

## ***CURRICULUM VITAE***

### **PERSONAL DATA**

Name: Hsin Huang, RN, PhD.  
 Current Position: Associate Professor  
 Working Address: 365, Mingde Rd., Beitou District, Taipei City 112303  
 Phone (Office): 886-2-2822-7101 Ext. 3124  
 E-mail Address: huanghsin@ntunhs.edu.tw

### **EDUCATION**

<b>Duration</b>	<b>Institution &amp; Location</b>	<b>Degree</b>	<b>Major Subject</b>
2017-2020	National Taiwan University of Science and Technology Institute of Applied Sciences and Technology, Taipei, Taiwan	Ph.D.	Applied Sciences (Science Education and e-Learning)
2005-2007	National Taipei University of Nursing and Health Science School of Nursing, Taipei, Taiwan,	MSN	Nursing (Nursing Informatics)
1997-1999	National Taipei University of Nursing and Health Science School of Nursing, Taipei, Taiwan,	BSN	Nursing

### **SPECIALTIES & RESEARCH INTERESTS**

1. Nursing Informatics
2. Technology-Enhanced Learning
3. E learning
4. Medical-Surgical Nursing
5. Nursing Management
6. Medical Education
7. Social and Emotional Learning (SEL)

## **PUBLICATIONS**

### ***Journals***

1. Huang, H., & Hwang, G. J.,\* (2025) • Innovative Nursing Education in the AI Era: Implementation and Practice of Generative AI. *Yuan-Yuan Nursing*, 19(3), 13-19 . [https://doi.org/10.6530/YYN.202511\\_19\(3\).0002](https://doi.org/10.6530/YYN.202511_19(3).0002)
2. Huang, H., Tu, YF.,\* Hwang, G. J.,\* Lin, H. C., & Hu, D. (2025). Contrasting nursing students' and working staff's conceptions and motivation of using smart technologies in medical contexts: a draw-a-picture technique and epistemic network analysis. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-025-13746-8> (SSCI, 16/760=2.12%; **Impact factor = 5.4**, EDUCATION & EDUCATIONAL RESEARCH)
3. Lin, H. C.,\* Huang, H., Tsai, C. K., & Chang, S. C. (2025). Improving the quality of communicating with dementia patients: A virtual reality-based simulated communication approach. *British Journal of Educational Technology*, 56(1), 167-189. (SSCI, 6/760=0.8%; **Impact factor = 6.7**, EDUCATION & EDUCATIONAL RESEARCH)
4. Hwang, G. J., Huang, H.,\* & Chen, H. Y. (2025). Promoting students' civic literacy and positive learning behaviors: A supportive feedback-based decision-making gaming approach. *Education and Information Technologies*, 30(1), 189-227. (SSCI, 16/760=2.12%; **Impact factor = 5.4**, EDUCATION & EDUCATIONAL RESEARCH; **corresponding author**)
5. Huang, H.\* (2024). Promoting students' creative and design thinking with generative AI-supported co-regulated learning: Evidence from digital game development projects in healthcare courses. *Educational Technology & Society*, 27(4), 487-502. (SSCI, 22/760=2.9%; **Impact factor = 4.6**, EDUCATION & EDUCATIONAL RESEARCH)
6. Huang, H.\* & Lin, H. C. (2024). ChatGPT as a life coach for professional identity formation in medical education: A self-regulated learning perspective. *Educational Technology & Society*, 27 (3), 374-389. (SSCI, 22/760=2.9%; **Impact factor = 4.6**, EDUCATION & EDUCATIONAL RESEARCH; **corresponding author**)
7. 黃馨\* (2024)•生成式 AI 在職場生涯規劃的應用成效個案分析•*教育研究月刊*, 365, 34-50 . <https://doi.org/10.53106/168063602024090365003>
8. Huang, H., Hwang, G. J.,\* & Chang, S. C. (2023). Facilitating decision making in authentic contexts: an SVVR-based experiential flipped learning approach for professional training. *Interactive Learning Environments*, 31(8), 5219-5235. (SSCI, 45/760=5.9 %; **Impact factor =3.7**, EDUCATION & EDUCATIONAL RESEARCH)
9. Huang, H., Hwang, G. J.,\* & Jong, M. S. (2022). Technological solutions for promoting employees' knowledge levels and practical skills: An SVVR-based blended learning approach for professional training. *Computers & Education*, 189, 104593. (SSCI, 1/269=0.37%; **Impact factor =12**, EDUCATION & EDUCATIONAL RESEARCH) **NSTC 111-2410-H-227-018**
10. Huang, H., & Hwang, G. J.\* (2021). Advancement and research issues of ICT-based training for newly graduated nurses: a review of journal publications from 1985 to 2017. *Interactive Learning Environments*, 29(1), 164-178. (SSCI, 26/270=9.63%; **Impact factor =4.965**, EDUCATION & EDUCATIONAL RESEARCH)
11. Hwang, G. J., Huang, H., Wang, R. X., & Zhu, L. L.\* (2021). Effects of a concept mapping-based problem-posing approach on students' learning achievements and critical thinking tendency: an application in Classical Chinese learning contexts. *British Journal of*

