



CHIANG YUEH-TAO

ASSISTANT PROFESSOR

EDUCATION

PhD
Doctor of Graduate Institute of
Clinical Medical Sciences, Chang Gung
University (2014)

MS
Master of Science in Nursing,
Fu Jen Catholic University (2006)

BS
Bachelor of Science in Nursing,
Fu Jen Catholic University (2000)

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RESEARCH INTERESTS

healthcare needs, health promoting behaviour,
exercise behaviour, type 1 diabetes, congenital heart
disease, adolescent development, nursing education

TEACH

PEDIATRIC NURSING, PEDIATRIC NURSING PRACTICE, HUMAN
DEVELOPMENT, HUMAN DEVELOPMENT PRACTICE, SEMINAR,
ADVANCED WOMEN AND CHILDREN HEALTH NURSING AND
PRACTICE, ISSUES ON QUALITY OF LIFE

RESEARCH EXPERIENCES

- Development and Evaluation of Online Interactive Podcast Program "Living with Type 1 Diabetes to Grown-Up": A Mixed-Methods Study-Continued Research Project (2025/08/01-2026/07/31)
- Development and Evaluation of Online Interactive Podcast Program "Living with Type 1 Diabetes to Grown-Up": A Mixed-Methods Study. (2023/08/01-2024/07/31)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetics Aged 16-25: Continued Research Project (1). (MOST 109-2314-B-182-057-MY2) (NMRPD1K1022) (2020/8/1-2022/7/31)
- An Exploratory Study of the Health Care Needs and Related Factors of Type 1 Diabetes During the Transition Phase on Patients Age between 16 and 25. (CMRPD1K0461) (2020/10/1-2020/9/30)

- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetics Aged 16-25: Continued Research Project. (MOST 108-2314-B-182-022) (NMRPD1J0341)(2019/8/1- 2020/10/31)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetes Aged 16-25. [PI,NMRPD1H0881] (2018/8/1- 2019/7/31)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetes Aged 16-25. [PI,NMRPD1H0881] (2018/8/1- present)
- The life experiences and health care needs of type 1 diabetes during the transition phase on patients aged between 16 and 25. [PI,NMRPD1G1381] (2017/8/1-2018/7/31)
- The predictive model of transiently lost to follow-up among patients with congenital heart disease in Taiwan(2012-2017)
- Needs of adolescents and young adults with congenital heart disease regarding transitional care: Delphi method. (2013/8-2014/7)
- Living experiences in adolescent to early adulthood patients with congenital heart disease. (2012/8- 2013/7)
- Self-regulation theory on exercise for adolescents with congenital heart disease. (2011/8-2012/7)
- Exercise experience for adolescents with mild congenital heart disease. (2010/8-2011/7)
- The life cultivation of nursing education touched by care, concern and compassion. (2005/8-2007/7)
- Parents' caring experiences of children with Prader-Willi syndromes in Taiwan. (2004/7-2005/5)

