



# CHANIDA LERTPITAKPONG

ชนิดา เลิศพิทักษ์พงศ์

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## EDUCATION

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### **Ph.D. in Health Research and Management - Health Policy**

Department of Preventive and Social Medicine, Faculty of Medicine, Chulalongkorn University, Thailand

*Thesis: Applying the quality-of-life concept to employee health assessment in organizations: application of the DALY approach*

### **M.A. in Population and Social Research**

Institute of Population and Social Research, Mahidol University, Thailand

### **B.Sc. in Public Health - Environmental Health Science**

Faculty of Public Health, Mahidol University, Thailand

## EXPERTISE / AREAS OF RESEARCH INTEREST

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- Health Policy, Health Systems, and Primary Health Care
- Economic Evaluation, Cost of Illness, and Health Financing
- Non-Communicable Diseases (NCDs) and Aging
- Digital Health and Health Information Systems
- Health Equity, Migrant Health, and Social Health Protection

## WORK EXPERIENCE

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**Faculty Member:** ASEAN Institute for Health Development (AIHD), Mahidol University (current)

**Faculty Member:** Faculty of Public Health, Mahidol University

**Researcher:** Faculty of Medicine, Chulalongkorn University

**Head,** Research and Evaluation Division: Health Promoting University Project, Chulalongkorn University

**Researcher:** Ramathibodi Hospital, Mahidol University

**Researcher:** Health Intervention and Technology Assessment Program (HITAP), International Health Policy Program (IHPP), Ministry of Public Health

**Curriculum Developer:** Department of Mental Health, MoPH–U.S. CDC Collaboration (TUC)

**Graduate Research Assistant:** Institute for Population and Social Research (IPSR), Mahidol University, supported by the World Health Organization (WHO); assisted in academic research during Master's studies.

## ACADEMIC SERVICE AND ENGAGEMENT

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- Guest Lecturer: Defining Benefit Packages – the Example of HTA Procedure in Thailand, Social Health Protection Course organized by the International Labour Organization (ILO), April 2025
- University Senate Member, Mahidol University (Appointed as AIHD Representative) 2023–present
- Committee Member, Oral Presentation Session – Track: Aging, Health System, Policy and Behavioral Health 16th IGSCPP, College of Public Health Sciences, Chulalongkorn University, 14 July 2025
- Contributor to strategic planning, The 13th Governing Board Meeting & ACAI Consultative Meeting on the 5-Year Strategic Plan, February 24–25, 2025, Bangkok, Thailand
- Member, Health Technology Assessment (HTA) Network, Health Systems Research Institute (HSRI), Thailand, 2025
- Participant, National Health Assembly on health policy and multisectoral collaboration
- Mentor, SPITCH Project (Smoke Solution Pitching Championship 2024), organized by the Federation of Medical Students of Thailand, 2025
- Member, Evaluator Network for Outcome and Impact Assessment, under the Thai Health Promotion Foundation (ThaiHealth), participated in national focus group discussions to co-develop strategies and structure for an academic evaluator network supported by ThaiHealth. Joined the brainstorming session on 30 November 2023
- Co-researcher, COVID-19 Lessons-Learned and Provincial Emergency Governance Project, Office of the Permanent Secretary, Ministry of Public Health, Thailand, 2023: Archiving key measures and responses to strengthen Thailand's future health system.

## PUBLICATIONS LIST

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1. **Lertpitakpong C**, Ramart P, Sivilaikul S, Santingamkun A, Sangkum P, Kochakarn W, Kochakarn C. Economic evaluation and operational feasibility of treatment for urinary incontinence due to a urethral sphincter deficiency in men by using male sling or artificial urinary sphincter in Thailand. (Unpublished manuscript)

