

CURRICULUM VITAE

PERSONAL DATA

Name: Shu-Fang Chang, MSN, RN, Ph.D.
 Current Position: Professor
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EDUCATION

| Duration | Institution & Location | Degree | Major Subject |
|-----------------|---|---------------|----------------------|
| 2004-2008 | National Taiwan Normal University Department of Industrial Education Taipei, Taiwan | Ph.D. | Industrial Education |
| 1997-2000 | Taipei Medical University College of Nursing Taipei, Taiwan | MSN | Community Nursing |
| 1987-1991 | Kaohsiung Medical University College of Nursing Kaohsiung, Taiwan | BSN | Nursing |

SPECIALTIES & RESEARCH INTERESTS

1. Community Nursing
2. Evidence-Based Nursing
3. Geriatric Nursing
4. Curriculum Development
5. Health and Cosmetics (Skin Health Care and Practice of Cosmetics)

PUBLICATIONS

Journals

1. Chu, W., **Chang, S. F***, Ho, H. Y., & Lin, H. C. (2019). The Relationship Between Depression and Frailty in Community-Dwelling Older People: A Systematic Review and Meta-Analysis of 84,351 Older Adults. *Journal of Nursing Scholarship*, (Accepted May 10, 2019) **【IF:2.662, Rank:2/115=1.73%】** (NURSING - SSCI)-USA
2. **Chang, S. F***, Lin, H. C., Cheng, C. L. (2018). The Relationship of Frailty and Hospitalization Among Older People: Evidence From a Meta-Analysis. *Journal of*

- Nursing Scholarship*, 50(4), 383-391. 【IF:2.662, Rank:2/115=1.73%】 (NURSING - SSCI)-USA
3. **Chang, S. F.***, Lin, P. C., Yang, R. S., & Yang, R. J. (2018). The preliminary effect of whole-body vibration intervention on improving the skeletal muscle mass index, physical fitness, and quality of life among older people with sarcopenia. *BMC geriatrics*, 18(1), 17. 【IF:2.611, Rank:9/32=28.12%】 (GERONTOLOGY - SSCI)- ENGLAND
 4. Chiu, S. C., Yang, R. S., Yang, R. J., & **Chang, S. F.*** (2018). Effects of resistance training on body composition and functional capacity among sarcopenic obese residents in long-term care facilities: a preliminary study. *BMC Geriatrics*, 18(1), 21. 【IF:2.611, Rank:9/32=28.12%】 (GERONTOLOGY - SSCI) - ENGLAND
 5. **Chang, C. F.***, Yang, R. J., Chang, S. F., Chou, Y. H., & Huang, E. W. (2017). The effects of quality of life and ability to perform activities of daily living on mild cognitive impairment in older people living in publicly managed congregate housing. *Journal of nursing research*, 25(3), 187-197. 【IF:0.944, Rank:69/114=60.52%】(NURSING - SSCI)-TAIWAN
 6. **Chang, S. F.**, Shu Ching Chiu., & Hui-Chen Lee (2017). The effectiveness of strength training on body composition and physical performances among older people with sarcopenia obesity. *Journal of Nursing & Care*, 6(4), 168. ISSN: 2167-1168.
 7. **Chang, S. F.*** & Dlamini, S. (2017). Predictors of Satisfaction Services among Post-Abortion Women: A Multiple Hierarchical Analysis. *International Journal of Nursing*, 4(1), 47-56.
 8. **Chang, S. F.*** (2017). Interventions used to improve control of blood pressure in patients with hypertension. *The Journal of Health Sciences*, 4(1), 17-20. (第一作者暨通訊作者)
 9. Chan, D. C. D., Tsou, H. H., Chang, C. B., Yang, R. S., Tsauo, J. Y., Chen, C. Y., ... & Hsiung, C. A. (2017). Integrated care for geriatric frailty and sarcopenia: a randomized control trial. *Journal of cachexia, sarcopenia and muscle*, 8(1), 78-88. 【IF:9.697, Rank:8/115=5.16%】(MEDICINE, GENERAL & INTERNAL - SCIE)- GERMANY (FED REP GER)
 10. Cheng, C. L., Chao, P. M., **Chang, S. F.***, (2017). Frailty Was Related with Disability Among Community-Dwelling Older People: A Systematic Study. *International Journal of Nursing and Health Science*, 4(6), 92-95.
 11. **Chang, S. F.** (2017). Frailty Is a Major Related Factor for at Risk of Malnutrition in Community - Dwelling Older Adults. *Journal of Nursing Scholarship*, 49(1), 63-72. 【IF:2.396, Rank:6/114=5.26%】 (NURSING - SSCI)- USA
 12. Cheng, M. H., & **Chang, S. F.***(2017). Frailty as a Risk Factor for Falls Among Community Dwelling People: Evidence From a Meta-Analysis. *Journal of nursing scholarship*, 49(5), 529-536. 【IF:2.396, Rank:6/114=5.26%】 (NURSING - SSCI)- USA
 13. Chen, K. W., **Chang, S. F.***, & Lin, P. L. (2017). Frailty as a Predictor of Future Fracture in Older Adults: A Systematic Review and Meta-Analysis. *Worldviews on Evidence-Based Nursing*, 14(4), 282-293. 【IF:2.103, Rank:11/114=9.64%】 (NURSING - SSCI)- USA
 14. **Chang, S. F.** (2017). Concept analysis of geriatric sarcopenia. *International Journal of Nursing and Health Science*, 3(1), 5-8. (第一作者暨通訊作者)
 15. Chiu, S. C., Chung, Y. C., Lee-Wen, P., & **Chang, S. F.*** (2016). Using a Qualitative Triangulation Method to Explore the Challenge of Myopia Prevention in School Children for the Role of School Health Nursing. *International Journal of Nursing*, 3, 1. (第四作者暨通訊作者)
 16. Chiu, S. C., Chen, S. W., Chiang, C. K., Chung, Y. C., & **Chang, S. F.*** (2016). The Analysis and Assessment of Dangerous Factors in the Visual Lifestyle of Children from

