

個人履歷

2025 年 8 月

王俊毅博士

亞洲大學 醫學暨健康學院 健康產業管理學系

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現職

亞洲大學醫學暨健康學院健康產業管理學系專任教授 (2015-)

美國杜蘭大學公共衛生暨熱帶醫學院 兼任教授 (2020-)

玉山醫務暨健康管理學會 理事長 (2025-)

中國醫藥大學附屬醫院 醫學研究部顧問 (2014-)

最高學歷

國立臺灣大學公共衛生學院 流行病學研究所博士 (指導教授：戴政博士)

重要經歷

學術經歷

2024-2025 亞洲大學生物安全會委員

2024-2025 亞洲大學衛生委員會委員

2024 台灣評鑑協會「大專院校教學品保服務計畫」評鑑委員

2024「系所自辦品質保證認定」自評－校外委員

2024「大專院校教學品保服務計畫」自評－校外委員

2023-2025 亞洲大學人文社會學院 院教評委員

2023 國立清華大學整合型計畫「跨界整合前瞻醫療科技(醫療+X)計畫」審查委員

2022-2025 玉山醫務暨健康管理學會 常務理事

2021 台灣評鑑協會「大專院校教學品保服務計畫」評鑑委員

2019-2023 亞洲大學健康產業管理學系 系主任

2017-2018 亞洲大學 學生事務委員會委員

2017-2018 亞洲大學護理學系 系教評委員

2016-2017 亞洲大學醫健康產業管理學系 執行秘書

2015-2019 亞洲大學 校務會議教師代表

2015-2017 金門縣政府 健康城市與高齡友善城市推動委員會委員
2015-2017 亞洲大學醫學暨健康學院 教師評審委員會委員
2014-2019 亞洲大學健康產業管理學系 學生實習委員會委員
2014-2015 亞洲大學 學生申訴評議委員會 委員
2014-2016 亞洲大學健康產業管理學系 博士班事務召集人
2013-2022 玉山醫務暨健康管理學會 理事
2013-2015 亞洲大學 教師評審委員會委員
2013-2015 亞洲大學健康產業管理學系 課程委員會召集人
2013-2014 亞洲大學健康產業管理學系 系主任
2007-2008 亞洲大學圖書資訊服務委員會 委員

服務

學術服務

2025 亞洲大學附屬醫院 研究計畫審查
2025 張錦文基金會 醫管論文及專題研究獎 審查委員
2025 美和科技大學健康暨護理學院 教師升等評審委員
2025 國家科學及技術委員會 大專生專題研究計畫審查(人文處)
2025 國家科學及技術委員會 專題研究計畫審查(人文處)
2024 臺北護理健康大學健康科技學院 教師升等評審委員
2024 元培醫事科技大學醫護學院 教師升等評審委員
2024 美和科技大學健康暨護理學院 教師升等評審委員
2024 玉山醫務暨健康管理學術研討會「長期照顧產業暨 ESG 永續發展學術研討會」口頭發表評審委員
2024 國家科學及技術委員會 專題研究計畫審查(人文處)
2023 中臺科技大學人文及管理學院 教師升等評審委員
2023 長榮大學健康科學學院 教師升等評審委員
2023 玉山醫務暨健康管理學術研討會「AI 科技時代：醫療健康產業的機會與挑戰」口頭發表評審委員
2023 國家科學及技術委員會 大專生專題研究計畫審查(人文處)
2023 國家科學及技術委員會 專題研究計畫審查(人文處)
2022 臺北護理健康大學健康科技學院 教師升等評審委員
2022 美和科技大學健康暨護理學院 教師升等評審委員
2022 中臺科技大學醫療暨健康產業管理學系課程校外專家委員
2022 慈濟大學醫學院 教師升等評審委員
2022 仁德醫護管理專科學校護理與管理學院 教師升等評審委員

2022 國家科學及技術委員會 專題研究計畫審查(人文處、生科處)

