Mahidol University
Faculty of Public Health
Department of Public Health Administration

SUPHAWADEE PANTHUMAS

CURRENT POSITION Assistant Professor Dr.
DEPARTMENT OF PUBLIC HEALTH ADMINISTRATION
FACULTY OF PUBLIC HEALTH, MAHIDOL UNIVERSITY
Tel: (66)2-354-8543-9 ext. 7104 Fax: (66)2-644-8833 ext. 193
E-mail: suphawadee.pat@mahidol.ac.th

EDUCATION

Degree	Major	University/Country
Doctor of Public Health (International Program) (Dr.P.H.)	-	Mahidol University
Master of Science (Public Health) M.Sc. (Public Health)	Family Health	Mahidol University
Bachelor of Nursing Science (B.N.S.)	-	Mahidol University

WORK EXPERIENCE

- 2005–2011 Registered Nurse, Pediatric Intensive Care Unit (PICU)
  Faculty of Medicine Ramathibodi Hospital, Mahidol University
- 2012–2018 Assistant Lecturer, Bachelor of Public Health Program,
  Amnatcharoen Campus, Mahidol University
- 2019–2024 Lecturer, Bachelor of Public Health Program,
  Amnatcharoen Campus, Mahidol University
- 2024–2026 Lecturer, Department of Family Health
  Faculty of Public Health, Mahidol University
- 2026–Present Lecturer, Department of Public Health Administration
  Faculty of Public Health, Mahidol University

RESEARCH INTERESTS OR EXPERTISE

- Family and Community Health Management
- Health Service System Development, Health Policy, and Health Innovation
- Health Promotion and Mental Well-being at the Individual, Family, Community, and Health System Levels
- Public Health Workforce and Competency Development (21st-Century Skills and Design Thinking)
- Quantitative Research, Instrument Development and Validation, and Health and Health System Evaluation

PUBLICATIONS/RESEARCH

- **Panthumas S,** Chuastapanasiri T, Suntara W, Kittipichai W. Design thinking in home-visit education among undergraduate public health students in Thailand. Thai Journal of Public Health. 2026;56(2):2255-74.
- **Panthumas S**, Chuastapanasiri T, Suntara W, Kittipichai W. Design thinking for fostering 21st-century skills among Thai public health undergraduates: a design-based research approach. Thai Journal of Public Health. 2026;56(2):2170-90.
- Suhala Ashraf Zeba, Haque M, Alam MA, Al-Maqableh HO, Saha S, **Punthumus S**, et al. Hypertension prevention behavior and its predictors among rural adults in Bangladesh: a community survey using the theory of planned behavior. Journal of public health and development. 2026 May;24(2):117-28. https://doi:10.55131/jphd/2026/240208
- Suntara W, Tian X, Saouy M, **Panthumas S**, Thongchalerm S, Chansiri N. Stances in Research Article Abstracts: An Analysis of Abstracts in Literary Journals. Journal of Studies in the English Language. 2026 Apr;21(1):113-36. https://doi.org/10.64731/jsel.v21i1.287235
- **Panthumas S**, Zaw K, Kittipichai W. The 21st-century skills among public health undergraduate students in autonomous universities in Thailand after the COVID-19 pandemic. Journal of public health and development. 2025 Sep–Dec;23(3):201-11. https://doi:10.55131/jphd/2025/230316
- Kittipichai W, **Panthumas S**, Boontanon N. Opportunities and challenges for post-prison women employed as caregivers for the elderly in Thailand. Journal of public health and development 2025; 23(1): 1-13. https://doi.org/10.55131/jphd/2025/230109

- **Panthumas S**, Zaw K, Kittipichai W. Validation of the 21st Century Skills Assessment Scale for public health students in Thailand: a methodological study. J Educ Eval Health Prof 2024; 21: 37. https://doi.org/10.3352/jeehp.2024.21.37
- Haque MN, Alam MA, Saha S, **Panthumas S**, Clara AA, Sharif MPI. Vaccine adherence and behavioral changes of adults regarding prevention of COVID-19: A community survey using the theory of planned behavior. Journal of Population and Social Studies 2024; 32: 160-69. http://doi.org/10.25133/JPSSv322024.010
- Alam MA, Haque N, Saha S, Farheen F, **Panthumas S**, Zuenkova JA. Structural equation modeling for explaining preventive health practices of rural adults in the new normal context of COVID-19 pandemic. Journal of Public Health and Development 2023; 21(2): 112-25. https://doi.org/10.55131/jphd/2023/210210
- Alam MA, Saha S, **Panthumas S**. Regional variation in preventive health practices of rural adults of Bangladesh regarding COVID-19 prevention during the pandemic crisis. Journal of Population and Social Studies 2022; 30: 866-76. http://doi.org/10.25133/JPSSv302022.048
- **Panthumas S**, Kittipichai W, Chamroonsawasdi K. Taechaboonsermsak P. Antecedent factors of maternal identity among primiparous Thai teenage mothers. J Health Res 2019; 33(4): 336-48. https://doi.org/10.1108/JHR-09-2018-0109
- **Panthumas S**, Kittipichai W. Validation of the maternal identity scale for primiparous Thai teenage mothers. Asian Nurs Res 2019; 13(1): 69-75. https://doi.org/10.1016/j.anr.2019.01.007
- **Panthumas S**, Kittipichai W, Pitikultang S, Chamroonsawasdi K. Self-care behaviors among Thai primigravida teenagers. Glob J Health Sci 2012; 4(3): 139-47. https://doi.org/10.5539/gjhs.v4n3p139