2. **Lertpitakpong C**, Karnjanapiboonwong A, Charoendee K, Hanvoravongchai P. Health information systems on diabetes and hypertension during 1974–2022 in Thailand. (Unpublished manuscript)
3. Saoadon S, Intaraprasong B, Sillabutra J, Muangyim K, **Lertpitakpong C**. Organizational learning through transformational leadership in the primary health system in Thailand. (Unpublished manuscript)
4. Arif R, Orapin L, Piyapong J, Syarifah A, Mongkon T, **Lertpitakpong C**. Demographic determinants of workforce participation among the elderly in Indonesia. In: *Proceedings of the 16th International Graduate Students Conference on Population and Public Health Sciences (IGSCPP)*; 2025 Jul 14; Bangkok, Thailand. 2025.
5. Quynh AM, Thunwadee S, Orapin L, Piyapong J, **Lertpitakpong C**. Health care utilization and out-of-pocket costs among the elderly patients with hypertension and diabetes. In: *Proceedings of the 16th International Graduate Students Conference on Population and Public Health Sciences (IGSCPP)*; 2025 Jul 14; Bangkok, Thailand. 2025.
6. Saoadon S, Intaraprasong B, Sillabutra J, Muangyim K, **Lertpitakpong C**. Reliability and validity of the Thai version of the transformational leadership questionnaire and transformational leadership in Thailand's primary health system. *J Health Sci* 2024;33(1).
7. Phanil P, Chinwetkitvanich S, **Lertpitakpong C**. Willingness to pay (WTP) for bioplastic cup packaging among café entrepreneurs in Bangkok metropolis and vicinity. In: *Proceedings of the International Conference for Public Health, Environment, and Education for Sustainable Development Goals and Lifelong Learning*; 2023 Sep 28–29; Bangkok, Thailand. 2023. p. 66.
8. Somboon C, Tipayamongkhogul M, Bundhamcharoen K, **Lertpitakpong C**. Estimating cost of illness of COVID-19 in Bamrasnaradura Infectious Diseases Institute, Thailand. *J Health Syst Res* 2023;17(4).
9. **Lertpitakpong C**, Thachaiyuth T, Hanvoravongchai P. Accessing feasibility and acceptability of health maintenance organizations for medical care service under the social security system: Policy research. *J Health Syst Res* 2023;7(1):5–27.
10. Liu X, Chen J, Zhou J, Liu J, **Lertpitakpong C**, Tan A, Wu S, Mao Z. The relationship between the number of daily health-related behavioral risk factors and sleep health of the elderly in China. *Int J Environ Res Public Health* 2019;16(24):4905.
11. **Lertpitakpong C**, Sriratanaban J, Chaikledkaew U, Hanvoravongchai P. Burden of diseases among nursing staff in a tertiary hospital in Thailand. *Pac Rim Int J Nurs Res* 2019;23(2):180–93.

12. Thavorncharoensap M, Teerawattananon Y, Yothasamut J, **Lertpitakpong C**, Thitiboonsuwan K, Neramitpitagkul P, et al. The economic costs of alcohol consumption in Thailand 2006. *BMC Public Health* 2010;10:323.
13. Chaikledkaew U, **Lertpitakpong C**, Teerawattananon Y, Thavorncharoensap M, Tangcharoensathien V. The current capacity and future development of economic evaluation for policy decision-making: A survey among researchers and decision-makers in Thailand. *Value Health* 2009;12 Suppl 3:S31–5.
14. Thavorncharoensap M, Teerawattananon Y, Yothasamut J, **Lertpitakpong C**, Chaikledkaew U. The economic impact of alcohol consumption: A systematic review. *Subst Abuse Treat Prev Policy* 2009;4:20.
15. **Lertpitakpong C**, Thavorncharoensap M, Teerawattananon Y, Thitiboonsuwan K. Assessing the enforcement of policy on limiting alcohol accessibility and alcohol purchasing. *J Health Sci* 2009;18:537–49.
16. **Lertpitakpong C**, Thavorncharoensap M, Teerawattananon Y, Neramitpitagkul P. Cost of productivity loss due to premature death in Thailand. *J Health Sci* 2009;18:322–32.
17. Neramitpitagkul P, **Lertpitakpong C**, Yothasamut J, Thavorncharoensap M, Chaikledkaew U, Teerawattananon Y. Economic impact on healthcare costs related to major diseases including HIV/AIDS due to alcohol drinking among Thai populations. *Value Health* 2009;12 Suppl 3:S97–100.
18. Thitiboonsuwan K, Thavorncharoensap M, **Lertpitakpong C**, Teerawattananon Y. The economic costs of alcohol-related absenteeism and reduced productivity in Thailand. *J Health Syst Res* 2008;3(1):102–12.
19. Neramitpitagkul P, **Lertpitakpong C**, Thavorncharoensap M, Chaikledkaew U, Teerawattananon Y. Health care costs from alcohol drinking among Thai population. *J Health Syst Res* 2008;2(4):594–602.
20. **Lertpitakpong C**, Chaikledkaew U, Thavorncharoensap M, et al. A determination of topics for health technology assessment in Thailand: making decision makers involve. *J Med Assoc Thai* 2008;91 Suppl 2:S100–9.

