**Wai Hang Kwok**

BSN, MSN, PhD, RN, MHKAN, STTI, FHEA

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Working right: Global Talent Visa, Australia

**Education and Qualifications**

Doctor of Philosophy (PhD), Hong Kong Polytechnic University (2016-2019)(Nursing QS World 31st) GPA: 3.95/4.00

Master of Science in Nursing (MSc), Hong Kong Polytechnic University (2013-2016) GPA: 3.75/4.00, with Distinction

Bachelor of Science in Nursing (BSc), Hong Kong Polytechnic University (2007-2011) GPA: 3.67/4.00

Registered Nurse (General), The Nursing Council of Hong Kong (2011 - Present)

Awards

• The Hong Kong Polytechnic University. (2016). Dean’s Honours List Award for Outstanding Performances.

• The Hong Kong Polytechnic University. (2009/10, 2010/11, 2013/14, 2014/15, 2015/16). Certificates for Outstanding Academic Performances.

Employment

• Vice Chancellor’s Research Fellow, Edith Cowan University, WA, Australia (2024 – Present)

• Tutor (IT), Murdoch University, WA, Australia (2022 – 2023)

• Adjunct Senior Research Fellow, Charles Darwin University, NT, Australia (2022 – 2026)

• Senior Statistician / Health Service Researcher, Charles Darwin University, NT, Australia (2022 – 2023)

• Postdoctoral Fellow, WHO Collaborating Centre, Hong Kong Polytechnic University (2019 – 2021)

• Registered Nurse (NICU), Queen Mary Hospital, Hong Kong (2011 – 2016)

• Temporary Part-Time Undergraduate Nursing Student, Department of Paediatrics & Adolescent Medicine, Queen Mary Hospital, Hong Kong (2011)

**Journal Publications and Conference Papers (2023-24)**

Kan, M. MKwok, W. H., Fan, E. C., & Al Zoubi, F.(2024). Organ pedalboard as a rehabilitation tool: A qualitative exploratory study of healthcare providers’ perceptions and recommendations. *PLOS ONE, 19*(12), e0314147. https://doi.org/10.1371/journal.pone.0314147

Wang, G., Bennamoun, H., Kwok, W. H., Quimbayo, J. P. O., Kelly, B., Ratajczak, T., ... (2024). Decoding perinatal mental health: Investigating protective and risk factors and predictive insights for Aboriginal perinatal mental health through explainable machine learning.

Kwok, W. H., Zhang, Y., & Wang, G. (2024). Artificial intelligence in perinatal mental health research: A scoping review. *Computers in Biology and Medicine, 108685.* https://doi.org/10.1016/j.compbiomed.2024.108685

Wang, H., Kwok, W. H., Yao, L. Q., Liu, X. L., Bressington, D., Chen, M. L., Huang, H. Q., ... (2024). An evidence-based breathing exercise intervention for chronic pain management in breast cancer survivors: A Phase II randomized controlled trial. *European Journal of Oncology Nursing, 102625.* https://doi.org/10.1016/j.ejon.2024.102625

Wang, G., Bennamoun, H., Kwok, W. H., Marriott, R., Walker, R., & Kotz, J. (2024). Codesigning a clinical prediction model for Aboriginal perinatal mental health using Glassbox AI and Aboriginal wisdom and lived experience. *Health. Innovation. Community: It Starts With Us,* 196–197.

Suen, L. K. P., Kwok, W. H., Yu, I. T. S., So, S. N. Y., Cheung, K., Lee, P. H., Ho, L. Y. W., Ko, K. Ho, S., & Lam, S. C. (2024). Assessment of the psychometric properties of the Mask Usability Scale: A measure of the perceived usability of N95 respirators among healthcare students and staff. *Journal of Advanced Nursing*. <https://doi.org/10.1111/jan.16590>

Guo, C., Kwok, S. W. H., Xu, Y., & Wang, G. (2023). Machine learning analysis of government's public risk communication during COVID-19 lockdown in Wuhan, China. *International Journal of Disaster Risk Reduction, 99,* 104119. https://doi.org/10.1016/j.ijdrr.2023.104119

Wang, G., Kwok, S. W. H., Axford, D., Yousufuddin, M., & Sohel, F. (2023). An AUC-maximizing classifier for skewed and partially labeled data with an application in clinical prediction modeling. *Knowledge-Based Systems, 278,* 110831. https://doi.org/10.1016/j.knosys.2023.110831

Li, M. Y., Kwok, S. W. H., Tan, J. Y. B., Bressington, D., Liu, X. L., Wang, T., & Chen, S. L. (2023). Somatic acupressure for the fatigue-sleep disturbance-depression symptom cluster in breast cancer survivors: A phase II randomized controlled trial. *European Journal of Oncology Nursing, 66,* 102380. https://doi.org/10.1016/j.ejon.2023.102380

