CURRICULUM VITAE YING WU, PHD, RN, CS, FAAN, FIAHSI, FESC

POSITION (Partial)
- Immediate Past Dean & Professor of the School of Nursing, Capital Medical University, Chin
- Dean of Clinical Nursing College, Capital Medical University, China
- Vice President of Chinese Nursing Association, China
- Chair, Nursing Discipline Appraisal Group, the Academic Degrees Committee of the State Council, China Chair, Nursing Informatics Associate, Chinese Health Information and Big Data Association, China

EDUCATION & TRAINING (Selected)
04/2006-12/2006	Executive Hospital Administration Programs, Cheung Kong Graduate School of Business
09/2003-07/2006	PhD, Cardiology, Internal Medicine, School of Medicine, Wuhan University, China
03/1997-08/1998	MSN, School of Nursing, Acute Care Nurse Practitioner Program, Univ of Alabama at Birmingham, USA
09/1996-12/1996	MSN Student, School of Nursing, Acute Care Nurse Practitioner program, Community Health Nursing
09/1984-07/1987	Advanced Nursing Program, Department of Nursing, Nanjing Medical University, China
01/1979-01/1981	Nursing Program, Health School, Suzhou Medical College, China

TEACHING & CLINICAL EXPERIENCE (Selected)
01/2004-present	Associate Professor & Professor in Nursing, Capital Medical University, School of Nursing, China
07/2000-12/2006	Associate Professor in Nursing, School of Nursing, Peking University, P.R. China
09/1996-12/1996	Teaching Assistant, School of Nursing, Columbia University, USA
10/1998–05/2000	APN, Intensive Care Unit, West Houston Medical Center, Houston, TX. USA
02/1981-12/1988	RN, Cardiothoracic ICU (CTICU), CCU, The First Teaching Hospital, Suzhou Medical College, China

RESEARCH GRANTS (Selected)
1. **Wu, Y.（PI）.** A Digital Twin Dual Platform of Knowledge Graph + Large Language Model for Senior Integrated Home-based Chronic Disease Proactive Management. Chinese Institutes for Medical Research, Beijing, 2024-2026. 2,000,000 Yuan
2. **Wu, Y.（PI）.** Home-Centered, Nurse-Led Intelligent Elderly Care System and its Operating Mechanisms: A Mechanism Design Theory Based Study. Key Project of Natural Science Foundation of China (NSFC), 2034005. 2021-2025, 2,100,000 Yuan.
3. **Wu, Y. (PI)**. Role of IL-6 Causing Post-Operative Atrial Fibrillation after Coronary Bypass Grafting: Molecular Mechanism and Genomic Bases (NSFC), 81970279. 2020-2023, 600,000 Yuan.
4. **Wu, Y.（PI）.** Current Status of Global Nursing Legislation, Regulation and Nurse Practice：National Commission of Health, People's Republic of China. 2019, 99,000 Yuan.
5. **Wu, Y. (PI).** Project for Constructing "Top-Education-Program", Beijing Municipal Commission of Education. 1/2018-12/2022, 40,000,000 Yuan.
6. **Wu, Y. (PI)**. Investigation for the Achievements and Barriers of 10-year Implementation of Nurse Ordinance. Chinese Nursing Association, 2018. 200,000 Yuan.
7. **Wu, Y. (Co-PI).** "Belt and Road" Training Centers. Founding of Beijing Municipal Commission of Education. 7/2017-12/2019, 1,300,000 Yuan.
8. **Wu, Y. (PI)**. SMART integrated elderly care model based on human nervous response principle: underlining coordinative mechanism, development, and implementation. Funding: Natural Science Foundation of China (NSFC 7151101044). 2016-2018, 2,000,000 Yuan.
9. **Wu, Y. (PI)**. The Development and Evaluation of Health Behavior Change Model and Mobile Health Management Model for Patients with Coronary Heart Disease. NSFC 71573181. 2016-2019, 588,000 Yuan.
10. **Wu, Y. (PI)**. Feasibility for the Implementation and Development of Home-base Nursing Care in China. Entrusted Research Project from National Commission of Health, People's Republic of China. 2015.
11. **Wu, Y. (PI)**. Mechanism of Prone Position in Reducing Lung Damage Induced Death in Rabbits with Massive Gastric Aspiration. Funding: Scientific Research Common Program of Beijing Municipal Commission of Education. 2015-2017, 150,000 Yuan.
12. **Wu, Y. (PI)**. The Development and Implementation of a 3-D Virtual Simulated Training Prototype for Nursing Students in Improving Nursing Competences. China Education Association for International Exchange, Ministry of Education. 2013-2014, 300,000 Yuan.
13. **Wu, Y. (PI)**. The Molecular Mechanism, Genomic Bases, and Predictive Value of Local IL-6 in the Occurrence of Atrial Fibrillation after Cardiac Surgery: an Animal and Clinical Study. Funding: NSFC 81170107. 2012-2015, 600,000 Yuan.
14. **Wu, Y. (PI)**. Development of assessment tools of nursing core competency for undergraduate nursing education. President's Foundation of Capital Medical University. 2011-2012, 3,000 Yuan.
15. **Wu, Y. (PI)**. Effect and Its Mechanisms of Atrial Inflammation on the Occurrence and Maintenance of Atrial Fibrillation after Coronary Artery Bypass Grafting in Canine. NSFC 30871049. 2008-2010, 300,000 Yuan.
16. **Wu, Y. (PI)**. Effect and its Mechanisms of Prone Position on the Prevention of Aspiration-Induced Lung Injury in Pigs. Funding: Beijing Municipal Education Commission. 2009-2011, 150,000 Yuan.
17. **Wu, Y. (PI)**. Investigation of Incidence and Risk Factors of ICU Delirium. Funding: Capital Medical University. 2007-2009, 30,000 Yuan.
18. **Wu, Y. (PI)**. Effects and its Mechanisms of Prone Position Ventilation on Oxygenation in Pulmonary Acute Respiratory Distress Syndrome in Pigs. Beijing Municipality [PHR(IHLB)]. 2007-2009, 100,000 Yuan.

