

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

POSITION (Partial)

- Immediate Past Dean & Professor of the School of Nursing, Capital Medical University, China
- 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)

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| 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)

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| 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 275 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 Wu*(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 Interleukin-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.