Long, K. K., Kwok, S. W. H., Kotz, J., & Wang, G. (2023). A deep multi-view imbalanced learning approach for identifying informative COVID-19 tweets from social media. *Computers in Biology and Medicine, 164,* 107232. https://doi.org/10.1016/j.compbiomed.2023.107232

Wang, H. Y., Kwok, S. W. H., Liu, X. L., Wang, T., Bressington, D., Shen, Y., Zhang, Q., ... (2023). Quality of life patient/cancer survivor version in Chinese cancer survivors: A validation study. *Asia-Pacific Journal of Oncology Nursing, 10*(8), 100255. https://doi.org/10.4103/apjon.apjon\_27\_23

Kwok, S. W. H., Sipka, C., Matthews, A., Lara, C. P., Wang, G., & Choi, K. S. (2023). Predicting dementia risk for elderly community dwellers in primary care services using subgroup-specific prediction models. *2023 45th Annual International Conference of the IEEE Engineering in Medicine and Biology Society.*

Kwok, S. W. H., Kotz, J., Reibel, T., Wang, G., Walker, R., & Marriott, R. (2023). Coupling machine learning models with an innovative technology-based screening tool for identifying psychological distress among Aboriginal perinatal mothers. *2023 45th Annual International Conference of the IEEE Engineering in Medicine and Biology Society.*

Wang, G., Kwok, S. W. H., Yousufuddin, M., & Sohel, F. (2023). A novel AUC maximization imbalanced learning approach for predicting composite outcomes in COVID-19 hospitalized patients. *IEEE Journal of Biomedical and Health Informatics.*

Kwok, S. W. H., Wang, G., Sohel, F., Kashani, K. B., Zhu, Y., Wang, Z., Antpack, E., ... (2023). An artificial intelligence approach for predicting death or organ failure after hospitalization for COVID-19: Development of a novel risk prediction tool and comparisons with existing methods. *Respiratory Research, 24*(1), 79. https://doi.org/10.1186/s12931-023-02352-1

Li, S., Kwok, S. W. H., Siu, S. C. N., Chung, J. Y. S., Lam, H. C. Y., Tsang, E. Y. M., Li, K. C., ... (2023). Development of generic student engagement scale in higher education: An application on healthcare students. *Nursing Open, 10*(3), 1545–1555. https://doi.org/10.1002/nop2.1532

Dobrina, R., Donati, D., Giangreco, M., De Benedictis, A., Schreiber, S., ... (2023). Nurses’ compliance to standard precautions prior to and during COVID‐19. *International Nursing Review.* https://doi.org/10.1111/inr.12826

Yousufuddin, M., Kwok, S. W. H., Wang, G., Kashani, K. B., Zhu, Y., Wang, Z., & Antpack, E. (2023). Stephen Wai Hang Kwok et al. Biomedical Research Abstracts.

Yao, L. Q., Kwok, S. W. H., Tan, J. Y. B., Wang, T., Liu, X. L., Bressington, D., & Chen, S. L. (2022). The effect of an evidence-based Tai chi intervention on the fatigue-sleep disturbance-depression symptom cluster in breast cancer patients: A preliminary randomised controlled trial. European Journal of Oncology Nursing, 61, 102202.

Molassiotis, A., Kwok, S. W. H., Leung, A. Y. M., & Tyrovolas, S. (2022). Associations between sociodemographic factors, health spending, disease burden, and life expectancy of older adults (70+ years old) in 22 countries in the Western Pacific. Geroscience, 44(2), 925–951.

Kwok, S. W. H., Wu, C. S. T., Tong, H. T., Ho, C. N., Leung, K. L., Leung, Y. C. P., & Lui, K. C. (2021). Effects of the school-based integrated health promotion program with hydroponic planting on green space use and satisfaction, dietary habits, and mental health in early childhood. Frontiers in Public Health, 9, 740102.

Wang, G., & Kwok, S. W. H. (2021). Using k-means clustering method with Doc2Vec to understand Twitter users’ opinions on COVID-19 vaccination. 2021 IEEE EMBS International Conference on Biomedical and Health Informatics.

Kwok, S. W. H., Mak, Y. W., Chiu, A. P. Y., Chong, Y. K., Suen, L. K. P., Kam, E., & Others. (2021). The impacts of integrated health hydroponic planting on green space exposure, happiness, anxiety, and stress among secondary school students: A feasibility quasi-experiment. Unpublished.