Journal publication

1. **Chiang, Y. T.***, Yu, H. Y., Chen, C. W., & Moons, P.* (2026). Treatment fidelity in nursing education research: Striking a balance between rigor and real-world relevance as a contemporary challenge. *Nurse Education Today*, 162, 107037.
<https://doi.org/https://doi.org/10.1016/j.nedt.2026.107037> (Moons, P. contributed equally to this manuscript.) (SSCI, IF= 4.2, Nursing, 4/193 = 2.1%, Q1.)
2. **Chiang, Y. T.***, Chen, C.W., Cho, Y.H., & Lin,W.Y. (2025). Bridging the gap: Challenges and educational responses to the theory–practice divide in pediatric nursing education. *Chang Gung Nursing*. (Chinese). Accepted: December 29, 2025 (First and Corresponding Author)
3. **Chiang, Y.T.***, Chen, C.W., Cho, Y.H., & Lo, F.S. (2025). Preventing sarcopenia from adolescence: Muscle health risks and the role of school-based care in adolescents with type 1 diabetes. *Journal of School Health Nursing*, 32, 18–30.(Chinese) (First and Corresponding Author)
4. Chang, Y. L., Hsieh, M. J., Chang, Y. C., Ma, C. T., **Chiang, Y. T.**, Yu, H. Y., Chen, C. Y., & Tsai, Y. F. (2025). Efficacy of simulation-based education on intensive care nurses' knowledge, self-efficacy, and critical thinking in delirium care: A randomised controlled trial. *Australian Critical Care*, 38(6), 101447. <https://doi.org/10.1016/j.aucc.2025.101447> (SCIE/SSCI, IF=2.7, Nursing, 27/ 193= 14.1%, Q1)
5. Chang, Y. L., Hsieh, M. J., Chang, Y. C., Ma, C. T., **Chiang, Y. T.**, Yu, H. Y., Chen, C. Y., & Tsai, Y. F. (2025). Efficacy of simulation-based education on intensive care nurses' knowledge, self-efficacy, and critical thinking in delirium care: A randomised controlled trial. *Australian Critical Care*, 38(6), 101447.<https://doi.org/https://doi.org/10.1016/j.aucc.2025.101447> (SSCI/SCIE, Impact Factor 2.723: Nursing: Q1, Percentile 85.9)
6. **Chiang, Y. T***, Lo, F. S., Yu, H. Y., Chen, C. W., & Moons, P. (2025). Efficacy of the online interactive podcast program “living with type 1 diabetes to grown-up”: A two-arm randomized controlled trial protocol. *Journal of diabetes research*, 2025(1), 4866975.
<https://doi.org/https://doi.org/10.1155/jdr/4866975> (SCIE, Impact Factor 3.4; Medicine, Research & Experimental: Q2, 75/195= 61.8; Endocrinology & Metabolism: Q2, 75/191= 61)(NSTC 112-2314-B-182-012; Chang Gung University, NMRPD1N0061.)
7. Yu, H. Y*, Tseng, I. H., Chin, Y. F., Li, R. H., Shen, Y. C., Lee, L. H., Yang, C. I., Chang, Y. L., **Chiang, Y. T***. (2025). Development and initial validation of a role strain scale for male nursing students. *Nurse Educ Today*, 147, 106607. (SSCI, Nursing, IF= 3.6, SSCI 9/193 = 4.4%, Q1.)
8. **Chiang, Y.T***, Yu,H.Y., Tsay,P.K., Chen, C. W., Chi-Wen Chang, Hsu, C. L., Lo, F. S.,& Moons, P. (2025). Effectiveness of user-centered “Healthcare CEO” app for type 1 diabetes patients transitioning from adolescence to early adulthood: protocol for a randomized control trial study. *JMIR Research Protocol*, Vol 14 (2025). (ESCI, 5 Year Impact Factor =1.5). (MOST 109-2314-B-182-057-MY2; NMRPD1K1021)
9. Liang, J.S., Lin, H.-Y., Chen, Y.J., Lai, F.C., Liu, H.-M., Yang, C.Y., **Chiang, Y.T.**, & Chen, C.-W. (2024). Nurses' perspectives on child-friendly care needs in emergency departments: A qualitative study. *International Emergency Nursing*, 73, 101402.
<https://doi.org/https://doi.org/10.1016/j.ienj.2023.101402> (SSCI, IM: 2.6, Q2, Nursing, 66/193=66.1, Q2)
10. Chien, M. J., Chien, C. H., Huang, X. Y., & **Chiang, Y. T.** (2023). The life experiences of women with interstitial cystitis/bladder pain syndrome: A qualitative phenomenological study. *Journal of Advanced Nursing*, 10.1111/jan.15754. Advance online publication.
<https://doi.org/10.1111/jan.15754>. (SSCI, IF=3.4, Nursing, 15/193=92.5, Q1).