- the Perspective of Myopia Prevention. *International Journal of Nursing*, 3(1), 46-54.
17. **Chang, S. F.***, & Lin, P. L. (2016). Systematic Literature Review and Meta-Analysis of the Association of Sarcopenia With Mortality. *Worldviews on Evidence-Based Nursing*, 13(2), 153-162. 【IF:2.103, Rank:11/114=9.64%】 (NURSING - SSCI)- USA
 18. **Chang, S. F.***, & Lin, P. L. (2016). Pre frailty in community-dwelling older adults is associated with nutrition status. *Journal of clinical nursing*, 25(3-4), 424-433. 【IF:1.241, Rank:52/114=45.61%】 (NURSING - SSCI)- ENGLAND
 19. **Chang, S. F.***, & Wen, G. M. (2016). Association of frail index and quality of life among community-dwelling older adults. *Journal of clinical nursing*, 25(15-16), 2305-2316. 【IF:1.241, Rank:52/114=45.61%】 (NURSING - SSCI)- ENGLAND
 20. **Chang, S. F.***, & Yang, R. S. (2016). Optimal Analysis to Discriminate Males' Osteoporosis with Simple Physiological Indicators: A Cutoff Point Study. *American journal of men's health*, 10(6), 487-494. 【IF:2.141, Rank:52/114=45.61%】 (PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH - SSCI)- USA
 21. **Chang, S. F.***, & Lin, P. L. (2015). Frail phenotype and mortality prediction: a systematic review and meta-analysis of prospective cohort studies. *International journal of nursing studies*, 52(8), 1362-1374. 【IF:3.755, Rank:1/114=0.088%】 (NURSING - SSCI)- ENGLAND
 22. Lee, H. C., Lu, Z. J., Yeh, M.L. Allan, H., & **Chang, S. F.*** (2015). Early intervention screening is more than "Simply" screening. *International Journal of Healthcare, Insurance and Equity*, 1(2), 222-231. (第五作者暨通訊作者)
 23. **Chang, S. F.***, & Nieh, H. M. (2015). Adjusting the Daily Activities of Seniors Living in Nursing Institutions as a Method to Address the Occurrence of Depression. *ARC Journal of Nursing and Healthcare*, 1(1), 1-15. (第一作者暨通訊作者)
 24. **Chang, S. F.***, Hong, C. M., & Yang, R. S. (2014). The performance of an online osteoporosis detection system a sensitivity and specificity analysis. *Journal of clinical nursing*, 23(13-14), 1803-1809. 【IF:1.241, Rank:52/114=45.61%】 (NURSING - SSCI)- ENGLAND
 25. **Chang, S. F.***, Yang, R. S., Nieh, H. M., & Wen, G. M. (2015). Prevalence and risk factors of frailty phenotype among vulnerable solitary elderly individuals. *International journal of nursing practice*, 21(3), 321-327.【IF:1.018, Rank:64/114=56.14%】(NURSING - SSCI)- AUSTRALIA
 26. **Chang, S. F.***, Yang, R. S., Lin, T. C., Chiu, S. C., Chen, M. L., & Lee, H. C. (2014). The Discrimination of Using the Short Physical Performance Battery to Screen Frailty for Community-Dwelling Elderly People. *Journal of nursing scholarship*, 46(3), 207-215. 【IF:2.396, Rank:6/114=5.26%】 (NURSING - SSCI)- USA
 27. Yang, R. J., Lu, Y. Y., Chung, M. L., & **Chang, S. F.*** (2014). Developing a short version of the test anxiety scale for baccalaureate nursing skills test—A preliminary study. *Nurse education in practice*, 14(6), 586-590. 【IF:1.314, Rank:38/114=33.33%】 (NURSING - SSCI)- ENGLAND
 28. **Chang, S. F.***, & Yang, R. S. (2014). Determining the cut-off point of osteoporosis based on the osteoporosis self-assessment tool, body mass index and weight in Taiwanese young adult women. *Journal of clinical nursing*, 23(17-18), 2628-2636. 【IF:1.241, Rank:52/114=45.61%】 (NURSING - SSCI)- ENGLAND
 29. **Chang, S. F.*** (2014). Confirmatory Study for Developing the Construction of Core Competencies of Nursing Practice. *Journal Nursing Care*, 3(188), 2167-1168. (第一作者暨通訊作者)