19. **Wu, Y. (PI)**. Course Design and Teaching Innovations for Competency-Based Education in Nursing Profession. Funding: President's Foundation of CMU. 2006-2007, 8,000 Yuan.

PUBLICATIONS (Selected, only show First & Corresponding Authors, Total of 245 Publications)

1. J Wang, Y Wu* (2024). Comparative Effectiveness of Delirium Recognition With and Without a Clinical Decision Assessment System on Outcomes of Hospitalized Older Adults: Cluster Randomized Controlled Trial. International Journal of Nursing Studies.
2. Y Miao, **Y Wu*** (2024). Effectiveness of eHealth Interventions in Improving Medication Adherence among Cardiovascular Disease Patients: A Network Meta-analysis. JMIR.
3. Y Miao, **Y Wu*** (2024). Performance of GPT-4 on Chinese Nursing Examination: Potentials for AI-assisted Nursing Education Using Large Language Models. Nurse Educator. Accepted.
4. Q Hou, **Ying W**u*(2024). Effects of mobile health interventions on quality of life, anxiety, and depression in patients with coronary heart disease: A meta-analysis of randomized controlled trial. JMIR
5. S Zhang, **Y Wu***(2024). Description of Individualized Delirium Intervention in Intensive Care Unit for Critically Ill Patients Delivered by Artificial Intelligence-assisted System: using the TIDieR Checklist. Journal of Research in Nursing
6. Y Zhu, **YWu***(2024). Effectiveness of mobile health applications on clinical outcomes and health behaviors in patients with coronary heart disease: A systematic review and meta-analysis, International Journal of Nursing Sciences
7. J Wang, **Y Wu***(2024). Development and usability testing of a mobile based clinical decision support system for delirium: A randomized, cross-over trial. JMIR Aging.
8. S Zhang, **Y Wu*** (2023). Impact of Delirium Intervention on Cognitive Load in Intensive Care Unit Nurses: A Multi-center Cluster Randomized Control Trial. International Journal of Nursing Practice.
9. S Zhang, **Y Wu***(2023). Description of Individualized Delirium Intervention in Intensive Care Unit (IDI-ICU) for Critically Ill Patients Delivered by mobile health care system: using the TIDieR Checklist. Journal of Research in Nursing.
10. R Guo, **Y Wu***. Inclusion of frailty improved performance of delirium prediction for elderly patients in the cardiac intensive care unit (D-FRAIL): A prospective derivation and external validation study. International Journal of Nursing Studies.
11. Y Guo, **Y Wu*** (2023). The Effectiveness of Smartphone App–Based Interventions for Assisting Smoking Cessation: Systematic Review and Meta-analysis. J Med Internet Res.
12. S Zhang, **Y Wu***(2022), Inclusion of Interleukin-6 Improved Performance of Postoperative Delirium Prediction for Patients Undergoing Coronary Artery Bypass Graft (POD-CABG): A Derivation and Validation Study. Journal of Cardiology.
13. Y Cheng, **Y Wu***(2021). An Intelligent Individualized Cardiovascular App for Risk Elimination (iCARE) for Individuals with Coronary Heart Disease: Development and Usability Testing Analysis. JMIR mHealth and uHealth.
