Wang, Y. W., Chi, C. W., Hu, W. Y., Lin Jr, R., Shiao, C. C., & **Tang, W. R.*** (2020). Differences in medical costs for end-of-life patients receiving traditional care and those receiving hospice care: A retrospective study. *PloS One*, 15(2), e0229176. <https://doi.org/10.1371/journal.pone.0229176> (SCI, IF=3.752, Rank: 28/135)
18. 陳思穎、**唐婉如*** (2020) · 穴位按壓對癌性疲憊之成效：系統性文獻回顧 · *中西整合醫學雜誌* · 22(2) · 11-24 。
19. Hsu, T. H., Li, I. C.*, Fang, C. K., **Tang, W. R.**, & Lin, C. T. (2019). A preliminary study of the effectiveness of cancer communication skills training for interdisciplinary staff. *Japanese Journal of Clinical Oncology*, 49(8), 734-742. <https://doi.org/10.1093/jjco/hyz065> (SCI, IF=2.925, Rank: 214/318)
20. Chen, J. C., Lee, Y. H., Liu, C. Y., Shih, H. H., Tsay, P. K., & **Tang, W. R.*** (2019). A correlational study of skin toxicity and quality of life in patients with advanced lung cancer receiving targeted therapy. *Journal of Nursing Research*, 27(6), e51. <https://doi.org/10.1097/jnr.0000000000000339> (SSCI, IF=2.157, Rank: 214/318).
21. 賴旗俊、陳憲葳、**唐婉如*** (2019) · 台灣國際醫療的現況及展望 · *長庚護理* · 30(4) · 459-465 。 [https://doi.org/10.6386/CGN.201912_30\(4\).0003](https://doi.org/10.6386/CGN.201912_30(4).0003)
22. Chen, S. Y., Wang, H. M., & **Tang, W. R.*** (2018). The differences in preference for truth-telling of patients with cancer of different genders. *Cancer Nursing*, 41(4), 320-326. <https://doi.org/10.1097/NCC.0000000000000051> (SCI, IF=2.760, Rank: 25/123).

- 23.陳思穎、陳玠伊、彭靖舒、楊淑君、方基存、周宏學、**唐婉如***(2018)·醫病共享決策 - 以 Three talk model 為例·*臨床醫學月刊*·81(6)·342-347。
[https://doi.org/10.6666/ClinMed.201806_81\(6\).0063](https://doi.org/10.6666/ClinMed.201806_81(6).0063)
- 24.Wang, C. H., Lin, H. C., Chang, Y. C., Maa, S. H., Wang, J. S., & **Tang, W. R.*** (2017). Predictive factors of in-hospital mortality in ventilated intensive care unit: A prospective cohort study. *Medicine*, 96(51), e9165. <https://doi.org/10.1097/MD.00000000000009165> (SCIE, IF=1.817, Rank: 135/329).
- 25.**Tang, W. R.**, Hong, J. H., Rau, K. M., Wang, C. H., Juang, Y. Y., Lai, C. H., ... & Fang, C. K.* (2017). Truth telling in Taiwanese cancer care: Patients' and families' preferences and their experiences of doctors' practices. *Psycho-Oncology*, 26(7), 999-1005. <https://doi.org/10.1002/pon.4257> (SCI, IF=3.995, Rank: 23/80).
- 26.**Tang, W. R.***, & Kao, C. Y. (2017). Psychometric testing of the spiritual well-being scale—mandarin version in Taiwanese cancer patients. *Palliative & Supportive Care*, 15(3), 336-347. <https://doi.org/10.1017/S147895151600081X> (SSCI, IF=3.733, Rank: 19/114).