2021 元培醫事科技大學醫護學院 教師升等評審委員

2021 美和科技大學健康暨護理學院 教師升等評審委員

2021 玉山醫務暨健康管理學術研討會「跨領域∩醫管創新：改變從你開始」 海報發表評審委員

2021 張錦文基金會 醫管論文及專題研究獎 審查委員

2021 科技部 大專生專題研究計畫審查(人文司、生科司)

2021 科技部 專題研究計畫審查(人文司)

2020 臺北護理健康大學健康事業管理系課程品保審查委員

2020 美和科技大學 教師升等評審委員

2020 科技部 專題研究計畫審查(人文司、生科司)

2019 台灣人體生物資料庫研究提案審查委員

2018 台灣健康照護聯合學術研討會暨 50 周年慶 論文投稿審稿人

2018 亞洲大學附屬醫院 研究計畫審查

2018 亞太醫療管理新紀元國際學術研討會暨玉山醫務暨健康管理學會會員大會論文投稿審稿人

2017 美和科技大學健康暨護理學院 教師升等評審委員

2017 智慧醫療邁向健康管理新時代學術研討會暨玉山醫務暨健康管理學會會員大會 口頭論文發表評審

2016 開南大學健康照護管理學院 教師升等評審委員

2016 亞洲大學 自我評鑑委員會 評鑑委員

2015 澄清綜合醫院中港院區 研究計畫提案審查委員

2014 草屯療養院 研究計畫提案審查委員

期刊文章審查

Aging (老化)

Aging & Mental Health (老化與心理健康)

Biostatistics & Epidemiology (生物統計與流行病學)

BMC Geriatrics (BMC 老年醫學)

BMC Psychiatry (BMC 心理學)

BMC Public Health (BMC 公共衛生)

Complementary Therapies in Medicine (醫學輔助療法)

European Journal of Ageing (歐洲高齡化期刊)

Frontiers in Nutrition (營養學前沿雜誌)

Frontiers in Nutrition (營養學前沿雜誌)

Frontiers in Psychology (心理學前沿雜誌)

Health & Social Care in the Community (社區健康與社會關懷)

Humanities and Social Sciences Communications (人文社會科學傳播)
International Journal of Environmental Research and Public Health (國際環境研究與公共衛生雜誌)
International Journal of Gerontology (國際老年學期刊)
International Journal of Industrial Ergonomics(國際工業人類工程學雜誌)
Journal of Applied Statistics (應用統計學期刊)
Journal of Medical Internet Research (醫學網路研究期刊)
Medicine (醫學)
PLOS ONE (公共圖書館)
SAGE Open Medicine (SAGE Open 醫學雜誌)
Scientific Reports (科學報告)
Social Psychiatry and Psychiatric Epidemiology (社會精神醫學與精神流行病學)
Translational Psychiatry (轉譯精神醫學)
醫院 (Hospital)
台灣公共衛生雜誌 (Taiwan Journal of Public Health)

研究

研究興趣

統計諮詢、生物統計、流行病學、遺傳統計、臨床試驗、健康促進、健康照護服務

進行中研究計畫

- 2024 計畫主持人。社區長者內在能力之探討：測量驗證、決定因子探索，後續醫療服務利用及其預後分析。(連續三年期計畫)(國科會)
- 2024 共同主持人。探討失智症病友之 COVID-19 確診風險及 COVID-19 疫情對失智症病友發生重度憂鬱症、自殺行為的風險暨精神醫療利用之影響：流行病學和心理健康識能探究。(連續二年期計畫)(國科會)[主持人：劉芷菁博士]
- 2025 共同主持人。認知功能障礙老人和家屬的語音溝通困難、未滿足照護需求與結果(3/3)。(國科會)[主持人：徐慧娟博士]

同儕審查學術期刊文章發表：

1. Chen CD, Hsiao CY, Hsu HC, Tsai MH, **Wang JY**. (2007) The Risk Factor of Adolescent Depressive Symptoms in a Family Medicine Clinic. *Taiwan Journal of Family Medicine*, 17(3): 158-167. [in Chinese]

