



ORAPIN LAOSEE

อรพินท์ เล่าชัย

Phone: 662 411 9040-3 Ext. 63

Email: orapin.lao@mahidol.ac.th

PROFESSIONAL APPOINTMENT

Associate Professor

Present

ASEAN Institute for Health Development, Mahidol University (Thailand)

EDUCATION

Ph.D. (Public Health)

2011

College of Public Health Sciences, Chulalongkorn University, Bangkok, Thailand

Diploma on Research and Development of Products to Meet Public Health Needs

2006

Nagasaki University, Japan

M.P.H.

2002

College of Public Health, Chulalongkorn University, Bangkok, Thailand

M.Sc. (Public Health)

1999

Faculty of Public Health, Mahidol University, Bangkok, Thailand

B.Ns.

1995

Faculty of Nursing, Mahidol University, Bangkok, Thailand

EXPERTISE / AREAS OF RESEARCH INTEREST

- Injury prevention
- Child injury
- Epidemiology study
- Health system research

WORKING & RESEARCH EXPERIENCE

ASEAN Institute for Health Development, Mahidol University

2011 - present

Instructor

Western Institutional Review Board, Olympia, WA

2005 - present

Board Member

Research Ethic Committee (Social Science), Mahidol University

2017 - present

Board Member

College of Public Health Sciences, Chulalongkorn University, Bangkok, Thailand Researcher	2007 - 2008
Institute of Health Research, Chulalongkorn University, Bangkok, Thailand Researcher	2004 - 2007
College of Public Health, Chulalongkorn University, Bangkok, Thailand Research Assistant	1999 - 2003
Ear Nose and Throat Operating Department, Siriraj Hospital, Mahidol University, Bangkok, Thailand Staff Nurse	1995 - 1997

PUBLICATIONS LIST

- Uemura M, Laosee O, Rattanapan C, Janmaimool P. A causal relationship model of urban environmental factors affecting the subjective well-being of Japanese immigrant workers in Thailand. *City and Environment Interactions*. 2025;28.
- Thapa S, Toyoda Y, Laosee O, Janmaimool P, Buadit T, Noisangiam N, et al. Factors associated with household flood preparedness in Songkhla old town Thailand. *Progress in Disaster Science*. 2025;26.
- Ounsaneha W, Laosee O, Janmaimool P, Suksaroj T, Rattanapan C. Effective COVID-19 preventive measures for Thai residents in environmental risk areas and significant determinants of self-preventive behaviors. *Global Transitions*. 2025;7:118-27.
- Bhatta J, Laosee O, Janmaimool P, Strezov V, Rattanapan C. Spatiotemporal analysis of particulate matter (PM10 and PM2.5) and health risks in Thailand's urban core. *Chemosphere*. 2025;388.
- Adhikari S, Thapa S, Rattanapan C, Laosee O, Sriram S, Bhatta J. Evaluating the impact of self-management interventions on COPD outcomes in low- and middle-income countries in Asia: a systematic review. *Health and Quality of Life Outcomes*. 2025;23(1).
- Adhikari S, Suksaroj T, Laosee O, Rattanapan C, Janmaimool P. Enhancing willingness and enrollment in the national health insurance program in Madhesh Province, Nepal. *International Journal of Health Governance*. 2025;30(1):89-104.
- Pant A, Suksaroj T, Janmaimool P, Laosee O, Ratannapan C, editors. RESILIENCE CAPACITY OF PRE-HOSPITAL EMERGENCY MEDICAL SERVICE (EMS) PROVIDERS AND THE FUTURE AGENDA FOR SUSTAINABLE DEVELOPMENT OF A RESILIENT EMS SYSTEM IN THAILAND. *Asia Pacific Journal of Health Management*; 2024.
- Ounsaneha W, Laosee O, Rattanapan C. Influence of Environmental Risk Exposure on the Determinants of COVID-19 Booster Vaccination in an Urban Thai Population. *International Journal of Environmental Research and Public Health*. 2024;21(6).
- Laosee O, Sritoomma N, Rattanapan C, Wamontree P. Effect of Fitness-To-Drive and Metacognition on Road Traffic Injury Among Older Taxi Drivers: Hierarchical Modeling. *Journal of Applied Gerontology*. 2024;43(10):1493-502.
- Bhatta J, Laosee O, Rattanapan C. Factors related to preventive measures towards PM2.5 exposure: A systematic review. *Global Transitions*. 2024;6:212-20.

