

# DR. LALITA KAEWWILAI

## Lecturer

Dr. Lalita Kaewwilai is a lecturer at Mahidol University, specializing in public health nursing, gerontological care, dementia, and Parkinson's disease. She holds a Ph.D. in Nursing from the University of Alberta and focuses her research on aging, disease prevention, and health technologies. She has contributed to AI development for tuberculosis screening and has extensive experience in clinical research aimed at improving quality of life for older adults and caregivers. She is also actively involved in academic services, and collaborating with healthcare professionals to enhance education and public health initiatives



## CONTACT



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Department of Public Health Nursing  
Faculty of Public Health  
Mahidol University



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## EDUCATION

### Bachelor of Nursing Science

(First class honor)  
Faculty of Nursing  
Assumption University  
2003 - 2006

### Master of Science in Health informatics

Faculty of Public Health  
Mahidol University  
2010 - 2013

### Ph.D. in Nursing

Faculty of Nursing  
University of Alberta, Canada  
2017 - 2021

## PROFESSIONAL EXPERIENCES

### Lecturer

Department of Public Health Nursing, 2022 - Present  
Faculty of Public Health  
Mahidol University

- Teaching: Develops and delivers lectures, practical sessions, and seminars in public health and gerontological nursing.
- Research: Conducts and publishes research focusing on aging, disease prevention, health promotion, and health technologies
- Academic Services: Mentors students, contributes to curriculum development, and participates in academic committees.
- Collaboration: Works with healthcare professionals to enhance education, research, and public health initiatives

### Research Nurse

Chulalongkorn Parkinson's Disease and  
Related Disorders Center of Excellence  
King Chulalongkorn Memorial Hospital 2007 - 2015

- Coordinates clinical trials and manages data.
- Ensures patient safety and monitors progress
- Ensures ethical standards are followed throughout the aresearch process.
- Collaborates with healthcare teams to analyze data.
- Contributes to developing intervention for Parkinson's disease.
- Focuses on improving quality of life for older adults with Parkinson's Disease

## LANGUAGES

- English
- Thai

## HONOURS AND AWARDS

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- 2003-2006 Good academic performance Scholarships from Faculty of Nursing Science, Assumption University, Thailand
- 2006 Honor Recognition Award. Faculty of Nursing Science Assumption University, Thailand
- 2010-2013 Educational Scholarship in Honor of "The 60th Year Supreme Reign of His Majesty King Bhumibol Adulyadej" 2010 Academic Year Mahidol University, Thailand
- 2017 Mahidol University's Academic Development Scholarship Mahidol University, Thailand
- 2017 South Edmonton Lioness Club Scholarship in Nursing University of Alberta, Canada
- 2017 Isobel Secord Graduate Scholarship, Faculty of Nursing, University of Alberta, Canada
- 2024 APACPH mentee for the APACPH-ECN MENTORSHIP Programme

## LICENTIATE

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- The License of Nursing and Midwifery, issued by the Thailand Nursing Council

## SPECIAL TRAINING

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- Certificate in Gerontological Nursing Specialty
- Certificate in Occupational Health Nursing Specialty

## PROFESSIONAL MEMBERSHIP

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- Honor Society of Nursing, Sigma Theta Tau International
- The Nurses' Association of Thailand
- The Thai Public Health Nurses' Association

## PROFESSIONAL ACTIVITIES

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### Journals

- 2023- present Editorial board : Journal of Public Health Nursing (Thailand)
- 2022- present Reviewer: Journal of Public Health Nursing (Thailand)
- 2023- present Reviewer: International Journal of Care and Caring
- 2024- present Reviewer: Journal of Applied Gerontology
- 2024- present Reviewer: Frontiers in Public Health

### Academic Services

#### List of projects

- 2021 Barriers to Healthcare Access for Myanmar Migrant Workers in Thailand and Japan
- 2022 The Development of a Health Profile Database Concerning PM2.5 Dust and the Assessment of Health Literacy on Preventive Behaviors in Vulnerable Groups Against Diseases Caused by PM2.5
- 2023 Development of a Health Literacy Organization Model for Silicosis Prevention in the Workplace and Health Care Sector
- 2024 Curriculum development : Cultural competency for health professional
- 2024 Older Adults Food Security in Thailand: Considering a Changing Climate