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## RESEARCH GRANTS / FELLOWSHIPS

- Thailand Research Center for Health System (TRC-HS) Fund – Research grant for doctoral dissertation
- Well-come Trust–IPSR Graduate Scholarship – Partial research grant for Master’s thesis

## AWARDS AND HONORS

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- Health Technology Assessment (HTA) Practitioner Award, sponsored by the Government of Singapore under the Singapore Cooperation Programme (SCP) and administered by the Ministry of Foreign Affairs (MFA)
- Awarded third prize for research on productivity loss due to premature mortality attributable to alcohol consumption in Thailand, Centre for Alcohol Studies (CAS)
- Awarded second prize for research on policy enforcement to limit alcohol accessibility and purchasing, Centre for Alcohol Studies (CAS)

## PROFESSIONAL CERTIFICATION / CREDENTIALS

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- **Professional Researcher Empowerment Program (PREP), Batch 12**, completed on 25 June 2025  
*Organized by the Research Management and Development Division, Mahidol University*
- **Mahidol University Professional Standards Framework (MUPSF) – Level 2**, Faculty-level assessment under Mahidol University standards, 2023  
*(Recognized for teaching quality based on MU's professional academic standards framework)*

## ACADEMIC BOOK / REPORT

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- Lertpitakpong C, Ramart P, Sivilaikul S, Santingamkun A, Sangkum P, Kochakarn W, Nualyong C. Economic evaluation and operational feasibility of treatment for urinary incontinence due to a urethral sphincter deficiency in men by using male sling or artificial urinary sphincter in Thailand. Nakhon Pathom: ASEAN Institute for Health Development, Mahidol University; 2024. ISBN: 978-616-443-968-3.

### **Policy Impact:**

*The research findings were presented to the Health Economics Working Group for Defining Health Service Types and Coverage under Thailand's Universal Health Coverage Scheme, National Health Security Office (NHSO), on 13 February 2024. The evidence contributed to policy discussions on the inclusion of male sling and artificial urinary sphincter technologies in the UHC benefit package.*

- Lertpitakpong C., Charoendee K. Review of information systems on diabetes mellitus and hypertension in Thailand. Research funded by the Economic Health Promotion Assessment Program under the Thai Health Promotion Foundation, 2019.
- Hanvoravongchai P, Lertpitakpong C. The Health Maintenance Organization (HMO) model in the Thai health financing and service systems. Bangkok: Social Security Office; 2019. Available at:

[https://www.sso.go.th/wpr/assets/upload/files\\_storage/sso\\_th/35f28b8a2a3a35783987319b4cb6deac.pdf](https://www.sso.go.th/wpr/assets/upload/files_storage/sso_th/35f28b8a2a3a35783987319b4cb6deac.pdf).

Funded by: The Social Security Office, Thailand.

- Sriratanaban J, Lertpitakpong C, Maneechaai M, Charoendee K. Evaluation of the Management Support Plan to Strengthen Primary Health Care through Tambon Health Promoting Hospitals (THPHs), and the Community-Based Health Empowerment Program through Community Participation and THPHs: A Context-Based Learning Approach. Department of Preventive and Social Medicine, Faculty of Medicine, Chulalongkorn University; Funded by the Thai Health Promotion Foundation (ThaiHealth), 2013.
- Lertpitakpong C. Evaluation of Chulalongkorn University's Health Promoting University Project – Phase I. Funded by the Thai Health Promotion Foundation, 2012.
- Reducing HIV/AIDS among young adolescents using life skills and risk/protective factor approaches in counseling and related settings, funded by Thai MOPH – U.S. CDC Collaboration (TUC), 2006  
Review of adolescent sexual behavior, life skills promotion, and counseling services, sponsored by Thai MOPH – U.S. CDC Collaboration (TUC), 2005

