

## Curriculum Vitae

### Phayom Sookaneknun Olson, PharmD, PhD

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**Scopus** <https://www.scopus.com/authid/detail.uri?authorId=16640227100>

**Google scholar** <https://scholar.google.com/citations?hl=th&user=rCqd-TYAAAAJ>

### Education/training

2023-2024	One-year research experience in the Department of Pharmacy Systems, Outcomes and Policy, College of Pharmacy, University of Illinois Chicago [Sabbatical leave]
2021-2022	Training in Education Criteria for Performance Excellence (EdPEX)
2016	Tobacco Control Instructor Certificate by the Health Professional Alliance Against Tobacco (THPAAT)
2008-2023	Training in strategic and organizational planning
2001-2005	PhD in Pharmacy (International program), Chiang Mai University, Chiang Mai, Thailand with one-year research experience with Robert Gordon University, Scotland. (Thesis title: Evaluation of a Community Pharmacist's Contribution to Hypertensive Patient's Outcomes)
2001	Two-month training in pharmacy practice with University of Maryland, Baltimore, USA
2000	One-month training in community pharmacy with Robert Gordon University, Aberdeen Scotland.
1999-2001	Doctor of Pharmacy (PharmD), Mahasarakham University, Maha Sarakham, Thailand
1990-1995	Bachelor of Pharmaceutical Science, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand

### Academic appointments

2025-present	<b>Adjunct Associate Professor</b> Faculty of Pharmacy, Mahasarakham University, Thailand Khamriang Sub-District, Kantarawichai District, Maha Sarakham, 44150 Tel: +66-43-754360
2024-2026	<b>Guest Lecturer</b> Faculty of Pharmaceutical Sciences, UCSI, Malaysia
2024	<b>Associate Professor in Pharmacy Practice</b> Faculty of Pharmacy, Mahasarakham University, Thailand
2022-2024	<b>Adjunct Senior Lecturer</b> School of Pharmacy, Taylor's University, Malaysia
2010-2024	<b>Assistant Professor in Pharmacy Practice</b> Faculty of Pharmacy, Mahasarakham University, Thailand
2005-2024	<b>Lecturer in Clinical Pharmacy Practice</b> Faculty of Pharmacy, Mahasarakham University, Thailand

### Administrative positions

2021-2023	Assistant Dean for International Relations and Corporate Image Faculty of Pharmacy, Mahasarakham University
2017-2021	Assistant Dean for International Relations and Public Relations Faculty of Pharmacy, Mahasarakham University
2015-2016	Assistant Dean for International Relations Faculty of Pharmacy, Mahasarakham University
2014-2015	Associate Dean for Special Affairs and International Relations Faculty of Pharmacy, Mahasarakham University
2008-2014	Associate Dean in Special Affairs and Pharmacy Manager Faculty of Pharmacy Mahasarakham University
2006-2024	Head of International Primary Care Practice Research Unit/Primary Care Practice Research Unit, Faculty of Pharmacy, Mahasarakham University

## National Professional Committees

2009-2022	Committee of the Community Pharmacy Foundation Board Community Pharmacy Foundation, Bangkok, Thailand
2015-2017	Head of the Sub-committee of Community Pharmacy Clerkship Training Group The Pharmacy Education Consortium of Thailand (PECT), Bangkok, Thailand
2014- 2015	President of the Community Pharmacy Network for Health Promotion Pharmacy Network for Health Promotion (PNHP), Chulalongkorn University, Bangkok, Thailand
2013-2015	Executive Committee of the Community Pharmacy Association of Thailand, Bangkok, Thailand
2013-2015	Committee of Community Pharmacy Clerkship Training Group The Pharmacy Education Consortium of Thailand (PECT), Bangkok, Thailand
2012	Committee of the Development of Pharmacy under the Regional National Health Security Office region 7, Khon Kaen, Thailand
2007	Member of National Essential Drug List Committee (Cardiovascular medicines) Ministry of Public Health, Bangkok, Thailand

## Editorial board membership

2007-2008	Editorial board member: Isan Journal of Pharmaceutical Sciences (IJPS) The collaboration of Mahasarakham University, Khon Kaen University and Ubon-Rajathanee University
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## University and Faculty committee

2022-2024	Research Ethics Committee Mahasarakham University, Maha Sarakham, Thailand
2019-2022	Master of Clinical Pharmacy Curriculum Committee Mahasarakham University, Maha Sarakham, Thailand
2014-2016	Vice-president of Smoke-free Campus Committee Mahasarakham University, Maha Sarakham, Thailand
2006-2007	Council of the Mahsarakham University Faculty Committee Mahasarakham University, Maha Sarakham, Thailand
2005-2010	PharmD Curriculum Committee Mahasarakham University, Maha Sarakham, Thailand
2005-2011	Committee in Health Promotion Program in the Faculty of Pharmacy Mahasarakham University, Maha Sarakham, Thailand