Kwok, S. W. H., Vadde, S. K., & Wang, G. (2021). Tweet topics and sentiments relating to COVID-19 vaccination among Australian Twitter users: Machine learning analysis. Journal of Medical Internet Research, 23(5), e26953.

Kwok, S. W. H., Pang, P. C. P., Chung, M. H., & Wu, C. S. T. (2021). Faculty service-learning students as home-visitors: Outcomes of a lifestyle modification program for vulnerable families with residents in rural Indonesian communities. Frontiers in Public Health, 9, 597851.

Lee, R. L. T., Lane, S. J., Tang, A. C. Y., Leung, C., Kwok, S. W. H., & Louie, L. H. T. (2021). Erratum: Effects of an unstructured free play and mindfulness intervention on wellbeing in kindergarten students. International Journal of Environmental Research and Public Health, 18(6), 3163.

Lee, R. L. T., Lane, S. J., Tang, A. C. Y., Leung, C., Kwok, S. W. H., & Louie, L. H. T. (2021). Effects of an unstructured free play and mindfulness intervention on wellbeing in kindergarten students (Vol. 17, 5382, 2020). International Journal of Environmental Research and Public Health, 18(6).

Kwok, S. W. H., Vadde, S. K., & Wang, G. (2021). Twitter speaks: An analysis of Australian Twitter users’ topics and sentiments about COVID-19 vaccination using machine learning. Journal of Medical Internet Research, 23(5), e26953.

Molassiotis, A., Liu, X. L., & Kwok, S. W. (2021). Impact of advanced nursing practice through nurse‐led clinics in the care of cancer patients: A scoping review. European Journal of Cancer Care, 30(1), e13358.

Lee, R. L. T., Leung, C., Chen, H., Lee, P. H., & Kwok, S. W. H. (2020). A cluster randomized controlled trial of a simplified 5‐step handwashing technique versus a conventional 7‐step handwashing technique among Chinese students with intellectual disabilities. Journal of Applied Research in Intellectual Disabilities, 33(5), 1090–1099.

Lee, R. L. T., Lane, S., Brown, G., Leung, C., Kwok, S. W. H., & Chan, S. W. C. (2020). Systematic review of the impact of unstructured play interventions to improve young children’s physical, social, and emotional wellbeing. Nursing & Health Sciences, 22(2), 184–196.

Lee, R. L. T., Chien, W. T., Ligot, J., Nailes, J. M., Tanida, K., Takeuchi, S., Ikeda, M., ... & Kwok, S. W. H. (2020). Associations between quality of life, psychosocial well-being, and health-related behaviors among adolescents in Chinese, Japanese, Taiwanese, Thai, and Filipino populations. International Journal of Environmental Research and Public Health, 17(7), 2402.

Lee, R. L. T., Lane, S. J., Tang, A. C. Y., Leung, C., Kwok, S. W. H., & Louie, L. H. T. (2020). Effects of an unstructured free play and mindfulness intervention on wellbeing in kindergarten students. International Journal of Environmental Research and Public Health, 17(15), 5382.

Lee, R. L. T., Chien, W. T., Tanida, K., Takeuchi, S., Rutja, P., Kwok, S. W. H., & Lee, P. H. (2019). The association between demographic characteristics, lifestyle health behaviors, and quality of life among adolescents in the Asia Pacific region. International Journal of Environmental Research and Public Health, 16(13), 2324.

Mbakaya, B. C., Kwok, W. H. S., & Munyenyembe, L. M. (2019). Associations between health education, hygiene facilities, handwashing knowledge, and practice related to diarrheal disease prevention among schoolchildren after typhoid outbreaks. Biomedical Journal of Scientific & Technical Research, 16(5), 1–10.

Kwok, W. H. (2019). The effects of video-modeling to improve upper body posture during screen-based device use among adolescent students in special schools for mild-grade intellectual disabilities. Hong Kong Polytechnic University.

Kwok, S. W. H., Lee, P. H., & Lee, R. L. T. (2017). Smart device use and perceived physical and psychosocial outcomes among Hong Kong adolescents. International Journal of Environmental Research and Public Health, 14(2), 205.

Kwok, S. W. H. (2017). Impulsivity and addiction symptoms of internet and electronic screen-based device use among adolescents. Ecronicon Open Access, 6, 1–5.

Kwok, W. H. (2016). Smart device addiction, impulsiveness, and social anxiety of Hong Kong adolescents: Their smart device use, and physical and psychosocial health impacts. Hong Kong Polytechnic University.

Wang, H. Y., Kwok, S. W. H., Liu, X. L., Wang, T., Bressington, D., Shen, Y., & Zhang, Q. (n.d.). Asia-Pacific Journal of Oncology Nursing.