PROFESSIONAL PRESENTATIONS

- Alam MA, Haque MN, Saha S, Clara AA, **Panthumas S**, Farheen F. Gender disparity in behavioral changes of adults in the new normal during COVID-19 pandemic in rural Bangladesh: explanation through mixed method approach. The 21st international conference of public health sciences post COVID-19 pandemic: Public health challenges and solutions towards sustainable health and well-being. Oct 4, 2021.
- Alam MA, **Panthumas S**, Saha S, Clara AA. COVID-19 vaccine adherence and behavioral changes of community people in the new normal context of the coronavirus pandemic. The 22nd international conference of public health sciences “public health and

public health sciences: The challenges of changing Era" (a virtual conference). 4th October 2022.

AWARDS & SCHOLARSHIP

- 2019 Outstanding Award for Poster Presentation, Mahidol University Quality Fair 2019, for the project *"Development of a Teaching Model for the New Generation through Learning by Playing Activities."*
- 2020 Co-Investigator, Project on *"Development of Occupational Skills for Elderly Caregivers among Inmates"*, Faculty of Public Health, Mahidol University, funded by the Ministry of Justice, Thailand.
- 2021 Outstanding Personnel Award for Academic Service, Amnatcharoen Campus, Mahidol University.
- 2021 Best Practice Award, Amnatcharoen Campus, Mahidol University.
- 2021 Innovative Teaching Award, Mahidol University Quality Fair 2021.
- 2022 Best Practice Award in Innovative Teaching, Mahidol University.
- 2022 Winner, Public Policy Advocacy Award, Amnatcharoen Campus, Mahidol University.
- 2022 Best Practice Award, Amnatcharoen Campus, Mahidol University.
- 2023 Mahidol University Professional Standards Framework (MUPSF), Level 2, certified in teaching and learning quality.
- 2023 Completed the Professional Development Workshop for Academic Faculty Preparing for Undergraduate and Bachelor's Degree Curriculum Review Committees, Cohort 2, Division of Education, Mahidol University.
- 2023 Completed the Professional Research Empowerment Program (PREP #4), Division of Research Management and Development, Mahidol University.
- 2023 Student Favorite Lecturer Award, Bachelor of Public Health Program, Amnatcharoen Campus, Mahidol University.
- 2023 Principal Investigator, research project entitled *"Development of a Design Thinking–Based Learning Innovation to Enhance 21st-Century Skills among Bachelor of Public Health Students during the COVID-19 Pandemic,"* funded by Mahidol University Amnatcharoen Campus for Fiscal Year 2023.

- 2024 Award for Publication in a Q1 Top 10 International Journal, First Author.
- 2026 Mahidol University Professional Standards Framework (MUPSF), Level 3, certified in teaching and learning quality.
- 2026 Food Security and Nutritional Status among the Elderly in Phatthalung Province (Research Grant from Thaksin University under the Fundamental Fund, Fiscal Year 2026) (Co-author)

COMMITTEE MEMBER

- 2019–2024 Committee Member, Bachelor of Public Health Program Management Committee, Amnatcharoen Campus, Mahidol University.
- 2021–2022 Vice Chair, Knowledge Management Committee, Amnatcharoen Campus, Mahidol University.
- 2022–2024 Director, Family Wellness Center, Academic Service Group, Amnatcharoen Campus, Mahidol University.
- 2022–2024 Committee Member, Mahidol University Alumni Engagement Committee, Mahidol University.
- 2023–2024 Vice Chair, Academic Service Committee, Amnatcharoen Campus, Mahidol University.
- 2024 Vice Chair, Student Affairs Committee, Amnatcharoen Campus, Mahidol University.
- 2024 Committee Member, Administrative Committee, Amnatcharoen Campus, Mahidol University.
- 2024 Expert Subcommittee Member, Child Protection Fund Administrative Committee, Amnat Charoen Province.
- 2024 Committee Member, Student Well-being Care and Development Committee, Mahidol University.
- 2024–Present Committee Member, Student Affairs Committee, Faculty of Public Health, Mahidol University.
- 2025–Present Program Committee Member, Master of Science Program in Public Health (Regular and Special Programs), Faculty of Public Health, Mahidol University.

- 2026–Present Committee Member, Teaching and Learning Quality Development and Evaluation Committee, Faculty of Public Health, Mahidol University.