14. X Feng, **Y Wu***(2021). A prediction rule including interleukin-6 in pericardial drainage improves prediction of new-onset atrial fibrillation after coronary artery bypass grafting. Journal of Cardiothoracic and Vascular Anesthesia.
15. F Yang, **Y Wu***(2021). Delirium screening for patients in the Intensive Care Unit: A prospective validation study of the iCAM-ICU by nurse researchers and bedside nurses in routine practice. Int J Nurs Stud.
16. Y Liu, **Y Wu***(2021). Myeloperoxidase in the pericardial fluid improves the performance of prediction rules for postoperative atrial fibrillation. The Journal of Thoracic and Cardiovascular Surgery.
17. Y Liu, **Y Wu***(2021). Mechanism of IL-6-related spontaneous atrial fibrillation after coronary artery grafting surgery: IL-6 knockout mouse study and human observation. Translational Research.
18. S Zhang, **Y Wu*** (2021). Effectiveness of bundle interventions on ICU delirium: a meta-analysis. Critical Care Medicine.
19. M Ji，**Y Wu***(2021). Development of nursing discipline in China. 2021, Journal REFIRI
20. Q Xiao, **Y Wu*** (2020). Immediate Prone Positioning after Massive Gastric Aspiration Reduces Lung Injury Possibly by Attenuating Interlukin-6-Mediated Lung-Tissue Inflammation in Pigs. Biological Research for Nursing
21. H Fan, **Y Wu***(2019). Development and validation of a dynamic prediction rule for delirium among patients admitted to Intensive Care Units: A prospective cohort study. International Journal of Nursing Studies.
22. S, Xinwei, **Y Wu***(2015). Including Intra- and Post-operative Factors in Delirium Predictive Rule After Coronary Artery Bypass Graft Could Increase Its Accuracy (Abstract). *Circulation*.
23. Q Xiao, **Y Wu***(2014). The effects of early prone position on inflammatory response and mortality in porcine model of massive gastric aspiration. *European Respiratory Journal.*
24. F Yang, **Y Wu***(2013). A core competency model for Chinese baccalaureate nursing graduates: A descriptive correlational study in Beijing. *Nurse Education Today*.
25. S Ding, **Y Wu***(2013). The international "Nobel Prize" in the nursing field—Christiane Reimann Prize. *Journal of Chinese Nursing Management*. 2013, 13(9):15-17.
26. W Tao, **Y Wu*(2011)**. Local interleukin-6 and pericardial drainage volume are associated with atrial fibrillation after coronary artery bypass grafting. *Circulation*.

INVENT PATENTS (Total of 26 Patents; 16 are authorized, Only list one here)
Y Wu. (2019) Remote Medical System and Method for Providing Continuity of Care for Coronary Heart Disease Patients. Invention Patent, Patent No. ZL 2019 1 0806874.9

PUBLISHED BOOKs (Editor and Contributor, 41 in Total, Editor of 12 National Textbooks)
1. **Wu, Y. (Eds)**, Lei Cui (co-editor). *Nursing Informatics: 1ˢᵗ Edition*. National Textbook for BSN Nursing Education. People's Medical Publish House. Beijing, 2022.
2. You, LM., **Wu, Y. (Eds)**. *Medical Nursing: 7ᵗʰ Edition*. National Textbook for BSN Nursing Education. People's Medical Publish House. Beijing, 2022.
3. **Wu, Y. (Eds)**, Li, K. *Experimental Nursing Science: 1ˢᵗ Edition*. National Textbook for Graduate Education of Nursing Science. People's Medical Publish House. Beijing, 2025.