**Conferences Presentations**

Kwok, W. & Shah, S. A. (2025). Identifying key factors associated with assistive technology availability for dementia care using machine learning. Medical Informatics Europe *MIE 2025*, Glasgow.

Kwok, W. Adejumo, M., Porock, D., & Baker, M. (2025). Exploring barriers and facilitators to maintaining standard precautions in home care. Primary Health Care *PHC 2025*, Hong Kong.

Kwok, W. H., Porock, D., Gringart, E., & Wang, G. (2025). Age-related changes in electrodermal activity and implications for stress response in elderly individuals with dementia and BPSD. Presented at the ICN 2025 Congress, Helsinki, Finland.

Kwok, W. H., Porock, D., & Wang, G. (2025). Exploring the role of artificial intelligence in supporting family caregivers of dementia patients: A review. Presented at the 17th International Family Nursing Conference (IFNC 17), Perth, Australia.

Kan, M. M. P., Al Zoubi, F. M., Kwok, W. H., & Fan, E. C. (2024). Exploring the potential of organ pedalboard as a gerontechnology tool: Insights from multidisciplinary focus groups. Poster presented at the International Conference on Gerontechnology 2024 (ICG2024), Hong Kong.

Kwok, W. H., Wang, G., Shah, S. A., & Porock, D. (2024, November). A machine learning analysis of global health indicators and service utilization in dementia care. Abstract presented at the Australian Association of Gerontology, 57th AAG Conference, Hobart, Australia.

Kwok, W. H., Wang, G., & Porock, D. (2024, September). Creative arts and dementia care: A comprehensive review. Abstract presented at the Australian Association of Gerontology (AAG) Creativity, Art & Design (CAD) Symposium, Newcastle, Australia.

Kwok, W. H., Porock, D., Saunders, R., Towell-Barnard, M., Doleman, G., Gringart, E., Shah, S. A., & Wang, G. (2024, August). Managing behavioral and psychological symptoms of dementia (BPSD): Non-pharmacological interventions, digital technology, training, and systematic assessment. Abstract presented at the AAG SA Gerontology Conference, Adelaide, Australia.

Wang, G., Bennamoun, H., Kwok, W. H., Marriott, R., Walker, R., & Kotz, J. (2024, August). Codesigning a clinical prediction model for Aboriginal perinatal mental health using Glassbox AI and Aboriginal wisdom and lived experience. Abstract presented at the Health Innovation Community Conference, Brisbane, Australia.

Before 2024

Lee, R. L. T., Chan, S. W.-C., Lane, S. J., Browne, G., & Kwok, S. W. H. (2020). A study protocol for evaluating the effects of an unstructured free play program with mindfulness-based intervention to improve children’s physical, social, and emotional wellbeing. Poster presented at the 23rd East Asian Forum of Nursing Scholars, Thailand.

Lee, R. L. T., Lane, S., Chan, S. W. C., Tang, A., Lee, I.-F., & Kwok, S. W. H. (2019). Feasibility and acceptability of a SWELE program with mindfulness to promote children's physical, social, and emotional wellbeing: Mixed methods pilot study. Poster presented at the First Cochrane Hong Kong Symposium, Hong Kong.

Lee, R. L. T., Chan, S. W. C., Browne, G., Kwok, S. W. H., Lee, I.-F., & Lane, S. (2019). Unstructured play for cultivating children's physical, social, and emotional wellbeing: A systematic review. Poster presented at the First Cochrane Hong Kong Symposium, Hong Kong.

Lee, R. L. T., Lee, P. H., Tanida, K., Takeuchi, S., Ligot, J., Nailes, J. M., Sobel, H. L., Zhang, R. X., Su, I. Y., Mekviwattanawong, C., Kwok, S. W. H., & Chien, W. T. (2019). Psychosocial and mental health profile of adolescents in six Asia Pacific regions. Poster presented at the First Cochrane Hong Kong Symposium, Hong Kong.

Lee, R. L. T., Chien, W. T., Tanida, K., Takeuchi, S., Katada, N., Zhang, R. X., Phuphaibul, R., Sobel, H. L., Ligot, J., Nailes, J. M., Kwok, S. W. H., & Lee, P. H. (2018). Quality of life, psychosocial, and mental health profile of adolescents in six areas of the Asia Pacific region. Poster presented at the 4th Biennial Regional School Health Congress, Taiwan.

Kwok, S. W. H., Lee, P. H., & Lee, R. L. T. (2017). Systematic review of health impacts of personal electronic screen-based media use among adolescents with developmental disorders. Poster presented at the 20th East Asian Forum of Nursing Scholars, Hong Kong.