30. Lee, H. C., **Chang, S. F.***, Hsieh, C. J., Lin, H. P., Ling, C. H., Cheng, H. S., Chen, M. Y. (2014). Compilation of dementia prevention manual for elderly. *Taiwan Association of Gerontology and Geriatrics*, 9(2), 26. (第二作者暨通訊作者)
31. **Chang, S. F.*** (2013). Frail Elderly Adults: Concerns and Recommendations. *Thrita*, 2(3), 40-41. (第一作者暨通訊作者)
32. **Chang, S. F.*** (2013). Constructing and validating a global student-centered nursing curriculum learning efficacy scale: a confirmatory factor analysis. *Nurse education today*, 33(10), 1173-1178. 【 IF:2.533, Rank:4/114=3.50% 】 (NURSING - SSCI)- SCOTLAND
33. **Chang, S. F.*** (2012). The development of an evaluation tool to measure nursing core curriculum teaching effectiveness: An exploratory factor analysis. *Journal of Nursing Research*, 20(3), 228-236. (第一作者暨通訊作者) 【 IF:0.944, Rank:69/114=60.52% 】 (NURSING - SSCI)- TAIWAN
34. **Chang, S. F.***, & Chuang, M. H. (2012). Factors that affect self-care behaviour of female high school students with dysmenorrhoea: A cluster sampling study. *International journal of nursing practice*, 18(2), 117-124. (第一作者暨通訊作者) 【 IF:1.018, Rank:64/114=56.14% 】 (NURSING - SSCI)- AUSTRALIA
35. **Chang, S. F.***, Hong, C. M., & Yang, R. S. (2011). Global computer-assisted appraisal of osteoporosis risk in Asian women: an innovative study. *Journal of clinical nursing*, 20(9-10), 1357-1364. (第一作者暨通訊作者) 【 IF:1.241, Rank:52/114=45.61% 】 (NURSING - SSCI)- ENGLAND
36. **Chang, S. F.***, Yang, R. S., Chen, C. M., Huang, C. Y., & Yang, R. J. (2011). Cost-effectiveness and effectiveness of applying intelligent osteoporosis health risk assessment system in community-dwelling women: a novel evidence-based study. *Journal of Nursing and Healthcare of Chronic Illness*, 3(4), 445-455. (第一作者暨通訊作者)
37. **Chang, S. F.***, Yang, R. S., Chung, U. L., Chen, C. M., & Cheng, M. H. (2010). Perception of risk factors and DXA T score among at - risk females of osteoporosis. *Journal of clinical nursing*, 19(13-14), 1795-1802. (第一作者暨通訊作者) 【 IF:1.241, Rank:52/114=45.61% 】 (NURSING - SSCI)- ENGLAND
38. Yeh, M. L., Rong, J. R., Chen, M. L., **Chang, S. F.**, & Chung, U. L. (2009). Development of a new prototype for an educational partnership in nursing. *Journal of Nursing Education*, 48(1), 5-10. 【 IF:0.957, Rank:68/114=59.64% 】 (NURSING - SSCI)- USA
39. **Chang, S. F.*** (2008). Knowledge, health beliefs, and behaviors in first-degree relatives of women suffering from osteoporosis in Taiwan: A questionnaire survey. *Journal of clinical nursing*, 17(10), 1280-1286. 【 IF:1.241, Rank:52/114=45.61% 】 (NURSING - SSCI)- ENGLAND
40. **Chang, S. F.***, Hong, C. M., & Yang, R. S. (2007). Cross-sectional survey of women in Taiwan with first-degree relatives with osteoporosis: knowledge, health beliefs, and preventive behaviors. *Journal of nursing research*, 15(3), 224-232. 【 IF:0.944, Rank:69/114=60.52% 】 (NURSING - SSCI) - TAIWAN
41. **Chang, S. F.*** (2006). Knowledge, health beliefs, and behaviours in first-degree relatives of women suffering from osteoporosis. *Journal of clinical nursing*, 15(2), 227-229. 【 IF:1.241, Rank:52/114=45.61% 】 (NURSING - SSCI)- ENGLAND
42. **Chang, S. F.*** (2006). A cross-sectional survey of calcium intake in relation to knowledge of osteoporosis and beliefs in young adult women. *International journal of nursing practice*, 12(1), 21-27. 【 IF:1.018, Rank:64/114=56.14% 】 (NURSING - SSCI)- AUSTRALIA