*Educational Technology*, 52(1), 374-393. (SSCI, 23/270=8.52%; **Impact factor =5.268**, EDUCATION & EDUCATIONAL RESEARCH)

12. Lin, H. C., Tu, Y. F., Hwang, G. J.\* & Huang, H. (2021). From Precision Education to Precision Medicine: Factors Affecting Medical Staff's Intention to Learn to Use AI Applications in Hospitals. *Educational Technology & Society*, 24(1), 123-137. (SSCI, 116/270=42.96%; **Impact factor =2.633**, EDUCATION & EDUCATIONAL RESEARCH)
13. Huang, H. & Hwang, G. J. \* (2019). Facilitating Inpatients' Family Members to Learn: A Learning Engagement-Promoting Model to Develop Interactive E-book Systems for patient Education. *Educational Technology & Society*, 22(3), 74-87. (SSCI, 83/263=31.56%; **Impact factor =3.522**, EDUCATION & EDUCATIONAL RESEARCH)
14. Huang, H. & Lee, T. T.\* (2011). Evaluation of ICU nurses' use of the clinical information system in Taiwan. *CIN: Computers, Informatics, Nursing*, 29(4), 221-229. (SCI, 55.28%; **Impact factor =1.321**)
15. 馬定慧、陸詩、陳佳瑋、黃馨\* (2022)•降低住院病人跌倒發生率•源遠雜誌, 16(增訂), 40-48。  
(corresponding author)
16. 陸詩、柯迺華、黃馨\* (2019)•提升住院病人滿意度•源遠護理雜誌, 13(1), 41-49。  
(corresponding author)

