

## ***CURRICULUM VITAE***

### **PERSONAL DATA**

Name: Hsin Huang, RN, PhD.  
 Current Position: Assistant 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. Medical-Surgical Nursing
4. Nursing Management
5. Medical Education

### **PUBLICATIONS**

#### ***Journals***

1. 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, 22/756=2.91%; **Impact factor =4.6**, EDUCATION & EDUCATIONAL RESEARCH; **corresponding author**)

2. Hwang, G. J., Huang, H.\* & Chen, H. Y. (2024). Promoting students' civic literacy and positive learning behaviors: A supportive feedback-based decision-making gaming approach. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-024-12839-0> (SSCI, 16/756=2.12%; **Impact factor =4.8**, EDUCATION & EDUCATIONAL RESEARCH; **corresponding author**)
3. 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, 22/756=2.91%; **Impact factor =4.6**, EDUCATION & EDUCATIONAL RESEARCH; **corresponding author**)
4. Lin, H. C.,\* Huang, H., Tsai, C. K., & Chang, S. C. (2024). Improving the quality of communicating with dementia patients: A virtual reality-based simulated communication approach. *British Journal of Educational Technology*. <https://doi.org/10.1111/bjet.13497> (SSCI, 6/756=0.79%; **Impact factor =6.7**, EDUCATION & EDUCATIONAL RESEARCH)
5. Huang, H.\* (2024). Effects of applying generative AI to career planning: A case study. *Journal of Education Research*, 365, 34-50. (**corresponding author**)
6. 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, 20/269=7.43%; **Impact factor =5.4**, EDUCATION & EDUCATIONAL RESEARCH)
7. 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**
8. 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)
9. 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)
10. 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)
11. 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)
12. 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**)
13. 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)
14. 陸詩、柯迺華、黃馨\* (2019)•提升住院病人滿意度•源遠護理,13(1),41-49。(corresponding author)
15. 黃馨、李亭亭\*(2018)•護理人員對行動護理站接受度及其相關因素調查•源遠護理,12(2),30-40。

16. 黃馨、楊美琪、李亭亭\*(2007)•納氏手術－微創漏斗胸矯正術之護理•護理雜誌，54(6)，73-76。

### *Conference*

1. Huang, H. & Hwang, G. J. Applying virtual learning environments and experiential flipped learning to enhance clinical skills training performance for novice registered nurses. ICOIE 2024.07 Hongkong. (Oral presentation) **Excellent Paper Award.**
2. Huang, H. Mind mapping strategies based on innovative thinking applied to lesson plan design for nursing instruction. The 5th LEET 2024.03 Fukuoka, Japan. (Poster presentation)
3. Huang, H. & Hwang, G. J. The effects of digital narrative application on medical students for empathy courses in reflective practice. AMEE 2023.08 Virtual Conference. (e Poster presentation)
4. Huang, H. & Hwang, G. J. Evaluating the effectiveness of virtual reality-based learning to promote professional competences. DLSA 2023.05 Hokkaido, Japan. (Oral presentation)
5. 黃馨、王志嘉，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 2022.11，於臺灣台北。(Poster presentation)
6. Huang, H. Facilitating decision making in authentic contexts: an SVVR-based experiential flipped learning approach to promoting novice nursing staff's training performance. AMEE 2022.08 Virtual Conference. (e Poster presentation)
7. Huang, H. & Hwang, G. J. From experiencing to engagement: a learning engagement-promoting approach to developing interactive e-book systems for nursing instruction. AMEE 2021.08 Virtual Conference. (e Poster presentation)
8. Huang, H., Lee, T. T. & Hwang, G. J. Factors affecting Nursing Staffs' Acceptance of Mobile Nursing Stations. e-CASE & e-Tech 2019.04 Fukuoka, Japan. (Oral presentation) **獲得科技部補助研究生出席國際會議**
9. Huang, H. & Hwang, G. J. Effects of an Interactive E-book of Admission Nursing Orientation on Patients' Anxiety, Cognitive Load and Technology Acceptance. eLearning Forum Asia 2018.05 Taipei, Taiwan. (Oral presentation)
10. 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)
11. 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)
12. 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*

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| 1. Education and Information Technologies (SSCI) | 2024 |
| 2. BMC Nursing (SCI)                             | 2024 |
| 3. 2024 GCCCE                                    | 2024 |
| 4. 2024 NI                                       | 2024 |
| 5. Journal of Liberal Arts and Social Sciences   | 2023 |
| 6. The Journal of Nursing                        | 2022 |
| 7. PLOS ONE (SCI)                                | 2021 |
| 8. Educational Technology & Society (SSCI)       | 2020 |