Kwok, S. W. H. (2016). Smart device addiction, impulsiveness, and social anxiety of Hong Kong adolescents, their smart device use, and health impacts. Poster presented at the 3rd Biennial Regional School Health Congress, Zhengzhou, China.

Kwok, S. W. H., Lee, P. H., & Lee, R. L. T. (2014). Psychometric properties of smart devices addiction screening scale for Chinese schoolchildren. Poster presented at the 2nd Biennial Regional School Health Congress, Macau, China.

**Recent Funding (2019-24)**

Kwok, W. & Marriott, R. (2025). Innovation challenge – Generative artificial intelligence applications (Stage 2). *Department of Health WA*. Funding awarded: AU$474,161. Role: Co.

Kwok, W. H. (2025-2028). Digital and mobile technology in the care of older adults. Vice Chancellor’s Research Fellowship, HDR Scholarship, Edith Cowan University, AU$99,000. Role: Chief.

Kwok, W. H., Porock, D., Saunders, R., Towell-Barnard, M., Doleman, G., & [Intern]. (2024). Wearable devices, apps, and video monitoring of BPSD in dementia patients: A review. 8-week Summer Internship, Edith Cowan University, AU$3,500. Role: Chief.

Kwok, W. H. (2024-2027). Vice Chancellor’s Research Fellowship, Research Support. Edith Cowan University, AU$60,000. Role: Chief.

McKay, N., Palamara, P., McCavery, A., & Kwok, W. H. (2024). Evaluation of an artificial intelligence clinical decision-making tool in Nurse Practitioner education: A cross-sectional descriptive study. ED Teaching and Learning Award, Edith Cowan University, AU$5,000. Role: Co.

Porock, D., Palamara, P., & Kwok, W. H. (2024). Dignified and respectful decisions research. Palliative Care Victoria, AU$22,000. Role: Co.

Huang, S., Wang, A., & Kwok, W. H. (2024-2025). Ancient cultures meet research paper: Understanding Chinese travellers' perceptions and demand for Australian First Nations tourism experiences. Western Australian Indigenous Tourism Operators Council Grant, AU$60,352. Role: Co.

Kwok, W. H. (2022-2023). Senior Research Fellowship. College of Nursing & Midwifery, Charles Darwin University, AU$15,000.

Before 2024

Wang, G., & Kwok, W. H. (2023). Interpretable generative AI solution to improve critical service of perinatal mental health assessment for Aboriginal families. The Future Health Research and Innovation (FHRI) Fund, WA, AU$50,000. Role: Co.

Kotz, J., … & Kwok, W. H. (2023-2026). Koonjula Yipi, Jiji and Bamili-Nurturing Strong Babies, Mothers, and Families. MRFF Indigenous Health Research Fund, AU$257,767. Role: Associate.

Wang, G., & Kwok, W. H. (2022-2023). Development of explainable artificial intelligence-driven risk assessment tool for perinatal health with Aboriginal families. Murdoch University Vice Chancellor’s Seed Fund, AU$15,000. Role: Co.

Tang, A., & Kwok, W. H. (2018-2019). A cluster randomized controlled trial of a group mindfulness-based cognitive program for adolescents in Hong Kong: Its effect on smartphone behavior, symptoms of smartphone addiction, and resilience. College Research Grant of Tung Wah College, CRG2018/02, HK$150,520. Role: Co.

Kwok, W. H. (2015-2016). School of Nursing Scholarship for Dissertation. The Hong Kong Polytechnic University, HK$10,000.

Kwok, W. H. (2015-2016). Ida Martinson Scholarship for Advanced Nursing Development. The Hong Kong Polytechnic University, HK$10,000.

**Recent Projects (2022-25)**

Kwok, W. Costello, M., Ewens, B., Crevacore, C., & Burns, C. (2025). Enhancing the patient pathway following total hip arthroplasty: An evaluation of patient outcomes and experience. *Role: Lead.*

Kwok, W. Costello, M., Ewens, B., & Degebrodt, K. (2025). The application of complementary therapies on outcomes for women undergoing gynaecological procedures in a day surgery setting: A mixed methods study. *Role: Lead.*

Kwok, W. Costello, M., Ewens, B., Greg, G., & Bhowmik, P. (2025). The impact of access block on staff training, retention, and organisational culture. *Role: Lead.*

Huang, S., Wang, A., Kwok, W. & Clarke, J. (2025). Understanding Chinese travellers' perceptions and demand for Australian First Nations tourism experience. *Role: Co.*

Kwok, W. Shah, A., & Bush, D. (2025). Humanoid AI in aged care and dementia care. *Role: Lead.*