11. **Chiang, Y. T***, Chang, C. W., Yu, H. Y., Tsay, P. K., Lo, F. S., Chen, C. W., Lin, W. Y., Hsu, C. L., An, C., & Moons, P. (2023). Developing the "Healthcare CEO App" for patients with type 1 diabetes transitioning from adolescence to young adulthood: A mixed-methods study. *Nursing open*, 10(3), 1755–1766. <https://doi.org/10.1002/nop2.1432> (SSCI, IF: 2.3, Nursing, 44/193= 77.5, Q1) (MOST 108-2314-B-182-022; NMRPD1J0341)
12. * **Chiang, YT***, Tsay, PK., Chen, CW., Hsu, CL., Yu, HY., Chang, CW., * Lo, FS., & Moons, P. (2021). A Delphi study on the healthcare needs of patients with type 1 diabetes during the transition from adolescence to adulthood: Consensus among patients, primary caregivers, and healthcare providers. *International Journal of Environmental Research and Public Health*, 18(13), 7149. <https://www.mdpi.com/1660-4601/18/13/7149> (Yuehtao Chiang and Fusung Lo contributed equally to this article.) (Public, Environmental & Occupational (Health, SSCI, IF= 3.390, Q1, 41/176=23.3%) (MOST 107-2314-B-182-069; NMRPD1H0881)
13. Yu, H. Y. *, Huang, C. H., Chin, Y. F., Shen, Y. C., Chiang, **Y. T.**, **Chang**, C. W., & Lou, J. H. * (2021). The mediating effects of nursing professional commitment on the relationship between social support, resilience, and intention to stay among newly graduated male nurses: A cross-sectional questionnaire survey. *International Journal of Environmental Research and Public Health*, 18, 7546. <https://doi.org/10.3390/ijerph18147546> (Public, Environmental & Occupational Health, SSCI, IF= 3.390, Q1, 41/176=23.3%) (MOST 108-2314-B-182 -059; NMRPD1J1031)
14. Yu, H. Y., Chang, C. W., Yang, M. L., Shen, Y. C., **Chiang, Y. T.***, Chien, C. H. (2021). Quality of Life and measures in Children with intermittent exotropia: A systematic review and meta-analysis. *The Journal of Taiwan Association for Medical Informatics*. 30(2), 41-58.
15. **Chiang, Y.T***, Yu, H.Y., Lo, F.S., Chen, C.W., Huang, T.T., Chang, C.W., & Moons, P. (2020). Emergence of a butterfly: The life experiences of type 1 diabetes Taiwanese patients during the 16–25 years old transition period. *International Journal of Qualitative Studies on Health and Well-being*, 15(1), 1748362. doi:10.1080/17482631.2020.1748362 (Nursing, SSCI, IF=1.464, 48/118=40.68%, Q2) (MOST 106-2314-B-182-063) (NMRPD1G1381)
16. Chen, Y. J., Wang, J. K., Liu, C. Y., Yang, C. Y., **Chiang, Y. T.**, & Chen, C. W. (2020). Healthcare needs and quality of life in youths with congenital heart disease: Health-promoting behaviors as a mediator. *Journal of Pediatric Nursing*, 50, e113-e118. (Nursing, SSCI, IF=1.495, 50/121=41.32%, Q2) (MOST 106-2314-B-182-063) (MOST-103-2314-B-030-003-MY3)
17. Hsu, H. M., Chu, C. M., Chang, Y. J., Yu, J. C., Chen, C. T., Jian, C. E., Lee, C.Y., **Chiang, Y.T.**, Chang, C.W., & Chang, Y. T. (2019). Six novel immunoglobulin genes as biomarkers for better prognosis in triple-negative breast cancer by gene co-expression network analysis. *Scientific reports*, 9(1), 1-12. (Multidisciplinary Sciences, 10/63 (Q1), SCI, IF=3.998, 17/71=23.94%, Q1)
18. **Chiang, Y. T***, Chang, C.W., Zheng, Q. C Chiu, Y.Y., Yu, H. Y., & Lin, S. F. (2018). Mind mapping: A creative development in pediatric nursing practice. *Yuan-Yuan Nursing*, 12(2),50-57. (Chinese).
19. Chang, C.W., **Chiang, Y. T.**, & Yu, H. Y. (2017). Clinical application of therapeutic play in children. *Yuan-Yuan Nursing*, 11(1), 44-51. DOI: 10.6530/YYN (Chinese)
20. Chen, C. W., Su, W. J., **Chiang, Y. T.**, Shu, Y. M., & Moons, P. (2017). Healthcare needs of adolescents with congenital heart disease transitioning into adulthood: a Delphi survey of patients, parents, and healthcare providers. *European Journal of Cardiovascular Nursing*, 16(2), 125-135. (Nursing, SCI, IF=2.296, 11/123=8.94%, Q1)
21. Chang, C.W., Yu, H.Y., **Chiang, Y.T***, Chen, C.W. & Lo, F.H. (2017). Multiple perspectives of transitional experiences among patients with type 1 diabetes. *Chang Gung Nursing*, 28 (2),219-228. (Chinese)
22. **Chiang Y. T***, Yu, H.Y., & Chang, C.W. (2016). Impact of type 1 diabetes during the transition phase on patients aged between 16 and 25 and the nursing trends. *Chang Gung Nursing*, 27 (3),342-352. (Chinese).

