

**Patama Vapattanawong, PhD**  
Institute for Population and Social Research  
Mahidol University, Thailand  
+66-2441 0201 to 4 ext. 510  
patama.vap@mahidol.ac.th

## **EDUCATION**

	<b>Degree</b>	<b>Year</b>	<b>Field</b>
Mahidol University	BSc.	1983	Nursing and Midwifery
Chulalongkorn University	MSc.	1993	Community Medicine
Mahidol University	PhD.	2002	Demography

## **EMPLOYMENT HISTORY**

2015 – Present	Professor, Institute for Population and Social Research
2010 – 2015	Associate Professor, Institute for Population and Social Research
2005 – 2010	Assistant Professor, Institute for Population and Social Research Mahidol University, Salaya, Nakhon Pathom, Thailand
2003 – 2005	Lecturer, Institute for Population and Social Research, Mahidol University, Salaya, Nakhon Pathom, Thailand
2002 – 2003	Public Health Academe 6 at Health Information Group, Bureau of Health Policy and Strategy, Ministry of Public Health, Thailand
1992 – 2002	Public Health Academe 6 at Sungai Kolok Hospital, Narathiwat Province, Thailand
1987 – 1992	Registered Nurse at Wang Hospital, Narathiwat Province, Thailand
1983 – 1987	Registered Nurse at Siriraj Hospital, Bangkok, Thailand

## **TEACHING EXPERIENCE**

2003 – Present	7 PhD courses (international programs): 1) PRDE 662: Indirect Technique for Demographic Estimation 2) PRDE 676: Advances Demographic Projection 3) PRDE 682: Advanced Analysis Techniques in Demography 4) PRDE 686: Advanced Mortality 5) PRDE 690: Population and Social Determinants of Health 6) PRDS 702: Demographic Materials and Methods 7) ADHS 704: Doctoral Seminar in Health and Sustainability 1 PhD course (Thai program): 1) PRPR 721: Morbidity, Burden of Diseases and Mortality 7 MA courses (both Thai and international programs):
----------------	--

- 1) PRPR 550/ PRPS 500: Substantive Demography
- 2) PRPR 554/ PRRH 554/ PRPS 555: Technique of Demographic Analysis
- 3) PRPR 565/ PRRH 565: Statistics and Computer in Social Sciences I
- 4) PRPR 566: Statistics and Computer in Social Sciences II
- 5) PRPR 586: Data Management and Survey Data Analysis for Social Science Research
- 6) PRPS 640: Data Management for Quantitative Research
- 7) PHST 605: Population, Health and Community Health Services Development

## **PROGRAM COMMITTEE**

- 1) International Ph.D. Program in Demography
- 2) International Ph.D. Program in Health and Sustainable Development

## **RESEARCH EXPERIENCE**

- |                |   |
|----------------|---|
| 2024 – Present | Co-investigator in the project entitled “Studying the inequalities of the burden of caregivers for older people in Thailand”, funding supported by Mahidol University (Strategic Research Fund)   |
| 2023 – Present | The Academic Working Group Develops Methods for Estimating the LGBTQ+ Population of the research project entitled “Size Estimation of LGBTQ+ Populations and LGBTQ+’s Life and Health”, funding supported by Thai Health Promotion Foundation (ThaiHealth)  |
| 2023 – Present | Country investigator in the international collaborative research project entitled “Analyses and Projections of Households and Living Arrangements in Six ASEAN countries (HOUSEHOLD-ASEAN)”, supported by the Singapore Ministry of Education   |
| 2022 – Present | Country investigator in the international collaborative research project entitled “Innovative research on probabilistic projections of households, living arrangements, older adults care needs and age-friendly housing demands in China and other eight developing countries”, supported by the National Natural Science Foundation of China (NSFC) |
| 2022           | Co-investigator in the project entitled “Estimate number of children orphaned from COVID-19 in Thailand: maximize use of Civil Registration database for policies”  |
| 2021 – 2022    | Co-investigator in the project entitled “Children’s, elder caretakers’ well-being, and parental migration in the context of the three southernmost provinces”, supported by Mahidol University (Basic Research Fund)  |