- Ounsaneha W, Laosee O, Suksaroj T, Rattanapan C. Preventive Behaviors and Influencing Factors among Thai Residents in Endemic Areas during the Highest Epidemic Peak of the COVID-19 Outbreak. *International Journal of Environmental Research and Public Health*. 2023;20(3).
- Ounsaneha W, Laosee O, Suksaroj T, Rattanapan C. Combined Impact of Omicron Vaccination and Environmental Risk Exposure: A Thailand Case Study. *Vaccines*. 2023;11(2).
- Laosee O, Rattanapan C, Janmaimool P. Assessing the Determinants of Compliance with Contribution Payments to the National Health Insurance Scheme among Informal Workers in Indonesia †. *International Journal of Environmental Research and Public Health*. 2023;20(23).
- Tanglai W, Chen CF, Rattanapan C, Laosee O. The Effects of Personality and Attitude on Risky Driving Behavior Among Public van Drivers: Hierarchical Modeling. *Safety and Health at Work*. 2022;13(2):187-91.
- Ounsaneha W, Parunawin W, Laosee O, Isoda N, Rattanapan C. Household Environmental Practice for Prevent and Control Dengue Fever toward One Health Framework in an Endemic Area of Central Region, Thailand. *EnvironmentAsia*. 2022;15(2):34-44.
- Lin SM, Rattanapan C, Mongkolchati A, Aung MN, Ounsaneha W, Sritoomma N, et al. COVID-19 vaccine hesitancy among undergraduate students in Thailand during the peak of the third wave of the coronavirus pandemic in 2021. *Epidemiologic Methods*. 2022;11(S1).
- Laosee O, Sritoomma N, Wamontree P, Rattanapan C, Tansuwanond W, Sitthi-Amorn C. OLDER ADULTS WITH CHRONIC LOW BACK PAIN: FUNCTIONAL DISABILITY AND QUALITY OF LIFE. 2022. p. 105-16.
- Htun NN, Laosee O, Rattanapan C. Factors that influence menstrual hygiene management in adolescent girls in Mudon Township, Mon State, Myanmar. *Journal of Health Science and Medical Research*. 2021;39(3):207-17.
- Thin PP, Mongkolchati A, Laosee O. Delays in diagnosis and treatment among persons with new pulmonary tuberculosis in Mandalay District, Central Myanmar. *Journal of Public Health and Development*. 2020;18(1):9-19.
- Ounsaneha W, Laosee O, Suksaroj T, Srisamai P, Rattanapan C. Tourist behavior of plastic waste reduction in the coastal area of Trang Province, Thailand. *International Journal of Environmental Science and Development*. 2020;11(4):165-9.
- Laosee O, Sritoomma N, Wamontree P, Rattanapan C, Tansuwanond W, Sitthi-Amorn C. Functional disability and quality of life in older adults with chronic low back pain. *Journal of Pain Management*. 2020;13(2):141-7.
- Laosee O, Sritoomma N, Wamontree P, Rattanapan C, Sitthi-Amorn C. The effectiveness of traditional Thai massage versus massage with herbal compress among elderly patients with low back pain: A randomised controlled trial. *Complementary Therapies in Medicine*. 2020;48.
- Wongchalee S, Laosee O, Somrongthong R. A content analysis of original research articles on public health published in an international journal: The case study of Thailand. *Indian Journal of Public Health Research and Development*. 2019;10(1):606-11.
- Tun MMM, Mongkolchati A, Aung MN, Aung MY, Laosee O. Determinants of quality of life among people living with HIV in the hilly region of Myanmar. *Journal of HIV/AIDS and Social Services*. 2019;18(4):367-81.