## **PROFESSIONAL PRESENTATIONS**

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### **Oral presentation**

- Transformational Leadership in Thailand's Primary Health System, presented at the 10th Anniversary of the ASEAN University Network–Health Promotion Network (AUN-HPN) and the 1st AIHD International Forum, 4 December 2024, Thailand.
- Economic Costs of Alcohol in Thailand, presented at the 6th National Conference on Substance Abuse, 15–17 June 2008, Thailand.
- Cost of Productivity Loss Due to Premature Death in Thailand, presented at the International Society of Pharmacoeconomics and Outcomes Research (ISPOR), 13 May 2008, Thailand.
- Assessing the Enforcement of the Policy on Limiting Alcohol Accessibility and Alcohol Purchasing, presented at the Australasian Professional Society on Alcohol and Other Drugs Conference, 24 November 2008, Sydney, Australia.
- Cost of Productivity Loss Due to Premature Death in Thailand, presented at the ISPOR 3rd Asia-Pacific Conference, 9 September 2008, Seoul, South Korea.
- Assessing the Enforcement of the Policy on Limiting Alcohol Accessibility and Alcohol Purchasing, presented at the 3rd National Alcohol Conference “Alcohol: No Ordinary Commodity”, 22 November 2007, Thailand.

- A Determination of Topics for Health Technology Assessment in Thailand: Making Decision-Makers Involved, presented at the International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Seminar on Emerging Roles of Pharmacoeconomics in Decision Making in Thailand, 12 October 2007, Thailand.
- The Economic Costs of Alcohol in Thailand, presented at the Seminar on the Alcohol Industry and the Impact of Alcohol Consumption in Thailand, organized by the Network of Committee on Public Participation Group, the National Legislative Assembly, and the Stop Drinking Network, 2007, Thailand.

## TRAINING EXPERIENCE

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- Professional Researcher Empowerment Program (PREP), Batch 12, organized by the Research Management and Development Division, Mahidol University, 2025
- Systematic Review and Meta-Analysis Workshop, organized by the Faculty of Graduate Studies, Mahidol University; held at the Institute for Population and Social Research, 2024
- Advance Education Training – MUPSF Level 3–4, Mahidol University, 2025
- Educational Research Workshop, focusing on ethics, academic publication, and grant development; organized by Mahidol University, 2024
- Design for Wellness Home and Elderly Wellness Business: Strategies and Management NBI Wellness Leadership Program, Kompas Campus, 2024
- Seminar on Legal Measures to Address PM2.5 Pollution under the Public Health Law Department of Health, Ministry of Public Health, 2023
- Workshop on Mental Health First Aid and Behavior Observation for Students Organized by the Faculty of Public Health, Mahidol University, 2022
- Workshop on Academic Communication and Curriculum Innovation for Lecturers Organized by Mahidol University, 2022
- Economic Evaluation Training (Basic and Advanced), Health Intervention and Technology Assessment Program (HITAP), Thailand, 2021
- Economic Evaluation Training (Basic and Advanced), Health Intervention and Technology Assessment Program (HITAP), Thailand
- Symposium on Reducing Harm from Alcohol Use in the Community, World Health Organization (WHO), Bali, Indonesia
- Long-distance E-learning Course on R Programming, Epidemiology Unit, Department of Medicine, Prince of Songkhla University, Thailand
- Specialized Short Courses at HITAP, including:  
Medical Terminology, EndNote and Outlook, Outcome Assessment, Systematic Review,

Health Equity, Willingness to Pay (WTP), Policy Analysis, STATA, Economic Evaluation, Qualitative Research, and Cost–Benefit Analysis

- Short Course in Qualitative Research, Society and Health Institute, Thailand
- Regional Life Skills (Psychosocial Competencies) Workshop for Behavior Development and Change, organized by UNICEF
- Inter-country Training for Trainers on Voluntary Counseling and Testing (VCT) for HIV/AIDS – Part I, World Health Organization (WHO)