2020 – 2022	Co-investigator in the project entitled “The long-term impact of diverse parental migration experiences on transition to adolescent: A case study of Thailand”, supported by National Research Council of Thailand (NRCT)
2018 – 2019	Researcher in the project entitled “The Revision of Population Projections of Thailand 2010 – 2040”, supported by the Office of the National Economic and Social Development Board (NESDB)
2017	Population consultant for the BMA city planning (4 <sup>th</sup> revision) operated by the Chotichinda Consultant Limited
2015 – 2016	Investigator in the project entitled “The Study of Centenarian in Thailand”, supported by the Thailand Research Fund (TRF)
2015 – 2016	Principal investigator in the project entitled “The Study on Manpower Situation and Changes in Thailand”, supported by Thailand Professional Qualification Institute
2015	Principal investigator in the project entitled “Long Term Follow-up the Survivorship of Live Births Born among Younger Than and Older Than 20 Years Old Women”, supported by Institute for Population and Social Research, Mahidol University
2014 – 2015	An advisor in the Connecting the Mekhong through Education and Training (COMET) Project, a collaborative research between Institute for Population and Social Research (IPSR) and Education Development Center (EDC), USA; supported by USAID
2014 – 2015	Co-investigator in the project entitled “Population Size Estimation Analysis of Migrant Workers in Thailand”, supported by Raks Thai Foundation
2012 – 2013	The working group of developing “Demopaedia-Multilingual Demographic Dictionary, second unified edition, Thai”, supported by UNFPA Thailand
2012 – 2013	Researcher in the project entitled “Pact Thailand, Global Fund Round 10, CHILDLIFE External Support and Child Well-Being Survey”, supported by Pact Thailand.
2011 – 2012	Researcher in the project entitled “Academic Support for the Survey of Children and Women Situation in Thailand, 2010”, supported by UNICEF Thailand
2011 – 2013	Co-PI in the project entitled “The Study of Policy Impacts on Country Development from the Results of Population Projections of Thailand”, supported by the Office of the National Economic and Social Development Board (NESDB)

- 2011 – 2013      Researcher in the project entitled “Demographic, Socioeconomic, Cultural, Surveillance and Long Term Care for the Well-being of Thai Older Persons” under the project “National Research Universities”, supported by the Office of the Higher Education Commission, Ministry of Education
- 2010 – 2012      Researcher in the project entitled “Children Living Apart from Parents Due to Internal Migration”, supported by UNICEF Thailand
- 2009 – 2012      Researcher in the project entitled “The Study of Population and Family Changes: Impacts on Thai Society and Policy Implications”, by Institute for Population and Social Research, supported by Mahidol University
- 2008              Researcher in the project entitled “MICS3 Evaluation” by John Snow, Inc. (JSI), supported by UNICEF
- 2007 – 2010      Researcher in the project entitled “Child Health and Migrant Parents in Southeast Asia (CHAMPSEA)”, by Asia Research Institute, NUS, supported by the Wellcome Trust of United Kingdom
- 2007 – 2008      Researcher in the project entitled “Mortality of Thai Elderly: Prospective Study”, supported by the Thai Population Health Survey Office, Health System Research Institute, Ministry of Public Health, Thailand
- 2007              Co-PI in the project entitled “Evaluation on Integrated Administration in Emphatic community” by Institute for Population and Social Research, Mahidol University, supported by National Housing Authority, Thailand
- 2006              Researcher in the project entitled “Study on Civil Servants’ Structure for Government Manpower Planning in the Future” by Institute for Population and Social Research, Mahidol University, supported by Officer of the Civil Service Commission, Thailand
- 2003 – 2007      Researcher in the project entitled “Integrated Multidimensional Database in Information System of Baseline Data for Development (ISBDD)”, Thachin-Mae Klong Watershed Integrated Research Network, supported by Mahidol University
- 2003 – 2006      Researcher in the project entitled “Burden of Disease and Cost-effectiveness of Intervention Options: Informing Policy Choices and Health System Reform in Thailand”, supported by the Wellcome Trust of the United Kingdom, the National Health and Medical Research Council of Australia and the Health Research Council of New Zealand
- 2003 – 2006      Researcher in the project entitled “Development of Verbal Autopsy as a Tool to Identify Causes of Death”, supported by Institute for Population and Social Research, Mahidol University