McKay, N., Palamara, P., McCavery, A., & Kwok, W. H. (2025). Evaluating nurse practitioner students’ engagement with AI clinical decision-making tools. *Role: Co.*

Kwok, W. H., Porock, D., Saunders, R., Towell-Barnard, M., Doleman, G., Gringart, E., & Shah, A. (2025). Physio-psychological measurements in early warning systems for person-centred care in dementia. *Role: Lead.*

Kwok, W. King, T., & Meneguello, M. (2025). Photography in aged care: The role of AI and its impacts on wellbeing. *Role: Lead.*

Kwok, W. Littleton, C., Jan, T., & Romano, D. (2025). Care coordination digital platform at home for people with cognitive decline across types of services and family. *Role: Lead.*

Kwok, W. Menzies, R., & Ingram, P. (2025). Perinatal and neonatal aeromedical retrievals by the Royal Flying Doctors Service, Western Operation: Trends over the last two decades. *Role: Lead.*

Kwok, W. Menzies, R., & Ingram, P. (2025). Exploring retention of highly qualified nurse-midwives at the Royal Flying Doctors Service, Western Operation. *Role: Lead.*

Adejumo, M., Porock, D., Baker, M., & Kwok, W. H. (2024). Developing Workstation-on-Wheels in Home Care: An Innovative Approach for Promoting High Quality Safe Care in Home Settings. Role: Co-supervisor.

Adejumo, M., Porock, D., & Kwok, W. H. (2024). HOMEDCart: An Innovative Approach for a Safe Quality Home Healthcare. Role: Co-supervisor.

Bayes, S., … Kwok, W. H. (2024). Demonstrating hospitality in the antenatal clinic: What makes service users feel welcome? (RGS0000007100). Role: Research Group Member.

Bayes, S., … Kwok, W. H. (2024). The MOPPsy Project: A program of research focused on Maternity services Optimising Perinatal Psycho-emotional wellbeing (2042285). Role: Associate Investigator.

Doleman, G., Towell-Barnard, M., Porock, D., Saunders, R., & Kwok, W. H. (2024). Incidence of Code Blacks on C16 Ward at SCGOPHCG. Role: Associate Investigator.

Kwok, W. H., Shah, S. A. A., & Wang, G. (2024). Integrating Generative AI Chatbots for Early Detection and Person-Centred Care of Dementia in CALD Communities. Role: lead.

Kwok, W. H., & McKay, N. (2024). Leveraging Generative AI to Enhance Nursing Diagnosis and Improve Student Learning Outcomes. Role: lead.

Kwok, W. H., Porock, D., Shah, S. A., & Wang, G. (2024). Exploring Australians’ Expectations and the Effectiveness of Chatbots for Person-Centred Dementia Care. Role: lead.

Kwok, W. H., Porock, D., Shah, S. A., & Wang, G. (2024). Accuracy and Usability of Empatica EmbracePlus in Monitoring Physiological Parameters and Perceived Stress in Older Adults. Role: lead.

Kwok, W. H., Porock, D., Saunders, R., & Wang, G. (2024). Personalized and Culturally Sensitive Early Detection and Preventive Care for Dementia in Diverse Communities. Role: lead.

Kwok, W. H., Porock, D., Wang, G., & Shah, S. A. (2024). Integrating AI to Predict and Mitigate 30-Day ICU, Readmission, and Mortality Risks Across Diverse Cardiovascular Patient Groups. Role: lead.

Kwok, W. H., Porock, D., Shah, S. A., & Wang, G. (2024). AI-Driven Diagnostics and Management for Dementia Care. Role: lead.

Whitehead, L., Zhang, M., Kwok, W., Arabiat, D., & Towell Barnard, M. (2024). Effectiveness, reach, uptake and feasibility of digital health interventions for culturally and linguistically diverse populations living with prediabetes across the lifespan: A systematic review. Role: Co.

Before 2024

Kotz, J., … Kwok, W. H. (2022). Baby Coming You Ready Study (RGS0000002649). Role: Research Group Member.

Kotz, J., … Kwok, W. H. (2022). Koonjula yipi, jiji and bamili - Building strong mothers, babies, and families (2025558). Role: Associate Investigator.

**Recent HDR Supervision (2020-25)**

Juaton, M. (2025) Student nurse absenteeism during clinical placement: A qualitative study of the causes for pre-registration nursing students not attending clinical placement. (PhD, School of Nursing and Midwifery, Edith Cowan University). Role: chief.

Utting, J. (2025). The effectiveness of immersive virtual reality (IVR) on pre-registration nursing students’ communication skills with children and their families. (PhD, School of Nursing and Midwifery, Edith Cowan University). Role: Co.