2. Chen JJH, **Wang JY**, Chang YM, Su SY, Chang CT, Sun SS, Kao CH, Lee CC. (2007) Regional cerebral blood flow between primary and concomitant fibromyalgia patients: a possible way to differentiate concomitant fibromyalgia from the primary disease. *Scandinavian Journal of Rheumatology*, 36: 226-232.
3. Hsu SY, **Wang JY**, Liao HE (2007) Factors which Influence the Willingness of Injection Drug Users to Participate in the Harm Reduction Program. *Taiwan Journal of Public Health*, 26: 292-302. [in Chinese]
4. Hsu SY, **Wang JY**, Jiang DDS, Yang HT, Liao HE, Lin CM, Kao KY. (2007) Risk Factors for Acquiring Human Immunodeficiency Virus (HIV) Infection among Injection Drug Users *Taiwan Epidemiology Bulletin*, 23(10):549-560.
5. **Wang JY**, Hou CD, Tai JJ (2008) A robust linkage analysis method using combined allele sharing and transmission disequilibrium information from case-parent tetrad families. *Annals of Human Genetics*, 72(4): 575-587.
6. Jiang DW, Chuang YF, Yang NP, Hsu HC, **Wang JY**. (2008) Knowledge, Attitude and Practice toward Hand Hygiene among Health Care Workers in a General Hospital. *Infection Control Journal*, 18(2): 12-24. [in Chinese]
7. **Wang JY** and Tai JJ. (2009) Robust quantitative trait association tests in the parent-offspring triad design: Conditional likelihood-based approaches. *Annals of Human Genetics*, 73(2): 231-244.
8. Chen TW and **Wang JY***. (2009) Effectiveness of the diabetes shared care network for middle-aged and elderly patients in a rural area of Taiwan. *Taiwan Journal of Public Health*, 28: 334-343. [in Chinese]
9. Hsu HC, Wang CH, Chen YC, Chang MC and **Wang J**. (2010) Evaluation of a community-based successful aging intervention program. *Educational Gerontology*, 36(7): 547-572.
10. Chang PY, Chang SW and **Wang JY**. (2010) Assessment of corneal biomechanical properties and intraocular pressure with Ocular Response Analyzer in childhood myopia. *British Journal of Ophthalmology*, 94(7): 887-881.
11. Tsai AC, Yang SF and **Wang JY**. (2010) Validation of the Taiwanese-specific Mini-Nutritional Assessment (MNA) with four-year follow-up mortality data of a nationally representative longitudinal cohort study. *British Journal of Nutrition*, 104(1): 93-99.
12. Huang HC, **Wang JY***, Chang CC, Chiu PF, Chiang MC, Yang Y. (2010) Non-clinical factors associated with receipt of dialysis modality for ESRD patients in Taiwan. *Peritoneal Dialysis International*, 30(6): 638-643.