- 27.Huang,Y.T., Chang, Y.M., Chen, I.L., Yang, C.L., Leu, S.C., Su, H.L., Kao, J.L., Tsai, S.C., Jhen, R.N., **Tang, W.R.**, Shiao, C.C.*, SMHRG (Saint Mary's Hospital Research Group on Geriatrics).(2017).Heart rate variability during hemodialysis is an indicator for long-term vascular access survival in uremic patients. *PLoS One*, 12(3), e0172212. <https://doi.org/10.1371/journal.pone.0172212> (SCI, IF=3.752, Rank: 28/135)
- 28.詹瑞君、楊伊雯、**唐婉如***(2017)·提昇血液腫瘤病房護理人員情緒困擾溫度計評估執行率改善方案·*長庚護理雜誌*·28(3)·463-475。
<https://doi.org/10.3966/102673012017092803007>
- 29.Huang, Y. T., Tseng, Y. T., Chu, T. W., Chen, J., Lai, M. Y., **Tang, W. R.**, & Shiao, C. C.* (2016). N-terminal pro b-type natriuretic peptide (NT-pro-BNP)-based score can predict in-hospital mortality in patients with heart failure. *Scientific Reports*, 6, 29590. <https://doi.org/10.1038/srep29590> (SCI, IF=4.997, Rank: 19/135)
- 30.Liu, C. H., **Tang, W. R.**, Weng W. H., Lin, Y. H., Chen, C. Y. * (2016) The process of coping with stress by Taiwanese medical interns: A qualitative study. *BMC Medical Education*, 16, 10. <https://doi.org/10.1186/s12909-016-0534-3> (SCI, IF= 3.263, Rank: 12/82)
- 31.**Tang, W. R.***, Yang, S. H., Yu, C. T., Wang, C. C., Huang, S. T., Huang, T. H., ... & Chang, Y. C. (2016). Long-term effectiveness of combined treatment with traditional Chinese medicine and Western medicine on the prognosis of patients with lung cancer. *Journal of Alternative and Complementary Medicine*, 22(3), 212-222. <https://doi.org/10.1089/acm.2015.0214> (SCI, IF= 2.381, Rank: 20/30)
- 32.Chen, C.M., Chung, Y.C., Tsai, L.H., Tung, Y.C., Lee, H.M., Lin, M.L., Liu, H.L., **Tang, W.R.*** (2016) A nationwide population-based study of corrosive ingestion in Taiwan: Incidence, gender differences, and mortality. *Gastroenterology Research and Practice*, 2016, 7905425. <https://doi.org/10.1155/2016/7905425> (SCI, IF=1.919, Rank: 101/136)

33. Lin, L. C., Weng, W. N., Li, H., **Tang, W. R.*** (2016). Reliability and validity of the questionnaire on nurse practitioners' roles and competencies. *Journal of Clinical Nursing*, 25(1-2), 99-108. <https://doi.org/10.1111/jocn.13001> (SCI, IF= 4.423 Rank: 4/125)
34. 唐婉如*(2016) · 發展進階護理師的癌症病情告知訓練 · *腫瘤護理雜誌* · 16 · 87-97。
<https://doi.org/10.3966/168395442016101603007>
35. 趙淑賢、唐婉如*(2016) · 探討醫院培訓課程對專科護理師角色能力的效益 · *台灣專科護理師學刊* · 3(1) · 30-40。
36. 章瓊慧、趙淑賢、林郁玲、唐婉如*(2016) · 專科護理師工作項目及其時間分配之探討 · *台灣專科護理師學刊* · 2(1) · 35-45。
37. 張兆香、唐婉如*(2015) · 台灣專科護理師工作滿意度及其相關因素探討 · *台灣專科護理師學刊* · 1(1) · 30-42。
38. **Tang, W. R.**, Chen, K. Y., Hsu, S. H., Juang, Y. Y., Chiu, S. C., Hsiao, S. C., Fujimori, M., Fang, C. K.* (2014). Effectiveness of Japanese SHARE model in improving Taiwanese healthcare personnel's preference for cancer truth telling. *Psycho-Oncology*, 23(3), 259-265. <https://doi.org/10.1002/pon.3413> (SCI, IF=3.995, Rank: 23/80)
39. **Tang, W. R.***, Chen W. J., Yu C. T., Chang Y. C., Chen C. M., Wang C. H., et al. (2014). Effects of acupressure on fatigue of lung cancer patients undergoing chemotherapy: An experimental pilot study. *Complementary Therapies in Medicine*, 22(4), 581-591. (SCI, IF= 3.335, Rank:12/43)
40. **Tang, W. R.***, Fang, J. T., Fang, C. K., Fujimori, M. (2013). Truth telling in medical practice: Students' opinions versus their observations of attending physicians' clinical practice. *Psycho- Oncology*, 22(7), 1605-1610. <https://doi.org/10.1002/pon.3174> (SCI, IF=3.995, Rank: 23/80)