Utami, M. (2025–ongoing). Advanced AI chatbot for enhancing quality of life and reducing caregiver burden in early dementia patients. (PhD, School of Nursing and Midwifery, Edith Cowan University). Role: chief.

Kaur, R. (2025–ongoing). Assessing the knowledge of nurses in regard to detection and recognition of deteriorating patients and escalation of appropriate care in a hospital setting. (PhD, School of Nursing and Midwifery, Edith Cowan University). Role: chief.

Winkle, K. (2025–ongoing). Wearable devices, apps, and video monitoring of BPSD in people living with dementia: A scoping review. (Intern, School of Nursing and Midwifery, Edith Cowan University). Role: chief.

Tan, S. (2025–ongoing). Enhancing the usability of autonomous vehicles for elderly populations using machine learning and vision neural networks. (PhD, School of Science, Edith Cowan University). Role: Co.

Nel, T. (2025–ongoing). Work engagement and job performance amongst registered nurses in a public hospital in Western Australia. (Master, School of Nursing and Midwifery, Edith Cowan University). Role: chief.

Skinner, S. (2024–ongoing). Introducing Tai Chi intervention to the Australian context for breast cancer patients. (PhD, School of Nursing and Midwifery, Charles Darwin University). Role: Co.

Correya, A. (2024–ongoing). Nurse-led and GP-supported self-management interventions to reduce cardiovascular risks in breast cancer survivors with cardiovascular diseases. (PhD, School of Nursing and Midwifery, Charles Darwin University). Role: Co.

Adejumo, M. (2024–Present). Exploring barriers and facilitators to maintaining standard precautions in home care. PhD, School of Nursing and Midwifery, Edith Cowan University. Role: Co.

Loessl, B. (2024–Present). Teaching anatomy and physiology in undergraduate nursing with virtual reality – the context of connectivism. PhD, School of Nursing and Midwifery, Edith Cowan University. Role: Co.

Before 2024

Li, M.-Y. (2021–2025). A phase 3 RCT exploring the effects of somatic acupressure on the fatigue-sleep disturbance-depression symptom cluster in breast cancer survivors. PhD, Charles Darwin University. Role: Co.

Wang, E. (2020–2024). A pilot RCT exploring the feasibility and potential effects of using an evidence-based breathing exercise protocol for chronic pain management in breast cancer survivors. PhD, Charles Darwin University. Role: Co.

Yao, L. (2020–2023). Tai chi intervention for breast cancer patients' mental health and quality of life: RCT. PhD, Charles Darwin University. (Completed) Role: Co.

Vadde, S. K. (2020). Text mining on social media data using probabilistic model and dictionary-based method regarding vaccination against coronavirus disease. Master's, School of IT, Murdoch University. (Completed) Role: Co.

**Mentorship and Teaching**

Edith Cowan University (ECU). (2024–Present). Unit Coordinator / Tutor, Integrated PhD Program, PRO6000 Research Project.

• Murdoch University. (2022–2023). Tutor, Master of Information Technology Program, ICT583 Data Science Applications.

• The Hong Kong Polytechnic University. (2017–2019). PhD Peer Mentor.

• The Hong Kong Polytechnic University. (2017). Supervisor, Undergraduate Service-Learning Unit, “Mentoring Health Ambassadors for School Communities.”

Membership

• Sigma Theta Tau International Honor Society of Nursing (STTI), Psi Alpha Chapter. (2024–Present). Member.

• Australian College of Nursing (ACN). (2024–Present). Associate Member.

• Australian Association of Gerontology (AAG). (2024–Present). Member.

• WA Chinese Scientists Association (WACSA). (2023–Present). Member.

• Higher Education Academy (FHEA). (2022–Present). Fellow.

• Hong Kong College of Paediatric Nursing, Hong Kong Academy of Nursing (MHKAN). (2018–Present). Ordinary Member.

• Hong Kong School Nurses Association (HKSNA). (2015–Present). Financial Secretary and Executive Board Member.

• Sigma Theta Tau International Honor Society of Nursing (STTI), Pi Iota Chapter. (2010–Present). Member.

Research and Teaching Training

• The Joanna Briggs Institute. (February 2024). Certificate, Scoping Review Workshop, Perth, Australia.

• University of Technology Sydney. (September 2024). Certificate, Supervising Indigenous Higher Degree Research.

• Edith Cowan University. (February 2024). GRS HDR Supervisor Induction.

• Edith Cowan University. (February 2024). GRS HDR Supervisor Update.

• Edith Cowan University. (February 2024). RPL - HDR Supervision [AP24].

• Edith Cowan University. (February 2024). PDC111 Introduction to Learning and Teaching.