23. **Chiang, Y.T***, Chen, C.W., & Chen, Y.C. (2015). Between invisible defects and visible impact: the living experiences of adolescents and young adults with congenital heart disease. *Journal of Advanced Nursing*, 71(3), 599-608. (Nursing, SCI, IF=2.561, 6/123=4.88%, Q1)
24. Chen, C. W., Su, W. J., Wang, J. K., Yang, H. L., **Chiang, Y. T.**, & Moons, P. (2015). Physical self-concept and its link to cardiopulmonary exercise tolerance among adolescents with mild congenital heart disease. *European Journal of Cardiovascular Nursing*, 14(3), 206-213. (Nursing, SCI, IF=2.296, 11/123=8.94%, Q1)
25. **Chiang, Y.T***, Lu, C.W., Su, W.J., Tsay, P.K., Wang, J.C., & Chen, C.W. (2013). Designing a self-regulated program of exercise for adolescents with congenital heart disease. *Fu-Jen Journal of Medicine*, 11(3), 225-236. (Chinese)
26. **Chiang, Y.T***, Chen, C.W., Tsay, P.K., Chen, C.M., & Tang, S.T. (2012). Literature review of the prevalence of end-of-life symptoms in children. *VGH Nursing*, 29(4), 374-381. (Chinese)
27. **Chiang, Y.T***, Chen, C.W., & Chen, Y.C. (2011). From limitation to mastery: Exercise experience for adolescents with mild congenital heart disease. *Journal of clinical Nursing*, 20, 2266-2276. (Nursing, SCI, IF=1.972, 23/123=18.69%, Q1)
28. Shiau, S.J., **Chiang, Y.T.**, Huang, Y.C., & Chiu, P.R. (2009). To explore the embracing 3C in the master course of nursing theory. *Fu-Jen Journal of Medicine*, 7(1), 9-16. (Chinese)
29. Shiau, S.J., **Chiang, Y.T.**, Huang, Y.C., & Chiu, P.R., Feng, R.F., Heh, S.C., & Chen, C.W. (2006). The life cultivation of nursing education touched by care, concern and compassion. *Journal of Medical Education*, 10(1), 1-7.

Conference Papers

1. **Chiang, Y. T.** ^{*}, Lo, F. S. (2025, Jul). A Solitary Weight Loss Journey: Exploring the Lived Experiences and Perceptions of Obese Adolescents. 36th International Nursing Research Congress, Seattle, Washington, USA. (NSTC 111- 2314-B-182A-141-1)
2. Yu, H. Y. ^{*}, Shen, Y. C., & **Chiang, Y. T.** ^{*}. (2025, Jun, 09-13). Building your successful nursing career: a protocol of a career planning mobile application for male nurses - a randomized double-blind controlled trial. [e-poster presentation]. The 30th ICN Congress, Helsinki, Finland.
3. Yu, H. Y. ^{*}, Shen, Y. C., **Chiang, Y. T.**, Chao, Y. P., Lou, J. H., & Dai, H. T. (2025, Jun, 09-13). Seeking a better future under pressure: The career planning experiences of male nurses in Taiwan [e-poster presentation]. The 30th ICN Congress, Helsinki, Finland.
4. **Chiang, Y. T.** ^{*}, Lo, F. S. & Yu, H. S. (2025, Jun). Developing an Online Interactive Podcast Program “Living with Type 1 Diabetes to Grown- Up” for adolescents transitioning to young adults: A Mixed-Methods. ICN 2025 Congress 112-2314- B-182-012-, Helsinki, Finland. (NSTC NMRPD1N0061; NMRPD1N0061)
5. Yu, H. Y., **Chiang, Y. T.**, Shen, Y. C. & Lou, J. H. (2024, Oct). Career Planning, Career Self-Efficacy, and Career Success for Newly Graduated Male Nurses. 9th International Nurse Education Conference, Singapore. (Co-Author)
6. Yu, H. Y., **Chiang, Y. T.**, Shen, Y. C. & Lou, J. H. (2024, Oct.). The Career Planning of Newly Graduated Male Nurses in Taiwan: A Cross-Sectional Study.. 9th International Nurse Education Conference, Singapore.
7. **Chiang, Y. T.** ^{*}. F.S. Lo, H.Y. Yu, C.W. Chen. (2024, Sep). Effectiveness of the ‘Healthcare CEO’ App for Type 1 Diabetes Patients Transitioning From Adolescence to Early Adulthood: A Pilot Study with Mixed Methods. ICN NP/ APN Network Conference, Aberdeen, UK. MOST 109-2314-B-182-057-MY2.
8. **Chiang, Y. T.** ^{*} & Lo, F. S. (2023). Health care needs of Youth with type 1 diabetes: Instrument development and validation. 34th Sigma International Nursing Research Congress. Abu Dhabi, United Arab Emirates, 19 July- 24 July 2023.
9. **Chiang, Y. T.** ^{*} & Lo, F. S. (2022). Developing a mobile application for adolescents and young adults with type 1 diabetes 33th Sigma International Nursing Research Congress. Edinburgh, Scotland, 21 July - 25 July, 2019. (poster presentation, An excellent poster and an invitation to give an oral presentation.) (MOST 108-2314-B-182-022)
10. **Chiang, Y. T.** ^{*}, Chang, C.W., Yu, H.Y., & Lo, F.S. (2020). Healthcare needs of 16-25-Year-Old Patients with Type 1 Diabetes: A Delphi Survey. 31th Sigma International Nursing Research