- 2001 – 2003      Researcher in the “Health Status Indicators of Thai Population Project”, supported by Health Systems Research Institute
- 2002              Working group of Population Projections for Thailand, 2000 – 2025, supported by Health Systems Research Institute
- 1999              Working group of Thailand Population Projections, 1999 – 2016, conducted by the Office of National Education Commission
- 1999              Researcher in the Analysis of Population Ageing in Thailand Projected, supported by the Institute for Population and Social Research, Mahidol University

## PUBLICATIONS

- Tangcharoensathien, V., Iamsirithaworn, S., Rittirong, J., Techanimitvat, S., **Vapattanawong, P.**, Apiratipany, L., Chanthama, T., and Rueangsom, P. “Children orphaned from COVID-19 in Thailand: maximize use of civil registration database for policies”, *Frontiers in Public Health*, 2023: 11:1260069. <https://doi.org/10.3389/fpubh.2023.1260069>
- Phetsitong, R., **Vapattanawong, P.**, Mayston, R., Prince, M., and Chua, K.C. “In caring for older people in low- and middle-income countries, do older caregivers have a high level of care burden and psychological morbidity compared to younger caregivers?”, *International Journal of Environmental Research and Public Health*, 2022: Vol 19, 16405. <https://doi.org/10.3390/ijerph192416405>
- Phetsitong, R., and **Vapattanawong, P.** “Household need and unmet need for caregivers of older persons in Thailand”, *Journal of Aging & Social Policy*, 2022. <https://doi.org/10.1080/08959420.2022.2132081>
- Phetsitong, R., and **Vapattanawong, P.** “Reducing the physical burden of older persons’ household caregivers: The effect of household handrail provision”, *International Journal of Environmental Research and Public Health*, 2022: Vol 19(4), 2272. <https://doi.org/10.3390/ijerph19042272>.
- Sakhunthaksin, P., and **Vapattanawong, P.** “Suicidal thoughts and attempting of secondary school students in Thailand”, *KKU Research Journal (Graduate Studies) Humanities and Social Sciences*, 2021: Vol 9(3): pp. 108-119. (in Thai)
- Widyastari, DA., Isarabhakdi, P., **Vapattanawong, P.** and Völker, M. “Marital dissolution in postmodern Java, Indonesia: Does early marriage increase the likelihood to divorce?”, *Journal of Divorce and Remarriage*, 2020: Vol 61(3): pp. 1-18. doi:10.1080/10502556.2020.1799308.
- Phetsitong, R., **Vapattanawong, P.**, Sunpuwan, M. and Völker, M. “State of household need for caregivers and determinants of psychological burden among caregivers of older people in Thailand: An analysis from national surveys on older persons”, *PLoS ONE*, 2019: Vol.14(12): e0226330. <https://doi.org/10.1371/journal.pone.0226330>.