- Laosee O, Somrngthong R. Swimming skill development among rural children under limited infrastructure: The stakeholders' perspectives. *Indian Journal of Public Health Research and Development*. 2019;10(3):311-5.
- Soe AK, Rattanapan C, Wongsawass S, Laosee O. Use of insecticide-treated nets among pig owners living in Japanese encephalitis endemic areas of northern Myanmar. *International Journal of GEOMATE*. 2018;15(50):45-50.
- Pengpid S, Peltzer K, Laosee O, Suthisukon K. Intimate partner sexual violence and risk for femicide, suicidality and substance use among women in antenatal care and general out-patients in Thailand. *BMC Women's Health*. 2018;18(1).
- Ounsaneha W, Chotklang N, Laosee O, Rattanapan C. Predictors of behavior intention to develop a green university: A case of an undergraduate university in Thailand. *International Journal of GEOMATE*. 2018;15(49):162-8.
- Laosee O, Rattanapan C, Somrngthong R. Physical and cognitive functions affecting road traffic injuries among senior drivers. *Archives of Gerontology and Geriatrics*. 2018;78:160-4.
- Lwin PM, Rattanapan C, Laosee O. Nurses' intention to remain employed in hospitals: Understanding the shortage in the context of Myanmar. *International Journal of Nursing Practice*. 2017;23(4).
- Htut NL, Wongsawass S, Mongkolchati A, Laosee O. Delay in seeking treatment among adults with malaria experience in Shan State, Myanmar. *Walailak Journal of Science and Technology*. 2017;14(8):655-62.
- Waseela M, Laosee O. Determinants of road traffic injury among adult motorcyclists in Malé, Maldives. *Asia-Pacific Journal of Public Health*. 2015;27(3):277-85.
- Soe KT, Laosee O, Limsatchapanich S, Rattanapan C. Prevalence and risk factors of musculoskeletal disorders among Myanmar migrant workers in Thai seafood industries. *International Journal of Occupational Safety and Ergonomics*. 2015;21(4):539-46.
- Bigwanto M, Mongkolcharti A, Peltzer K, Laosee O. Determinants of cigarette smoking among school adolescents on the island of Java, Indonesia. *International Journal of Adolescent Medicine and Health*. 2015;2015.
- Laosee O, Khiewyoo J, Somrngthong R. Drowning risk perceptions among rural guardians of Thailand: A community-based household survey. *Journal of Child Health Care*. 2014;18(2):168-77.
- Somrngthong R, Wongchalee S, Laosee O. Depression among adolescents: A study in a Bangkok slum community. *Scandinavian Journal of Caring Sciences*. 2013;27(2):327-34.
- Somrngthong R, Beaudoin A, Bender J, Sasipreeyajan J, Laosee O, Pakinsee S, et al. Use of Personal Protective Measures by Thai Households in Areas with Avian Influenza Outbreaks. *Zoonoses and Public Health*. 2012;59(5):339-46.
- Laosee O, Gilchrist J, Rudd RA. Drowning - United States, 2005-2009. *Morbidity and Mortality Weekly Report*. 2012;61(19):344-7.

RESEARCH GRANTS / FELLOWSHIPS

The Royal Golden Jubilee Ph.D. Program Thailand Research Fund. Advisor: Prof. Chitr Sitthi-amorn, MD., MSc., Ph.D.	2009 - 2011
National Center for Injury Prevention and Control, Centers for Disease Control and Prevention (CDC), Atlanta, GA.	2010
Western Institutional Review Board (WIRB), six months training on research ethics committee. Olympia, WA.	2005
Critical success factors to enhance optimizing adaption in mid-life adults for healthy aging in place through brain health development Funder: Thailand Science Research and Innovation	2023 - 2025
Factor contributing the best practices of Village Health Volunteers under Astana declaration Funder: Health System Research Institute	2021 - 2023
Assessment tools predicting fitness-to-drive in the old taxi drivers: screening measure for future road safety directions Funder: Mitsui Sumitomo Insurance Welfare Foundation	2021
Cost effectiveness of selected complementary and alternative medicine therapies in older adults with chronic low back pain Funder: Thailand Research Fund	2018 - 2020
The role of physical and cognitive functioning as predictors in crash involvement among older drivers: an assessment of the traffic injury to enhance sustainable prevention Funder: Mitsui Sumitomo Insurance Welfare Foundation	2016
An effectiveness of community empowerment to enhance road safety Funder: National Research Council of Thailand	2006 - 2007
Swim safe program Funder: Thai Health Promotion Foundation	2005