Alongkorn Pekalee

Assistant Professor Dr.



Skills, Expertise, and Interests:

- Health Education and Health promotion **profession**.
- **Academic and teaching** in health education, behavioral sciences, and community health.
- **Conducts extensive research** on promoting healthy aging and preventive health behaviors.

Contacts

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Faculty of Public Health, Mahidol University

Summary

Dedicated health promotion practitioner skilled in data analysis, focusing on aging & community health and quality of life. Strong communicator with excellent project skills, analytical abilities, and proficiency in research programs and technologies.

Education and experiences

Education

- **Ph.D** (Demography), Mahidol University
- **MSc** (Public Health:-Health Education and Behavioral Sciences), Mahidol University
- **BSc** (Public Health:-Community Health) Mahidol University

Training

- **Social and Behavioral Theories** in Health Education and Health Promotion
- **Strategies and Methods** of Health Education and Health Promotion
- **Community Health Education** and Health Promotion

Job position

Lecturer: 2020-Present
MAHIDOL UNIVERSITY, THAILAND

- **Master** of Sciences, Program in Health Education and Health Promotion
- **Master** of Public Health Program
- **Bachelor** of Sciences, Program in Public Health

Administrative Position: Present
FACULTY OF PUBLIC HEALTH, MAHIDOL UNIVERSITY, THAILAND

- Deputy Dean for Undergraduate Education and Student Affairs

License to Practice

- **Community Public Health Profession (Thailand)**

Publications

2026

Boonkla S, Sarnkhaowkhom C, **Pekalee A**, Sompopcharoen M. Examining Predictors of Preventive Behaviors for PM2. 5 Exposure Among Upper Secondary Students in Bangkok: An Application of the Socio-Ecological Model. Asia Social Issues. 2026;19(1):e283239-.

2025

Koson N, **Pekalee A**, Therawiwat M. Effects of dementia preventive behaviours promotion program based on health belief model among older people at risk. *Disease Control Journal*. 2025; 51(2): 280-92.

Attapornpitak **N, Pekalee A**, Therawiwat M, Sarnkhaowkhom C. Electronic health literacy and factors related to self-care behaviors among hypertensive patients in Nonthaburi Province. *Disease Control Journal. 2025; 51(3): 429-40.*

Jensuksathitpaisal S, Pekalee A, Therawiwat M, Sarnkhaowkhom C. Factors Related to Electronic Health Literacy of Older Persons in Nonthaburi Province. *Journal of The Department of Medical Services*. 2025 Dec 16;50(4):92-100.

2024

Limtin P, Therawiwat M, Imaee N, **Pekalee A**. Factors related to self-management behavior to control blood sugar of patients with type 2 diabetes in Phang Nga Province. *Academic Journal for Primary Care and Public Health Development*. 2024; 1(2): 70-84.

Roopngam W, Therawiwat M, Imaee N, **Pekalee A.** Post-pandemic COVID-19 preventive behaviors of chronic non-communicable diseases who received service at metropolitan health and wellness institution, Ministry of public Health. *Thailand Journal of Health Promotion and Environmental Health*. 2024; 47(1): 68-79

Mueangkaew A, Therawiwat M, **Pekalee A**, Imaee N. Factors predicting stroke prevention behaviours among patients with uncontrolled hypertension in Nonthaburi province. Journal of Thai Stroke Society. 2024; 23(2): 14-22.

2023

Pekalee A, Gray RS. In-home environment and happiness among older adults in Thailand. *Frontiers in Public Health*. 2023 Apr 3;11:1159350.

Labnok T, Vatanasomboon P, Therawiwat M, **Pekalee A**. Public Health Practitioners' Health Education Competencies in Sub-District Health Promoting Hospitals. *Journal of Health Science*. 2023; 32(2): S329-39.

Krearprasert R, Kengganpanich M, **Pekalee A**. The Predictive Factors Associated with Fall Prevention Behavior of Elderly People in Bang Khen Subdistrict Health Promoting Hospital Area, Nonthaburi Province. *Thai Journal of Health Education*. January – June 2023; 46(1): 94-106.