13. Hsu SY, Liao HE, Hurng BS, Lin BH, Kao KY and **Wang JY***. (2010) A Study of the Changes in Parental Intent to Approve Influenza Vaccine Inoculation for Their low-grade Primary School Children in Yunlin County. *Taiwan Journal of Public Health*, 29(4): 326-336. [in Chinese]
14. Huang HC, **Wang JY**, Khang YC, Wu FM, Chang CC. (2011) The considerations of patients with chronic kidney disease to determine dialysis modality. *Kidney and Dialysis*, 23: 71-76. [in Chinese]
15. Wang SH, Hsieh CE, Chang YY, Lin HC, **Wang JY**, Chen YL. (2012) Experience of Organ Donation in Changhua Christian Hospital in Taiwan since 2001-2010. *Taiwan Critical Care Medicine*, 13(1): 1-9. [in Chinese]
16. Wang SH, Hsieh CE, **Wang JY**, Lin HC, Lin ZZ, Chen YL. (2012) Predisposing Factors of Delirium for Alcoholic Liver Cirrhosis with Living Donor Liver Transplantation in the Intensive Care Units. *Taiwan Critical Care Medicine*, 13(4): 178-184. [in Chinese]
17. Li CH, **Wang JY***, Lin YJ. (2012) Health-related Quality of Life and Related Factors among Chronic Stroke Patients in Rehabilitation Outpatient Clinics. *The Journal of Long-term Care*, 16(2):143-158.
18. **Wang JY**, Chen LC, Lin HM. (2012) Robust methods for detecting familial aggregation of a quantitative trait in matched case-control family studies. *Journal of Applied Statistics*, 39(10):2097-2111.
19. Tsai AC, **Wang JY**, Chang TL, Li TY. (2013) A Comparison of the full Mini Nutritional Assessment, short-form Mini Nutritional Assessment, and Subjective Global Assessment to predict the risk of protein-energy malnutrition in patients on peritoneal dialysis--a cross-sectional study. *International Journal of Nursing Studies*, 50(1):83-89.
20. Chen LC, **Wang JY***. (2013) Testing the fit of the logistic model for matched case-control studies. *Computational Statistics and Data Analysis*, 57(1):309-319.
21. Tsai AC, Lee LC and **Wang JY**. (2013) Complementarity of the Mini-Nutritional Assessment and Activities of Daily Living for predicting follow-up mortality risk in elderly Taiwanese. *British Journal of Nutrition*, 109(4):658-666.
22. **Wang JY**, Tsai AC. (2013) The short-form Mini-Nutritional Assessment is as effective as the full-Mini Nutritional Assessment in predicting follow-up 4-year mortality in elderly Taiwanese. *Journal of Nutrition, Health and Aging*, 17(7):594-598.

23. Tsai AC, Chang TL, **Wang JY**. (2013) Short-form Mini-Nutritional Assessment with either BMI or calf circumference is effective in rating the nutritional status of elderly Taiwanese -- results of a national cohort study. *British Journal of Nutrition*, 110(6):1126-1132.
24. Wang SH, Hsieh CE, **Wang JY**, Lin HC, Lin PY, Chen YL. (2013) Factors Associated with Delirium in Intensive Care Units of Non-alcoholic Cirrhotic Patients Who Received Living Donor Liver Transplantation. *Formosan Journal of Medicine*, 17(6):610-616. [in Chinese]
25. Tsai AC, Chi SH, **Wang JY**. (2013) Cross-sectional and longitudinal associations of lifestyle factors with depressive symptoms in ≥ 53 -year old Taiwanese - results of an 8-year cohort study. *Preventive Medicine*, 57(2):92-97.
26. Wang SH, **Wang JY***. (2013) The decline in physical and mental health among older chronic stroke patients in Taiwan. *Taiwan Journal of Public Health*, 32(4):383-392. [in Chinese]
27. Lee LC, Tsai AC, **Wang JY**, Hsu HC, Hurng BS, Tsai HJ (2013) Need-based intervention is an effective strategy for improving the nutritional status of older people living in a nursing home--a randomized controlled trial. *International Journal of Nursing Studies*, 50(12):1580-1588.
28. Chen YR, Tsai AC, **Wang JY**. (2013) The Combined Effect of Physical Activity and Fruit-Vegetable Consumption on New-Onset Diabetes in Older Taiwanese. *Taiwan Journal of Public Health*, 32(6):551-561. [in Chinese]
29. Wang SH, **Wang JY**, Lin PY, Hsieh CE, Lin HC, Chen YL. (2014) Predisposing risk factors for delirium in living donor liver transplantation patients in intensive care units. *PLoS One*, 9(5):e96676.
30. Hsu WC, **Wang JY**, Chen YC, Ding LL, Chang SC, Wang BM, Chung NN. (2014) Alterations in the Quality of Life and Complication for Patients with Nasopharyngeal Carcinoma Status Post-treatment. *Therapeutic Radiology and Oncology*, 21(3):201-209.
31. Chiu HP, Tsai AC, **Wang JY***. (2014) Combined effect of Body Mass Index and physical activity on the decline in walking ability amongst older Taiwanese. *Taiwan Journal of Public Health*, 33(6):637-648. [Best Master's Thesis Award]
32. Tsai AC, Hsu WC, **Wang JY**. (2014) The Mini Nutritional Assessment (MNA) predicts care need in older Taiwanese: results of a national cohort study. *British Journal of Nutrition*, 111(11):1977-84.
33. Hsu MF, Ho SC, Kuo HP, **Wang JY**, Tsai AC. (2014) Mini-nutritional assessment (MNA) is useful for assessing the nutritional status of patients with chronic