43. **Chang, S. F.*** (2004). Explore the effectors of bone mineral density in community women. *Journal of nursing research*, 12(4), 327-336. 【IF:0.944, Rank:69/114=60.52%】 (NURSING - SSCI) - TAIWAN
44. **Chang, S. F.*** (2003). Worksite health promotion --The effect of the employee fitness program. *Journal of Nursing Research*, 11(3), 227-230. (SSCI) 【 IF:0.944, Rank:69/114=60.52%】 (NURSING - SSCI) - TAIWAN
45. **Chang, S. F.***, Chen, C. M., Chen, P. L., & Chung, U. L. (2003). Predictors of community women's osteoporosis prevention intention--a pilot study. *Journal of Nursing Research*, 11(4), 231-240. 【IF:0.944, Rank:69/114=60.52%】 (NURSING - SSCI) - TAIWAN

International Conference

1. **Chang, S. F.*** (2019, August). *Resilience as a Mediator on Health-Related Quality of Life in Patients with Systemic Lupus Erythematosus*. 2019 AAPINA&TWNA Joint International Conference. Taiwan, Taichung. (poster) 【通訊作者暨第一作者】
2. **Chang, S. F.***, Chiu, S. C., & Lee, H. C. (2017, July). *The effectiveness of strength training on body composition and physical performances among older people with sarcopenia obesity*. The 23rd World Nursing and Healthcare Conference. Berlin, Germany. 【通訊作者暨第一作者】
3. **Chang, S. F.*** (2017, August). *Predictors of Quality of Life in Community Dwelling Frail People*. The 2nd APNRC 2017. Taipei, Taiwan. (poster) 【通訊作者暨第一作者】
4. Kuo, L. C., **Chang, S. F.**, Hong Q. Z., Lin P. J., Chung, P. C. (2017, May). *The community assessment and diagnosis in Jianmin Vallage*. The 9th International Academic Conference 2017 "Global Health Issues & Wound Care". (poster) 【第二作者】
5. **Chang, S. F.*** (2017, July). *Confirmatory Study for Developing the Core Competencies of Nursing Practice in Taiwan*. The 3rd International Conference on Education, Psychology and Society. Okinawa, Japan. (poster) 【通訊作者暨第一作者】
6. Lee, H. C., Huang, T. T., Lin, Y. J., **Chang, S. F.**, & Lin, P. L. (2017, May). *The effectiveness of the community-based intervention program on physical and mental health of people with diabetes mellitus*. International Council of Nurses Congress, Barcelona. (poster)
7. **Chang, S. F.** (2016, November). *Falling-prevention program in a senior residence*. The 21th Annual Convention of Asian Christian Hospital Association conference, Changhua. (poster) 【The second author】
8. Chang, C. L., **Chang, S. F.**, Chien, M. T., Cheng, Y. F., Yu, S. C., Kuo, Y. L., Hung, L. Y., Chao, P. M. (2016, June). *Multifactors falling-prevention in a senior residence*. 24th International HPH Conference on Health Promoting. Yale University, USA. 【第二作者】
9. Lee, H. C., Lin, P. L., Huang, T. T., Lin, Y. J., Rong, S. Y., Chen, J. F., Lyu, S. R., Lee, H. L., Hsu, S. C., & **Chang, S. F.** (2016, June) *Effective Assessment of Community Diabetes Health Promotion Program Intervention*. Optimizing Healthcare Quality: Teamwork in Education, Research, and Practice conference. Chiang Mai. (poster)
10. **Chang, S. F.** (2016, September). *Frailty as a Predictor of Disability among Community Dwelling Elderly People: A Systematic Review and Meta-Analysis*. 第卅二次護理研究論文發表會暨兩岸護理學術交流. Tainan. 【Poster Presentation at (Ref. No. B6)】
11. Hsieh, C. J., **Chang, S. F.**, Chen, M. L., Wen, Y. (2016, January). *The effectiveness of*