• Edith Cowan University. (February 2024). PDC112 On-Campus Teaching.

• Murdoch University. (2022). Learning and Teaching Certificate.

• The Hong Kong Polytechnic University. (September 2016). Certificate, Become Effective Teaching Assistant (BETA) Programme.

Professional Training

• Hong Kong College of Community and Public Health Nursing. (November 2019–January 2020). Post Registration Certificate Course in Primary Health Care Nursing (District Health Centre Module).

• Hong Kong School Nurses Association. (September 2016–August 2017). Post Registration Certificate Course in Paediatric and School Nursing.

• Palm Beach State College, Florida, USA. (2016). Overseas Placement for Advanced Practice Nursing.

• Metropolitan University College, Copenhagen, Denmark. (2015). Overseas Placement for Advanced Practice Nursing.

• University of Texas, El Paso, USA. (2009). Overseas Exchange Programme.

Career Development Training

• The Australian College of Nursing. (June 2024). Certificate, The Leader's Mindset Series 2.

• Edith Cowan University. (September 2024). ML099 Health and Safety for Leaders Training.

• Edith Cowan University. (February 2024). Research Integrity Professional Learning.

• Edith Cowan University. (February 2024). Integrity@ECU.

• Edith Cowan University. (February 2024). Equal Opportunity (EO Online All Staff - Modules 1-3).

• Edith Cowan University. (February 2024). Equal Opportunity (EO Online Managers and Supervisors - Module 4).

• Edith Cowan University. (February 2024). Information Management Awareness Training.

• Edith Cowan University. (February 2024). Information Security Essentials.

Conference Workshops

• Leitch, J., & Stephen, S. (August 2024). Leadership for improvement at every level. International Forum on Quality and Safety in Healthcare, Hong Kong.

• Duffett-Leger, L. (September 2024). Transforming Care: The Future of Nursing in the Digital Health Era. Curtin School of Nursing 50 Years of Excellence Conference, Perth, Western Australia.

• CATSINaM. (October 2024). Governance workshop. CATSINaM National Conference, Perth, Western Australia.

• AAG. (November 2024). ATSIAAG workshop. 57th AAG Conference, Hobart, Tasmania.

Journal Reviewer

• Peer Reviewer. Behavioral Sciences (IF 2.3)

• Peer Reviewer. BMC Cancer (IF 4.0)

• Peer Reviewer. BMC Health Services Research (IF 2.5)

• Peer Reviewer. BMC Infectious Diseases (IF 3.4)

• Peer Reviewer. BMC Medical Informatics and Decision Making (IF 2.6)

• Peer Reviewer. BMC Palliative Care (IF 2.9)

• Peer Reviewer. BMC Public Health (IF 4.5)

• Peer Reviewer. BMC Pulmonary Medicine (IF 3.1)

• Peer Reviewer. BMJ Open (IF 2.7)

• Peer Reviewer. Child and Adolescent Psychiatry and Mental Health (IF 3.0)

• Peer Reviewer. Contemporary Nurse (IF 1.4)

• Peer Reviewer. Discover Applied Sciences (IF 2.5)

• Peer Reviewer. European Journal of Investigation in Health, Psychology and Education (IF 3.2)

• Peer Reviewer. Frontiers in Psychiatry (IF 4.2)

• Peer Reviewer. Frontiers in Psychology (IF 3.8)

• Peer Reviewer. Frontiers in Public Health (IF 4.5)

• Peer Reviewer. Integrative Cancer Therapies (IF 3.7)

• Peer Reviewer. International Journal of Disaster Risk Reduction (IF 3.9)

• Peer Reviewer. International Journal of Emergency Medicine (IF 1.7)

• Peer Reviewer. International Journal of Environmental Research and Public Health (IJERPH) (IF 4.3)

• Peer Reviewer. Journal of Health Sciences (IF 1.1)

• Peer Reviewer. Journal of Health, Population and Nutrition (IF 1.6)

• Peer Reviewer. Journal of Medical Internet Research (JMIR) (IF 7.1)

• Peer Reviewer. Nature and Science of Sleep (IF 4.0)

• Peer Reviewer. PLOS ONE (IF 3.2)

• Peer Reviewer. Psychiatry International (IF 1.3)

• Peer Reviewer. Scientific Reports (IF 4.9)

• Peer Reviewer. Springer Nature (IF 10.5, average for Springer Nature journals)

• Peer Reviewer. Supportive Care in Cancer (IF 3.2)

• Peer Reviewer. Western Journal of Nursing Research (IF 2.3)

• Peer Reviewer. World Journal of Surgical Oncology (IF 3.1)