- obstructive pulmonary disease: a cross-sectional study. *Journal of Chronic Obstructive Pulmonary Disease*, 11(3):325-332.
34. **Wang JY**, Tai JJ. (2015) Adaptive robust genetic association tests using case-parents triad families. *Biometrical Journal*, 57(3):453-467.
 35. Tsai AC, Chi SH, **Wang JY**. (2015) Association of perceived stress with depressive symptoms in older Taiwanese: Results of a population-based study. *Geriatrics & Gerontology International*, 15(5):535-543.
 36. Chen TJ, **Wang JY*** (2015) Association between reading and cognitive decline in older Taiwanese people. *Taiwan Journal of Public Health*, 35(1):94-104. [Best Master's Thesis Award]
 37. Lee LC, Tsai AC, **Wang JY**. (2015) Need-based nutritional intervention is effective in improving handgrip strength and Barthel Index scores of older people living in a nursing home: a randomized controlled trial. *International Journal of Nursing Studies*, 52(5):904-912.
 38. Hsu WC, Tsai AC, **Wang JY***. (2016) Calf circumference is more effective than Body Mass Index in predicting emerging care-need of older adults--results of a national cohort study. *Clinical Nutrition*. 35(3): 735-740.
 39. Chi SH, **Wang JY**, Tsai AC. (2016) Combined association of leisure-time physical activity and fruit and vegetable consumption with depressive symptoms in older Taiwanese: Results of a national cohort study. *Geriatrics & Gerontology International*, 16(2):244-251.
 40. Ho SC, **Wang JY**, Kuo HP. Huang CD, Lee KY, Chuang HC, Feng PH, Chen TT, Hsu MF. (2016) Mid-arm and calf circumferences are stronger mortality predictors than Body Mass Index for patients with chronic obstructive pulmonary disease. *International Journal of Chronic Obstructive Pulmonary Disease*, 11(1):2075-2080.
 41. Hsu WC, Chen LC, **Wang JY***. (2017) Predicting emerging care-need with simple functional indicators--findings from a national cohort study in Taiwan. *Geriatrics & Gerontology International*, 17(3):375-381.
 42. Wang SH, Lin PY, **Wang JY**, Lin HC, Hsieh CE, Hsu YL, Chen YL (2017) Mental health status after living donor hepatectomy. *Medicine*, 96(19):e6910.
 43. Hsu WC, Tsai AC, Chen YC, **Wang JY***. (2017) Predicted factors for older Taiwanese to be healthy octogenarians: results of an 18-year national cohort study. *Geriatrics & Gerontology International*, 17(12):2579-2585.

