

臺北醫學大學 Taipei Medical University

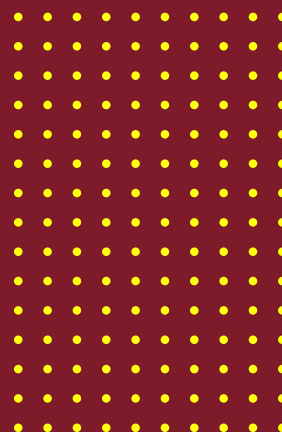
高齡健康暨長期照護學系

School of Gerontology and Long-term Care

Faculty Research Directory

研究主軸教師名錄

認知與失智 · 高齡功能健康 · 智慧照護科技 · 照護系統與政策 · 心理健康與安寧



研究主軸總覽

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研究主軸 / Theme	核心方向關鍵詞	核心教師
認知與失智 Cognition & Dementia	失智症照護、認知健康、照顧者支持、失智友善照護、認知評估與照護科技應用	張佳琪 白若希 邱惠鈴 劉芳 林恭宏
高齡功能健康 Functional Health in Aging	衰弱、肌少症、跌倒預防、平衡步態、身體功能、復健介入、運動處方、營養促進	李淑君 廖峻德 林立峯 賴鼎富 顏心彥
智慧照護科技 Smart Care Technology	AI、生成式AI、行動健康、VR/AR、穿戴裝置、照護機器人、輔助科技與數位照護	白若希 林恭宏 顏心彥 林立峯 賴鼎富 邱惠鈴
照護系統與政策 Care Systems & Policy	長期照護、社區照顧、出院後整合照護、健康服務評估、衛生政策、高齡友善系統	紀玫如 劉芳 張佳琪 郭樓晴 林立峯
心理健康與安寧 Mental Health & Palliative Care	老年心理健康、憂鬱、孤獨、生活品質、照顧者身心健康、安寧緩和與生命末期照護	郭樓晴 劉芳 顏心彥 白若希

失智症照護、認知健康、照顧者支持、失智友善照護、認知評估與照護科技應用

Dementia care models · Caregiver education & support · Cognitive promotion · Dementia-friendly environments ·

AR/VR/game-based interventions for cognitive frailty



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iSupport for Dementia · dementia caregiver · long-term care · health literacy · systematic review



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Dementia care innovation · smart care technology · VR mindfulness · interactive robot



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Dementia literacy · cognitive frailty · AR/VR serious games · dementia-friendly



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Dementia care · caregiver research · virtual reality · case management · life review



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Cognitive assessment · generative AI · LLM chatbot · computerised adaptive testing

衰弱、肌少症、跌倒預防、平衡步態、身體功能、復健介入、運動處方、營養促進

Sarcopenia & frailty screening · Fall prevention & gait analysis · Exercise prescription · Nutrition intervention · Stroke rehabilitation · Balance & disability



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Sarcopenia · multidimensional frailty · balance & gait · stroke · disability rehabilitation



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Sarcopenia · knee osteoarthritis · extracorporeal shockwave therapy · resistance training



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Stroke rehabilitation · wearables · robot-assisted gait training · rTMS · physical therapy



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Physical activity · accelerometer · sedentary behaviour · wearable technology



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Health behaviour · physical activity · wearables · leisure therapy · cognitive function

AI、生成式AI、行動健康、VR/AR、穿戴裝置、照護機器人、輔助科技與數位照護

AI chatbots & generative AI for LTC · Mobile health · VR/AR & serious games · Wearable devices · Social robots · Assistive technology · Digital care



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Smart care ecosystem · VR/robot · generative AI · dementia technology · empathy training



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Generative AI · LLM chatbot · smart LTC service design · AI-based cognitive test



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Mobile health · IoT nutrition assessment · smart health promotion · wearable feedback



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Assistive technology · rehabilitation robotics · EEG · chatbot · wearable rehab



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Wearable accelerometer · digital twin · behaviour change technology



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AR/VR games · companion robots · cognitive technology · dementia education

長期照護、社區照顧、出院後整合照護、健康服務評估、衛生政策、高齡友善系統

Integrated post-discharge care · Community care networks · LTC policy & workforce · Health service evaluation · Age-friendly hospitals · Disability vocational redesign



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LTC policy · older adult health needs ·
healthcare utilisation · health survey ·
integrated care



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Transitional care · nurse-led case
management · digital health literacy ·
community care



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Long-term care · interdisciplinary education ·
USR community engagement



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Age-friendly hospitals · end-of-life care ·
palliative care · late-life depression



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Disability vocational redesign · ICF · LTC
workforce development

老年心理健康、憂鬱、孤獨、生活品質、照顧者身心健康、安寧緩和與生命末期照護

Late-life depression & loneliness · Sleep & QoL · Caregiver mental health · Mindfulness/VR · Life review e-book · Aromatherapy · Palliative & end-of-life care



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Palliative care · end-of-life · late-life depression · lung cancer · age-friendly hospitals



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Mental health · life review e-book · aromatherapy · dementia BPSD · spiritual wellbeing



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Mental health · life satisfaction · horticulture & music therapy · virtual nature



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VR mindfulness · caregiver depression & sleep quality · family caregiver QoL · fNIRS

如需合作洽詢，請直接透過各教師電子郵件或 TMU Academic Hub 個人頁面聯繫。

For collaboration enquiries, please contact faculty via email or their TMU Academic Hub profile.

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