- Penboon, B., Jampaklay, A., **Vapattanawong, P.** and Zimmer, Z. “Migration and absent fathers: Impacts on the mental health of left-behind family members in Thailand”, *Asian and Pacific Migration Journal*, 2019: Vol. 28(3): pp. 271-299.
- Auampradit, N., **Vapattanawong, P.**, Punpuing, S., Sunpuwan, M. and Jirapramukpitak, T. “A longitudinal study of changes in cognition among older Thais: Studying from the Kanchanaburi Demographic Surveillance System”, *Gerontology and Geriatric Medicine*, 2019: Vol. 5: pp. 1-10. doi:10.1177/2333721419862885.
- Widyastari, DA., Isarabhakdi, P., **Vapattanawong, P.** and Völker, M. “Rethinking early childbearing in Indonesia: Is it preceded by a premarital first birth?”, *International Journal of Adolescent Medicine and Health*, 2019: doi:10.1515/ijamh-2019-0055.
- Vapattanawong, P.** “The study of completeness of death registration from the database of patients under the Universal Coverage (UC) Scheme”, *Thai Population Journal*, 2017: Vol.5(1): pp. 5-21. (in Thai)
- Vapattanawong, P.** “*Pattern and trend of non-marital childbearing in Thailand during 2000 to 2015*”. In Thaweessit, S. and Vajanasara, K. (Editors). *Population and Social 2017: Sexual & Reproductive Autonomy and Justice: The Unfinished Challenges Population and social diversity in Thailand 2015* (page 123-140). 2017. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)
- Vapattanawong, P.**, Chamrathirong, A., Punpuing, S., Rhucharoenpornpanich, O. and Apnponnchaisakul, K. “Size and distribution of cross-border population from Myanmar, Cambodia, and Lao PDR in Thailand 2015: Estimation from multiple sources”, *Thai Population Journal*, 2016: Vol.4(2): pp. 5-21. (in Thai)
- Apinonkul, B., Soonthorndhada, K., **Vapattanawong, P.**, Jagger, C. and Aekplakorn, W. “Regional and gender differences in years with and without mobility limitation in the older population of Thailand”, *PLoS ONE*, 2016: Vol.11(5): e0153763. <https://doi:10.1371/journal.pone.0153763>.
- Win, T., **Vapattanawong, P.**, and Vong-ek, P. “Three delays related to maternal mortality in Myanmar: A case study from maternal death review, 2013”, *Journal of Health Research*, 2015: Vol.29 (3): pp.179-187. <http://www.jhealthres.org>
- Apinonkul, B., Soonthorndhada, K., **Vapattanawong, P.**, Aekplakorn, W. and Jagger, C. “Gender differences in health expectancies across the disablement process among older Thais”, *PLoS ONE*, 2015: Vol.10 (3): e0121310. <https://doi:10.1371/journal.pone.0121310>.
- Vapattanawong, P.** “*Foreigners in Thailand*”. In Jampaklay, A., Vapattanawong, P., and Tangchonlatip, K. (Editors). *Population and Social 2015: Population and social diversity in Thailand 2015* (page 185-202). 2015. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)
- Srivirojana, N., Punpuing, S., Robinson, C., Sciortino, R., and **Vapattanawong, P.** “Marginalization, morbidity and mortality: A case study of Myanmar migrants in

Ranong Province, Thailand”, *Journal of Population and Social Studies*, 2014: Vol.22 (1): pp.35-52. DOI 10.144456/jpss.2014.3

**Vapattanawong, P.** and Prasartkul, P. “*The situation of births during the past half century*”. In Vorasiriamorn, Y., Rittirong, J., Chaunwan, S., and Hunchangsith, P. (Editors). *Population and Social 2014* (page 3-22). 2014. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)

Jampaklay, A. and **Vapattanawong, P.** “The subjective well-being of children in transnational and non-migrant households: evidence from Thailand”, *Asian and Pacific Migration Journal*, 2013: Vol.22 (3): pp.377-400.