44. Hsu HC, **Wang JY**, Tung HJ, Hsu SW, Chuang SW. (2017) Inequality in Internet Use across Areas and Older Adults in Taiwan. *Journal of Healthcare Communications*, 2(4): 55.
45. Chou CY, Chang YT, Yang JL, **Wang JY**, Lee TE, Wang RY, Hung CC. (2017) Effect of Long-term Incretin-Based Therapies on Ischemic Heart Diseases in Patients with Type 2 Diabetes Mellitus: A Network Meta-analysis. *Scientific Reports*, 7(1):15795.
46. Chen JH, Yang JL, Chou CY, **Wang JY**, Hung CC. (2018) Indirect comparison of efficacy and safety between immune checkpoint inhibitors and antiangiogenic therapy in advanced non–small-cell lung cancer. *Scientific Reports*, 8:9686.
47. Chang PY, **Wang JY**, Chang SW, Chang YC. (2018) Changes in Ocular Hypotensive Drug Usage for Glaucoma Treatment after Cataract Surgery: A Nationwide Population-Based Study in Taiwan. *Journal of Glaucoma*, 27(7):600-605.
48. Wang RY, Chen HJ, Huang CL, **Wang JY**, Lee TE, Lee HY, Hung CC. (2018) Impacts of GRIN3A, GRM6 and TPH2 genetic polymorphisms on quality of life in methadone maintenance therapy population. *PLOS One*, 13(7):e0201408
49. Hsu HC, Chuang SH, Hsu SW, Tung HJ, Chang SC, Lee MM, **Wang JY**, Kuo LT, Tseng FY, Po AT (2019) Evaluation of a successful aging promotion intervention program for middle-aged adults in Taiwan. *Global Health Promotion*, 26(1):81-90.
50. Hsu HC, Lin XI, **Wang JY**, Ou WC (2019) Comparison of the Taiwanese versions of the ACE-III, MMSE, and MoCA for Screening Mild Cognitive Impairment Among Older Taiwanese People *International Journal of Gerontology*, 13(2):162-166.
51. Hsu WC, **Wang JY**, Tsai AC (2019) Predictors of developing a new need for long-term care of older adults aged ≥ 70 years: Results from a population-based cohort study in Taiwan. *Geriatrics & Gerontology International*, 19(7):641-646.
52. Chang PY, **Wang JY**, Wang JK, Yeh SC, Chang SW (2020) Asymmetry Analysis of Optical Coherence Tomography Angiography Macular Perfusion Density Measurements in Preperimetric and Perimetric Glaucoma. *Scientific Reports*, 10: 14781.
53. Chen LC, **Wang JY*** (2020) Discussion of “Assessing the goodness-of-fit of logistic regression models in large samples: A modification of the Hosmer-Lemeshow test,” by Giovanni Nattino, Michael L. Pennell, and Stanley Lemeshow. *Biometrics*, 76: 569-571.
54. Liu P, Yeh LL, **Wang JY**, Lee ST (2020) Relationship between Levels of Digital

- Health Literacy Based on the Taiwan Digital Health Literacy Assessment and Accurate Assessment of Online Health Information: Cross-Sectional Questionnaire Study. *Journal of Medical Internet Research* 22(12):e19767.
55. Chen SC, **Wang JY**, Lin YL, Yang SY (2020) Association of Internet Addiction with Family Functionality, Depression, Self-Efficacy and Self-Esteem among Early Adolescents. *International Journal of Environmental Research and Public Health* 17: 8820.
 56. Chang LS, **Wang JY***. (2021) Age differences in the longitudinal associations of leisure-time physical activity and depressive symptoms with cognitive decline in older Taiwanese. *Aging & Mental Health* 25(4):679-685.
 57. Sia HK, Kor CT, Tu ST, Liao PY, **Wang JY*** (2021) Self-monitoring of blood glucose in association with glycemic control in newly diagnosed non-insulin-treated type 2 diabetes patients: a retrospective cohort study. *Scientific Reports* 11:1176.
 58. Gandaputra SA, Waluyo I, Efendi F, **Wang JY*** (2021) Insomnia status of middle school students in Indonesia and its association with playing games before sleep: gender difference. *International Journal of Environmental Research and Public Health* 18(2):691.
 59. Widyasari V, Rahman FF, Lin KH, **Wang JY*** (2021) The effectiveness of health services delivered by community health workers on outcomes related to non-communicable diseases among elderly people in rural areas: a systematic review. *Iranian Journal of Public Health* 50(6):1088-1096.
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