41. Liu, C. H., **Tang, W. R.***, Wang, H. M., Lee, K. C. (2013). How cancer patients build trust in traditional Chinese medicine. *European Journal of Integrative Medicine*, 5(6), 495-500. <https://doi.org/10.1016/j.eujim.2013.08.003> (SCI, IF= 1.813, Rank: 24/43)
42. 唐婉如*、方俊凱、莊永毓 (2013) · 癌症病情告知教育 · *台灣醫學* · 17(2) · 141-148。
[https://doi.org/10.6320/FJM.2013.17\(2\).06](https://doi.org/10.6320/FJM.2013.17(2).06)
43. 徐侑瑩、唐婉如、張玉坤、馬素華* (2013) · 台灣男性護理人員工作價值觀及其相關影響因素之初探 · *護理雜誌* · 60(2) · 50-60。
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44. Chang, I. W., Shyu, Y. I., Tsay, P. K., **Tang, W. R.*** (2012). Comparison of nurse practitioners' perceptions of required competencies and self-evaluated competencies in Taiwan. *Journal of Clinical Nursing*, 21(17-18), 2679-2689. <https://doi.org/10.1111/j.1365-2702.2012.04186.x> (SCI, IF= 4.423, Rank: 4/125)

45. Liu, C. H., **Tang, W. R.***, Wang, H. M., Lee, K. C. (2011). Cancer patients' experience of combined treatment with conventional and traditional Chinese medicine: A bio-psycho-social phenomenon. *Cancer Nursing*, 34(6), 495-502. <https://doi.org/10.1097/NCC.0b013e31820d4da9> (SCI, IF=2.760, Rank: 25/123)
46. 李政洋、陳虹汶、李玉嬋、**唐婉如**、方俊凱* (2011) · 癌症照顧的自殺防治 · *內科學誌* · 22(5) · 335-343 ° [https://doi.org/10.6314/JIMT.2011.22\(5\).05](https://doi.org/10.6314/JIMT.2011.22(5).05)
47. 林聖芬、**唐婉如**、張玉坤、馬素華* (2011) · 穴位按壓對老人便秘之成效 · *護理暨健康照護研究* · 7(3) · 175-187 ° <https://doi.org/10.6225/JNHR.7.3.175>
48. Tang, S. T. *, **Tang, W. R.**, Liu, T. W., Lin, C. P., & Chen, J. S., (2010). What really matters in pain management for terminally ill cancer patients in Taiwan. *Journal of Palliative Care*, 26(3), 151-158. (SCI, IF=1.980, Rank: 102/159)
49. **Tang, W. R.***, Yu, C. C., Yeh, S. J. (2010). Fatigue and its related factors for patients with chronic heart failure. *Journal of Clinical Nursing*, 19(1-2), 69-78. (SCI, IF= 4.423, Rank: 4/125)
50. Tang, S. T.* , Chen, C. C-H., **Tang, W. R.**, & Liu, T. W. (2010). Determinants of patient-family caregiver congruence on preferred place of death in Taiwan. *Journal of Pain and Symptom Management*, 40(2), 235-245. <https://doi.org/10.1016/j.jpainsymman.2009.12.018> (SCI, IF=5.576, Rank: 16/159).
51. **唐婉如**、陳冠宇、徐聖輝、方俊凱* (2010) · 病情告知訓練的初步效益 · *台灣癌症雜誌* · 26(3) · 112-124 ° <https://doi.org/10.6323/JoCRP.2010.26.3.3>
52. **Tang, W. R.***, Tang, S. T., & Kao, C. Y. (2009). Psychometric testing of the caregiver quality of life index-cancer on a Taiwanese family caregiver sample. *Cancer Nursing*, 32(3), 220-229. <https://doi.org/10.1111/j.1365-2702.2009.02959.x> (SCI, IF=2.760, Rank: 25/123)
53. Liu, T.C., Chang, W.H., Jiang, B.C., Maa, S.H., Chien, D.K., & **Tang, W. R.*** (2009). Mortality factors survey of SARS in Taiwan. *International Journal of Gerontology*, 3(1), 31-38. [https://doi.org/10.1016/S1873-9598\(09\)70018-3](https://doi.org/10.1016/S1873-9598(09)70018-3) (SCI, IF=0.358, Rank: 64/67)
54. **Tang, W. R.*** (2009). Hospice family caregivers' quality of life. *Journal of Clinical Nursing*, 18(18), 2563-2572. <https://doi.org/10.1111/j.1365-2702.2008.02753.x> (SCI, IF= 4.423, Rank: 4/125)
55. **唐婉如*** (2009) · 台灣地區專科護理師的發展 · *中國護理管理* · 9(4) · 24-26 °