Adhikari, R., Jampaklay, A., Chamrathirong, A., Richter, K., Pattaravanich, U. and **Vapattanawong, P.** “The impact of parental migration on the mental health of children left behind”, *Journal of Immigrant Minority Health*, 2013; DOI 10.1007/s10903-013-9809-5

Prasartkul, P., **Vapattanawong, P.**, et alii. *Demopaedia: Multilingual demographic dictionary (unified second edition, Thai volume)*. 2013. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)

**Vapattanawong, P.**, Prasartkul, P. and Punpuing, S. (Editors). *The analysis of policy impacts on national development resulted from population projections for Thailand 2010-2040*. 2013. Bangkok: Office of the National Economic and Social Development Board. (in Thai)

Jampaklay, A., **Vapattanawong, P.** and Prasithima, Abdun A. 2012. *Child Health and Migration Parents in Southeast Asia (CHAMPSEA)-Thailand Report*. Nakhonpathom: Institute for Population and Social Research. IPSR Publication Number: 399.

Jampaklay, A., **Vapattanawong, P.**, Tangchonlatip, K., Richter, K., Ponpai, N. and Hayeeteh, C. 2012. *Children Living apart from Parents due to Internal Migration (CLAIM)*. Nakhonpathom: Institute for Population and Social Research. IPSR Publication Number: 397.

Chuanwan, S., Prasartkul, P., Chamrathirong, A., **Vapattanawong, P.**, and Hirschman, C. “Incompleteness of registration data on centenarians in Thailand”, *Journal of Population and Social Studies*, 2012: Vol.20 (2): pp. 38-54.

**Vapattanawong, P.** and Prasartkul, P. “Under-registration of deaths in Thailand in 2005-2006: results of cross-matching data from two sources”, *Bulletin of the World Health Organization*, 2011; Vol.89 (11): pp. 806 – 812.

Prasartkul, P., **Vapattanawong, P.** and Thongthai, V. 2011. “Fertility Transition and Its Impact” in Jones, G. and Im-em, W. (editors). *Impact of Demographic Change in Thailand*. Bangkok: UNFPA Country Office in Thailand.

Jiawiwatkul, U., Aekplakorn, W., **Vapattanawong, P.**, Prasartkul, P., and Porapakkhram, Y. “Changes in active life expectancy among older Thais: results from the 1997 and

2004 National Health Examination Surveys". *Asia-Pacific Journal of Public Health*, 2011; doi: 10.1177/1010539511409923

**Vapattanawong, P.** and Saplon, O. "Deaths outside residential area of Thais: study from death registration, 1996-2009". *Thai Population Journal*, 2011; Vol.3 (1): pp. 71-89. (in Thai)

Prasartkul, P. and **Vapattanawong, P.** "Transitional point of the Thai population". In Punpuing, S., and Sunpuwan, M. (Editors). *Population and Social 2011: Thailand's population in transition: A turning point for Thai society* (page 13-22). 2011. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)

**Vapattanawong, P.**, Aekplakorn, W., Rakchanyaban, U., Prasartkul, P., and Porapakkham, Y. "Obesity and mortality among older Thais: a four year follow up study", *BMC Public Health*, 2010; Vol.10: 604 doi: 10.1186/1471-2458-10-604.

Prasartkul, P. and **Vapattanawong, P.** "The mortality of Pra Nakhorn a century ago". *Thai Population Journal*, 2010; Vol.1 (2): pp. 73-90. (in Thai)

Prasartkul, P. and **Vapattanawong, P.** "Redefine aging by remaining life expectancy". In Thaweesit, S., and Boonyamanond, S. (Editors). *Population and Social 2010: Value of the elderly from the eyes of Thai society* (page 3-28). 2010. Nakhonpathom: Institute for Population and Social Research, Mahidol University. (in Thai)

Podhisita, C., Varangrat, A., Gray, G., **Vapattanawong, P.**, and Chuanvan, S. "Nuptiality Change in Thailand, 1960-2000: Implication for Future Fertility". *Songklanakarinn Journal of Social Sciences and Humanities*, 2009; Vol.15 (5) Sep.-Oct: pp.703-722.