- **Kaewwilai, L.**, Yoshioka H., Choppin A., Prueksaritanond P., Palakawong Na Ayuthaya T, Brukesawan C.,... Kaewboonchoo O.(2024). Development and evaluation of an artificial intelligence (AI) -assisted chest x-ray diagnostic system for detecting, diagnosing, and monitoring tuberculosis. (Under Review)
- Kaewpan, W., Rojpaisarnkit, K., Tongvichean, S., **Kaewwilai, L.**, & Keawpan, T. (2023). Decision to employ retired nurses to work in senior care businesses: A qualitative study. *Nursing Open*, 10, 5236–5243.
- **Kaewwilai, L.**, Duggleby, W., Santos Salas, A., & O'Rourke, H. (2023). Asian family carers of persons living with dementia: a stress and coping model. *International Journal of Care and Caring*, 7(1), 131-148.
- **Kaewwilai, L.** Duggleby, W. O'Rourke, H. M. & Santos Salas, A. (2022). Coping strategies and quality of life among Thai family carers of community-dwelling persons living with dementia: A cross-sectional study. *Journal of Advanced Nursing*, 00, 114 <https://doi.org/10.1111/jan.15185>
- **Kaewwilai, L.** (2022). Comprehensive Geriatric Assessment in Community: Roles of Nurse Practitioner[in Thai]. *Journal of Public Health Nursing*, 36(1)135-152.
- Salma, S., **Kaewwilai, L.**, Azizali, S. (2021). Migrants' Wellbeing and Use of Information and Communication Technologies. *International Health Trends and Perspectives*, 1(2),139-160
- Duggleby, W. Peacock, S. Ploeg, J.Swindle, J. **Kaewwilai, L.**, Lee, H.J. (2020). Qualitative Methods and Their Importance in Adapting Interventions. *Qualitative Health Research*,00(0),1-9
- **Kaewwilai, L.** (2020). How Community Nurse Practitioners Screen for Parkinson's Disease in the Community [in Thai]. *Journal of Public Health Nursing*, 32(2),131-142.
- Jagota, P., **Kaewwilai, L.**, Boonrod, N., Singmaneesakulchai, S., Boonpang, K., Sringean, J., . . . Petchrutchatachart, S. (2016). Impact of neu-botulinumtoxinA on the severity and quality of life of cervical dystonia patients. *Tremor and Other Hyperkinetic Movements (New York, N.Y.)*, 6, 407. doi:10.7916/D8736R2H.
- Tosukhowong, P., Boonla, C., Dissayabutra, T., **Kaewwilai, L.**, Muensri, S., Chotipanich, C., . . . Bhidayasiri, R. (2016). Biochemical and clinical effects of whey protein supplementation in parkinson's disease: A pilot study. *Journal of the Neurological Sciences*, 367, 162-170. doi:10.1016/j.jns.2016.05.056
- Bhidayasiri, R., Jitkrisadakul, O., Petchrutchatachart, S., **Kaewwilai, L.**, Panyakaew, P., Boonrod, N., & Colosimo, C. (2014). Nocturnal manifestations of atypical and vascular parkinsonism: How do they differ from parkinson's disease? *Journal of Neural Transmission (Vienna, Austria : 1996)*, 121 Suppl 1, 69. doi:10.1007/s00702-014-1198-y
- Bhidayasiri, R., Mekawichai, P., Jitkrisadakul, O., Panyakaew, P., **Kaewwilai, L.**, Boonrod, N., . . . Setthawatcharawanich, S. (2014). Nocturnal journey of body and mind in parkinson's disease: The manifestations, risk factors and their relationship to daytime symptoms. evidence from the NIGHT-PD study. *Journal of Neural Transmission (Vienna, Austria : 1996)*, 121 Suppl 1, 59. doi:10.1007/s00702-014-1199-x
- Viwattanakulvanid, P., **Kaewwilai, L.**, Jitkrisadakul, O., Brenden, N. R., Setthawatcharawanich, S., Boonrod, N., . . . Bhidayasiri, R. (2014). The impact of the nocturnal disabilities of parkinson's disease on caregivers' burden: Implications for interventions. *Journal of Neural Transmission (Vienna, Austria : 1996)*, 121 Suppl 1, 15. doi:10.1007/s00702-014-1200-8
- Bhidayasiri, R., **Kaewwilai, L.**, Wannachai, N., Brenden, N., Truong, D. D., & Devahastin, R. (2011). Prevalence and diagnostic challenge of dystonia in thailand: A service-based study in a tertiary university referral centre. *Parkinsonism & Related Disorders*, 17 Suppl 1, 15. doi:10.1016/j.parkreldis.2011.06.014
- Bhidayasiri, R., Saksornchai, K., **Kaewwilai, L.**, & Phanthumchinda, K. (2011). A census of movement disorders at a thai university hospital. *Journal of the Neurological Sciences*, 301(1-2), 31-34. doi:10.1016/j.jns.2010.11.010
- **Kaewwilai, L.**, Nitayasuddhi, D., Rawiworakul, T., Wongwiwattananon P., & Boonshuyar, C. (2013). Development of a short messaging reminder system for patients with Parkinson's disease, TMI-medinfo2013: Proceeding of the Second National Conference on Medical Informatics (pp.87-91). Bangkok. (Conference Proceeding)