- character education in the course of "Chinese Traditional Medicine in Nursing". The 2nd Asian Congress in Nursing Education. Tainan, Taiwan. 【Poster Presentation at 2016 ACiNE, 26 th~29th January, (Ref. No. 00051)】*
12. Hsieh C. J., **Chang, S. F.**, Chen, M. L., Wen Y. (2016, February). *The effectiveness of character in the course of "Chinese Traditional Medicine in Nursing". The 2nd Asian Congress in Nursing Education (2016 ACiNE). The National Cheng Kung University, Tainan, Taiwan (poster)*
 13. **Chang, S. F.** (2016, February). *Seven-Week Nutrition Intervention Program for Patients Undergoing Hemodialysis. The 2nd Asian Congress in Nursing Education (2016 ACiNE). The National Cheng Kung University, Tainan, Taiwan (poster)*
 14. Chiu, S. C., & **Chang, S. F.** (2015, August). *An Initial Exploration on Epidemiology and Measurement of the Elderly Sarcopenic Obesity. The Asian Symposium on Health Informatics and Nursing Education. Hiroshima, Japan.*
 15. **Chang, S. F.** (2015, February). *Predictive factors of at risk of malnutrition for pre-frail older adults in Taiwan. 18th East Asian Forum of Nursing Scholars. The NTUH International Convention Center, Taipei. (poster and moderator)*
 16. Yang R. J, **Chang S. F.**, Yeh M. L., Huang H. L (2015) How does HBM explain women's BSE competency across an instructional intervention. Spanish.
 17. **Chang, S. F.** (2014, September). *The predictive effects of frailty on the quality of life of elderly adults. Asia-Pacific Nursing Research Conference. The Grand Hotel, Taipei.*
 18. **Chang, S. F.** (2014, July). *The Discrimination of Screen Pre-Frailty for Community Dwelling Elderly People. Sigma Theta Tau International's 25th International Nursing Research Congress Hong Kong (poster). Hong Kong.*
 19. Lee, H. C., **Chang, S. F.***, Hsieh, C. J., Lin, H. P., Ling, C. H., Cheng, H. S., Yang, S. Y., Chen, M.Y. (2014, June). *Compilation of Dementia Prevention Manual for Elderly. Asia Pacific Geriatrics Conference Theme: Geriatric Training and Service for the Aging Society (poster). Taipei.*
 20. Chiu, S. C., & **Chang, S. F.** (2013, November). *The new challenge faced by the nurse role in prevention of nearsightedness of elementary school students in Taiwan. 2nd NUS-NUH International Nursing Conference & 18th Singapore-Malaysia Nursing Conference. Singapore.*
 21. Chiu, S. C., & **Chang, S. F.** (2013, February). *A concept analysis on children's use of eyes. The 16th East Asian Forum of Nursing Scholars(EAFONS) "Developing International Networking for Nursing Research" ° Bangkok, Thailand.*
 22. **Chang, S. F.*** (2013, February). *Frailty phenotype and risk factors among vulnerable individuals over 65 years and old living independently: a cross-sectional study. The 16th East Asian Forum for Nursing Scholars (EAFONS), Venue: The Emerald Hotel, Bangkok, Thailand.*
 23. **Chang, S. F.*** 、Lin, P. L. (2013, November). *Construction of holistic core competencies in nursing practice curricula for pre-registered nursing students. 2013 International Conference on Educational Innovation, National Hsinchu University of Education. (poster).*
 24. Lee, H. C., & **Chang, S. F.***(2013, November). *Applying multimedia teaching strategy in the lecture of community health nursing: Community health nurses work extract. 2013 International Conference on Educational Innovation, National Hsinchu University of Education. (poster).*

25. **Chang, S. F.** (2013, August). *Frailty Phenotype: Prevalence and Risk Factors Among Vulnerable Solitary Elderly Residents in Taiwan*. The 29th Annual nursing research conference, Taichung.
26. **Chang, S. F.***, & Yang, R. S. (2013, August). *Constructing Optimized Cut-Off Point of Osteoporosis Self-Assessment Tool Among Taiwanese Young Adult Female*. The Taiwanese Osteoporosis Association 102ed Member Conference & Academic Seminar, Taipei, Taiwan. (poster).
27. **Chang, S. F.** (2012, September). *Construct an evidence-based evaluation scales for global student-centered evaluation scale in nursing professional curricula*. The 28th Annual nursing research conference, Kaohsiung. (oral).