### Conference

1. Huang, H. & Hwang, G. J.\* (2025, Nov 22-23). Fostering Students' Creative Thinking and Competence Development Through Generative AI-Supported Project-Based Learning in Vocational Education. [Conference presentation] The 21st Annual Conference of the Asian Academic Society for Vocational Education and Training (AASVET), Tsukuba University, Japan.
2. Hwang, G. J., Hsin Huang\*, Chen, H.Y. (2025, July 15-17). Formative Assessment as a guiding strategy in digital games to promote students' civic literacy, motivation and problem-solving awareness. [Conference presentation] The 9th International Conference on Digital Learning Strategies and Applications (DLSA 2025), Hokkaido University, Japan.
3. Huang, H. & Hwang, G. J.\* (2025, March 31- April 5). Generative AI-Assisted Multimodal Learning for Medical Students' Personalized Career Guidance. [Conference presentation] The 6th International Conference on Learning Environment and Educational Technology (LEET), Kyushu University, Fukuoka, Japan.
4. Huang, H. & Hwang, G. J.\* (2024, July 3-5). Applying virtual learning environments and experiential flipped learning to enhance clinical skills training performance for novice registered nurses. [Conference presentation] The 2024 International Conference on Open and Innovative Education (ICOIE 2024), Hong Kong. **【Excellent Paper Award】**
5. Huang, H. (2024, March 24-27). Mind mapping strategies based on innovative thinking applied to lesson plan design for nursing instruction. [Conference presentation] The 5th International Conference on Learning Environment and Educational Technology (LEET), Fukuoka, Japan.
6. Huang, H. & Hwang, G. J.\* (2023, August 27-30). The effects of digital narrative application on medical students for empathy courses in reflective practice. [Conference presentation: Short Communication] Association for Medical Education in Europe (AMEE), Virtual Conference.
7. Huang, H. & Hwang, G. J.\* (2023, May 9-11). Evaluating the effectiveness of virtual reality-based learning to promote professional competences. [Conference presentation] The International Conference on Digital Learning Strategies and Applications (DLSA 2023), Hokkaido, Japan.

8. 黃馨、王志嘉\* (2022, November 5), 科技輔助學習模式之數位敘事應用在醫護學生之同理心培養。111 年度台灣醫學教育學會學術研討會論文發表(Poster presentation), 於臺灣台北。
9. Huang, H. (2022, August 27-31). Facilitating decision making in authentic contexts: an SVVR-based experiential flipped learning approach to promoting novice nursing staff's training performance. [e Poster presentation] Association for Medical Education in Europe (AMEE), Virtual Conference.
10. Huang, H. (2021, August 27-30). From experiencing to engagement: a learning engagement-promoting approach to developing interactive e-book systems for nursing instruction. [e Poster presentation] Association for Medical Education in Europe (AMEE), Virtual Conference.
11. Huang, H., Lee, T. T. & Hwang, G. J.\* (2019, April 1-3). Factors affecting Nursing Staffs' Acceptance of Mobile Nursing Stations. [Conference presentation] e-CASE & e-Tech, Fukuoka, Japan. **【NOST Grant for Domestic Graduate Students to Attend International Academic Conferences】**
12. Huang, H. & Hwang, G. J. (2018, May 23-25). Effects of an Interactive E-book of Admission Nursing Orientation on Patients' Anxiety, Cognitive Load and Technology Acceptance. [Conference presentation] eLearning Forum Asia, Taipei, Taiwan.
13. 黃馨, 以科技接受模式探討護理資訊系統之效益分析。台灣護理資訊學會舉辦兩岸三地護理資訊學術論文發表 2016.08, 於臺灣台北。(Poster presentation)
14. 黃馨, 納氏漏斗胸矯正術後生活品質之探討, 台灣護理學會舉辦第 27 次論文發表會暨兩岸護理學術交流會護理論文海報發表 2011.09, 於臺灣台北。(Poster presentation)
15. 黃馨, 加護病房護理人員電腦能力與臨床資訊系統介面可用性之成效探討, 台灣護理學會舉辦第 24 次論文發表會暨兩岸護理學術交流會護理論文海報發表 2008.09, 於臺灣台北。(Poster presentation)

### ***Journal Reviewer Member***

1. 2026 GCCCE	2026
2. The Journal of Nursing Research (SSCI / SCI)	2025
3. Journal of Computer Assisted Learning (SSCI)	2025
4. Computers & Education (SSCI)	2025
5. International Journal of Mobile Learning and Organisation (Scopus)	2025
6. 2025 GCCCE	2025
7. Education and Information Technologies (SSCI)	2024
8. BMC Medical Education (SCI)	2024
9. BMC Nursing (SCI)	2024
10. 2024 GCCCE	2024
11. 2024 NI	2024
12. Journal of Liberal Arts and Social Sciences	2023
13. The Journal of Nursing	2022
14. PLOS ONE (SCI)	2021
15. Educational Technology & Society (SSCI)	2020