**Vapattanawong, P.** "Provincial disparities of under-five mortality in Thailand". *Journal of Health Science*, 2009; Vol.18 (6): pp. 816 – 825. (in Thai)

**Vapattanawong, P.** and Prasartkul, P. "Current mortality patterns of Thai older persons". *Thai Population Journal*, 2009; Vol.1 (1): pp. 5-19. (in Thai)

Rakchanyaban, U., **Vapattanawong, P.**, Prasartkul, P., Porapakkham, Y., and Aekplakorn, W. "Disability and risk factors of disability among older Thais". *Ramathibodi Nursing Journal*, 2009; Vol.15 (1): pp.111-126. (in Thai)

**Vapattanawong, P.** "Mortality of under two children in Thailand". *Journal of Health Science*, 2008; Vol.17 (1): pp. 9 – 19. (in Thai)

**Vapattanawong, P.**, Rakchanyaban, U., Prasartkul, P., Porapakkham, Y., and Aekplakorn, W. "Demo-socioeconomic and Health Differential of Mortality among the Thai Elderly". *Journal of Health System Research*, 2008; Vol. 2(2): pp. 293 – 304. (in Thai)

**Vapattanawong, P.** "Consistency between Socioeconomic Status Indices Constructed by Principal Component Analysis and DiHOPIT Model". *NIDA Development Journal*, 2008; Vol. 48(3): pp. 125 – 140. (in Thai)



Sasiwongsaroj, K., Sethaput, C., **Vapattanawong, P.**, and Ford, K. Child mortality inequality between Thais and Hilltribes in Thailand: study from population and housing census 2000. *Journal of Population and Social Studies*, 2008; Vol.16 (2): pp. 143 – 164.

**Vapattanawong, P.**, Hogan, M.C., Hanvoravongchai, P., Gakidou, E., Vos, T., Lopez, A.D. And Lim, SS. “Reductions in Child Mortality Levels and Inequalities in Thailand: Analysis of Two Censuses”. *Lancet*, 2007; Vol. 369 March 30: pp. 850 – 855.

Hill, K., **Vapattanawong, P.**, Prasartkul, P., Porapakkham, Y., Lim, S.S., and Lopez, A.D. “Epidemiologic Transition Interrupted: Thailand 1980 – 2002.” *International Journal of Epidemiology*, 2007; Vol.36: pp. 374 – 384.

Prasartkul, P., Porapakkham, Y., **Vapattanawong, P.** and Rittirong, J. “Development of a Verbal Autopsy Tool for Investigating Cause of death: the Kanchanaburi Project”. *Journal of Population and Social Studies*, 2007; Vol.15 (2): pp. 1 – 22.

Prasartkul, P. and **Vapattanawong, P.** “The Completeness of Death Registration in Thailand: Evidence from Demographic Surveillance System of the Kanchanaburi Project.” *Journal of World Health and Population*, 2006 [Online].

Petcharoen, N., Prasartkul, P., Gray, R., and **Vapattanawong, P.** “Adult Mortality of Cardiovascular Disease by Socioeconomic Status in Thailand”. *Journal of Public Health and Development*, 2006; Vol.4: pp. 61 – 72.

Prasartkul, P., and **Vapattanawong, P.** “Aged Population of Thailand 1960 – 2020”. *Journal of Population and Social Studies*, 2004; Vol. 12(2): pp. 33 – 60.

**Vapattanawong, P.**, Prasartkul, P., Thongthai, V., and Guest, P. “Survival Differentials among the Thai Elderly, 1964 – 1996”. *Journal of Population and Social Studies*, 2002; Vol. 11(2): pp. 51 – 70.

Prasartkul, P., Varanrat, A., **Vapattanawong, P.**, and Kanchanakitsakul, M. “Age-Sex Structure of Aged Population in Thailand”. *Journal of Population and Social Studies*, 2000; Vol. 8, No. 2. pp. 1 – 16.

**Vapattanawong, P.** “*The Survival Curves of Thai Population: Have They Been Increasingly Rectangularized or not?*” The 2000 Thai National Symposium on Population Studies, 22 – 23 November 2000.