2022 Ngamkham S, Wattanakul B, **Pekalee A**, Suparee N. Psychometric Properties of Beliefs about Pain Control Questionnaire in People with Cancer–Thai Version. Pacific Rim International Journal of Nursing Research. 2022 May 27;26(3):432-45.

Pratumwan P, Vatanasomboon P, **Pekalee A.** Applying the Protection Motivation Theory in Predicting Motivation for COVID-19 Preventive Behaviors among Thai People in Health Region 3. *Thai Journal of Public Health*. 2022 Dec 27;52(3):294-308.

2021 **Pekalee A**, Vatanasomboon P. The Limited Activities of Daily Living (ADLs) among Thai Older Adults: An evidence from the 2017 national survey of older persons in Thailand. *Thai Journal of Health Education*. 2021; 44(1): 49-59

2020 **Pekalee A,** Ingersoll-Dayton B, Gray RS, Rittirong J, Völker M. Applying the concept of successful aging to Thailand. *Journal of Population and Social Studies [JPSS]*. 2020 Mar 26; 28(2): 175-90.

2019 **Pekalee A,** Ingersoll-Dayton B, Gray RS, Rittirong J, Völker M. Successful aging in Thailand: an application of Rowe and Kahn's model to Thai older people. Mahidol University, Thailand.

2018 Vatanasomboon P, **Pekalee A**, Powwattana A, Termsirikulchai L. Evaluating adoption of a life-skill instructional cartoon by the opportunity expansion schools network with the Thai health promotion foundation. *Journal of Public Health*. 2018; 48(1): 57-70.

2016 Kaeodumkoeng K, **Pekalee A**, Junhasobhaga J, Suwannit C. The role of village health volunteers in the family care team. *Journal for Public Health Research*; 9(2): 6-16.

2013	**Pekalee A**, Termsirikulchai L, Vatanasomboon P, Kengkarnpanich T**.** Factors associated with compliance with the non-smokers' health protection acts 1992 of internet cafe proprietors in Bangkok. *Journal of Public Health*. 2013; 43(1): 30-41.
2012	**Pekalee A**, Termsirikulchai L, Vatanasomboon P, & Kengkarnpanich T. Factors associated with compliance with the non-smokers' health protection acts 1992 of internet cafe proprietors in Bangkok. Mahidol University, Thailand.

Related Experiences

Research Assistant	Evaluation of "Integrated management for alcohol and substance abuse program" project supported by the Thai Health Promotion Foundation
	Researcher development in health behavior and environmental change project supported by the Tobacco Control Research and Knowledge Management Center (TRC)
	Review on Aging and Elderly: What factors contribute to healthy vs. pathological aging in Thailand supported by International Life Sciences Institute (ILSI) Southeast Asia Region, Singapore
Research Team	Evaluation of Instructional Media for Life Skills Development in Youth project supported by the Thai Health Promotion Foundation
	Health Security of Older persons: A survey of five ASEAN Countries project—a part of Strengthening Human Rights and Peace Education in ASEAN/Southeast Asia (SHAPE-SEA) Project
Teaching experiences	"Practicum in Health Education and Health Promotion" for Bachelor degree, Program in Public Health (major in Health Education and Health Promotion)
	"Community Health Education and Health Promotion" for Bachelor degree, Program in Public Health (major in Health Education and Health Promotion)
	"Social and Behavioral Theories in Health Education and Health Promotion" for Bachelor degree, Program in Public Health (major in Health Education and Health Promotion)

“Introduction to Behavioral Theories in Public Health” for Master degree, Program in Public Health

“Application of Social and Behavioral Sciences Theories to Health Education and Health Promotion” for Master degree, Program in Health Education and Health Promotion

“Strategies and Methods of Health Education and Health Promotion” for Master degree, Program in Health Education and Health Promotion