Congress, Abu Dhabi, United Arab Emirates, 23 July - 27 July 2020. (poster presentation, Accepted on 01/29/2020) (MOST 107-2314-B-182-069) (NMRPD1H0881)

11. **Chiang, Y.T*.,** Chang, C.W., Yu, H.Y., & Lo, F.S. (2019). The Life Experiences of 16-25-Year-Old Patients with Type 1 Diabetes. 30th Sigma International Nursing Research Congress, Calgary, Alberta, Canada, July 25 - 29, 2019. (poster presentation) (MOST 107-2314-B-182-069, NMRPD1H0881)
12. **Chiang, Y.T*.,** Chang, C.W., Yu, H.Y., & Lo, F.S. (2018). Healthcare Needs of 16-25-year-old Patients with Type 1 Diabetes: Meta-Synthesis. 29th Sigma International Nursing Research Congress, Melbourne, Australia, 19 July - 23 July 2018. (poster presentation)(MOST 106-2314-B-182-063, NMRPD1G1381)
13. **Chiang, Y.T*.,** Chang, C.W., Yu, H.Y., & Lo, F.S. (2017). Life Experience of Patients with Type 1 Diabetes from Late Adolescence to Early Adulthood: Meta-synthesis. ICN 2017, Barcelona, Spain, 27 May -1 June 2017. (poster presentation)
14. **Chiang, Y.T*.,** Chang, C.W., Yu, H.Y., & Lo, F.S. (2016). The Impacts and Care Trends of Type 1 Diabetes during the Transition Phase on Patients Aged between 16 to 25. 11th IDF-WPR Congress & 8th AASD Scientific Meeting, Taipei, Taiwan, 27-30 Oct 2016. (poster presentation)
15. **Chiang, Y.T*.,** & Tsay, P.K. (2016). The Predictive model of transiently lost to follow-up among patients with congenital heart disease in Taiwan.10th Global Nursing & Healthcare Conference, Sao Paulo, Brazil, 18-19 Aug 2016. (oral presentation, The best presentation reward)
16. Chen, C.W., & **Chiang, Y.T.** (2015). Health care needs in adolescents into young Adults with congenital heart disease: A Delphi survey of patients, parents, and health care providers. European Society of Cardiology, London, UK, Aug 2015. (Best Poster Presentation reward)
17. **Chiang, Y.T*.,** Chang, C.W., Yu, H.Y. (2014). Needs of adolescents and young adults with congenital heart disease regarding transitional care. Asia-Pacific Nursing Research Conference, Taipei, Taiwan, Sep 2014 (poster presentation) (Best Poster Presentation).
18. Chen, C.W., & **Chiang, Y.T.** (2014). Between invisible defects and visible impacts: The living experience of adolescents and young adults with congenital heart disease. 8th ICN INP/APNN Conference, [Helsinki](#), Finland, Aug 2014. (poster presentation).
19. **Chiang, Y.T*.** (2007). Parents' Caring Experiences of Children with Prader-Willi Syndrome in Taiwan. 23rd Annual Nursing Research Conference, Taichung, Taiwan, Sep 2007 (poster presentation)