## Awards

2023	Research scholar for network collaboration with Bolkiah Institute of Health Sciences, Universiti Brunei Darussalam (UBD), funded by the Faculty of Pharmacy, Mahasarakham University.
2022	Research scholar for network collaboration with Auburn University, Alabama, USA, funded by the Faculty of Pharmacy, Mahasarakham University
2022	The second award of the postgraduate thesis Innovation, Mahasarakham University, Thailand. The title: Effectiveness of smoking cessation by community pharmacies with using smartphone application (PharmQuit).
2021	The best thesis award of PhD thesis in Health Sciences, Mahasarakham University, Thailand. The title: Outcomes of pharmacist-led diabetes care interventions in Lao PDR.
2020	The award of "Teacher Model of the Professional Code of Ethics for Teacher" on Teacher's Day by the Faculty of Pharmacy, Mahasarakham University
2017	Oversea scholar for Staff exchange program to Showa University, Japan, supported by Showa University, Japan.
2014	Volunteer scholar for Ministry Training to serve Asia at OMF International Singapore, supported by OMF Thailand
2013	The excellent researcher award by the Faculty of Pharmacy, Mahasarakham

- University
- 2012 International conference award to attend the World Conference on Tobacco or Health 2012 at Singapore, supported by the Pharmacy Network for Smoke-Free Thai Society.
- 2012 The winner award of the undergraduate research, Community Pharmacy Association, Thailand: the title of Cost-effectiveness of common illness treatment in an accredited community pharmacy compared with a community medical care unit.
- 2011 The second award of the undergraduate research, Community Pharmacy Association, Thailand: the title of Evaluation of the Collaboration Development between Community Pharmacies and National Health Service in Maha Sarakham.
- 2007 Duo-fellowship scholar with Liverpool Johns Moore University, UK, Funding by Office of the higher education commission.
- 2004 Oversea scholarship for research in PhD program with Robert Gordon University, Aberdeen, Scotland, funding by Office of the Higher Education Commission
- 2001 Overseas practice scholarship for University of Maryland School of Pharmacy, funding by Faculty of Pharmacy, Mahasarakham University

### Peer-Reviewed Publications

1. **Sookaneknun Olson P**, Nathisuwan S, Katz MD, Srimongkon P, Jungnickel PW, Ploylearmsang C, Leelathanalerk A, Ryan M, Doungngern T, Oderda GM, Lau AH, Pattharachayakul S, Wattanachai P, Nimworapan M, Seesin T, Potisarach P. Building the U.S.-ASEAN Consortium for Pharmacy Education based on the U.S.-Thai Consortium experience: a qualitative study. *J Pharm Policy Pract.* 2025 Dec 2;18(1):2593123. doi: 10.1080/20523211.2025.2593123. PMID: 41346354; PMCID: PMC12673976.
2. **Olson PS**, Sawangjit R, Tan BK, Seesin T, Setiawan CH, Watcharadamrongkun S, Hung NV, Sibounheuang P, Kifli N, Kanjanasilp J, Sookaneknun S, Jungnickel PW, Do TL, Ploylearmsang C. A systematic review and meta-analysis of pharmacy education and practice on prevention and management of noncommunicable diseases in ASEAN countries. *Scientific Report* 2025. Accepted on Oct 15, 2025.
3. Yousif Mohammed Alhassan Nasa S, Keshavarzi F, **Sookaneknun Olson P**, Swangjit R, Thabit AK, Jose J, Bhatarasakoon P. Alternatives to traditional pharmacy internships: a scoping review protocol. *JB I Evidence Synthesis.* 2025. 1-10. 10.11124/JBIES-25-00085 (accepted for publication)
4. Sibounheuang P, **Olson PS**, Kittiboonyakun P, Vongvandy V, Sookaneknun S, Soorapan S, Lau AH, Ploylearmsang C. Outcomes of Pharmacist-led Diabetes Care Intervention in Lao PDR: a randomized controlled trial. *Pharm Pract (Granada) [Internet].* 2025 Oct. 8 [cited 2025 Oct. 15];23(3):1-11. Available from: <https://www.pharmacypractice.org/index.php/pp/article/view/3299>
5. **Olson PS**, Krska J, Teangthonglang C, Tansin P, Siangtrong W, Pongrueangdilok P, Jarernsiripornkul N, Potisarach P. Self-reporting of adverse drug reactions of nonsteroidal anti-inflammatory drugs in community pharmacies. *J Pharm Policy Pract.* 2025;18(1):2483419. doi:10.1080/20523211.2025.2483419
6. Mongkhonmath N, **Olson PS**, Puttarak P, Chaiyakunapruk N, Sawangjit R. Systematic Review and Meta-analysis on Effectiveness of Strategies for Enhancing Adverse Drug Reaction Reporting. *J Am Pharm Assoc (2003).* 2025;65(1):102293. doi:10.1016/j.japh.2024.102293
7. Mongkhonmath N, **Olson PS**, Puttarak P, Keokinnaly S, Sawangjit R. Effectiveness of the modified TaWai mobile application for reporting adverse drug reaction in Lao PDR: A cluster randomized controlled trial. *Sci Rep.* 2024;14(1):31161. doi:10.1038/s41598-024-82474-9
8. **Olson PS**, Suttiraksa S, Chummalee I, Seesin T, Nithipaichit R, promarak T, Sirithanawuthichai T, Soorapan S, Chuchanan A, Satharana A, Na Kalasin L, Songmongkolrat W, Pratumta N, Nasawaeng K, Babar ZUD, SripHong P. Evaluating

- Smokers' opinions on smoking and customized cessation in Thailand university context: a qualitative study. *Tob Induc Dis.* 2024; 22:10.18332/tid/185293. doi:10.18332/tid/185293
9. **Olson PS**, Ploylearmsang C, Sibounheuang P, Sookaneknun S, Manithip C, Watcharadamrongkun S, Jungnickel PW, Kittiboonyakun P. Development of a patient satisfaction questionnaire (PSQ) for diabetes management in Thailand and Lao PDR. *Plos One.* 2024, 19(3). E0300052. <https://doi.org/10.1371/journal.pone.0300052>.
  10. Senawong P, **Olson PS**. Expectation and Satisfaction of Participants who Joined the International Exchange Program. *Journal of Organizational Innovation and Culture (Sarakham Journal)* 2023; 14(2): 1-13. <https://so15.tci-thaijo.org/index.php/JOIC/article/view/383>.
  11. Phimarn W, Sumlee C, Salee N, Sriphong P, **Olson PS**, Potisarach P. Factors associated with pharmacotherapy course learning achievements in Thai pharmacy students. *Currents in Pharmacy Teaching and Learning.* 2023;15(12):1026-1033. doi:10.1016/j.cptl.2023.10.002
  12. Sriwasut P, **Olson PS**, Sriphong P, et al. Evaluation of the "Warm-hearted community pharmacy project" in Roi Et Province using the CIPP model. *TJPP* 2023, 15(1): 110-123. <https://he01.tci-thaijo.org/index.php/TJPP/article/view/254292>
  13. Wongwai N, Kanjanasilp K, **Olson PS**, et al. Outcomes of secondary prevention medications in patients with non-ST-elevation acute coronary syndrome at one year after hospital discharge. *TJPP* 2023, 15(2): 501-512. <https://he01.tci-thaijo.org/index.php/TJPP/article/view/255537/173804>
  14. Asayut N, **Olson PS**, Kanjanasilp J, Thanarat P, Senkraigul B. PharmQuit: an interactive community pharmacist-assisted smartphone application for smoking cessation. *MJPHM.* 2022;1: 16-27. doi: [10.37268/mjphm/vol.22/no.1/art.1080](https://doi.org/10.37268/mjphm/vol.22/no.1/art.1080)
  15. Asayut N, **Olson PS**, Kanjanasilp J, Thanarat P, Senkraigul B, Sittisan C, Suksawat S. A community pharmacist-led smoking cessation intervention using a smartphone app (PharmQuit): a randomized controlled trial. *Plos One.* 2022;17(3):e0265483. doi:10.1371/journal.pone.0265483
  16. **Olson PS**, Srimongkon P, Tan BK, et al. Pharmacy students' preparation to provide pharmaceutical care for patients with non-communicable diseases in six ASEAN countries: a qualitative study. *Curr Pharm Teach Learn.* 2022; 14(11):1353-1364. doi:10.1016/j.cptl.2022.09.027
  17. Paraidathathu T, Ploylearmsang C, **Olson PS**. The development and trends in pharmacy education across ASEAN countries. *IJPS.* 2022; 18(1):1-20. doi:10.14456/ijps.2022.1
  18. Tongsri T, **Sookaneknun P**, Sookaneknun S. Effectiveness of a counseling program for smoke-free families by primary care pharmacists. *TJPP* 2021;13(1): 112-126. <https://he01.tci-thaijo.org/index.php/TJPP/article/view/207467/166294>
  19. Sibounheuang P, **Olson PS**, Kittiboonyakun P. Patients' and healthcare providers' perspectives on diabetes management: A systematic review of qualitative studies. *RSAP.* 2020; 16(7): 854-874. doi:10.1016/j.sapharm.2019.09.001
  20. Lakrat R, **Sookaneknun P**, Sutapak U. Mortality rate of coronary heart disease at Detudom Royal Crown Prince Hospital, Ubonratchathani in 2013 and 2016. *IJPS* 2019; 15(1): 93-104. doi:10.14456/ijps.2019.7
  21. Rattanakhot R, **Sookaneknun P**, Sutapak U. Analyzing mortality trends of coronary heart disease in Surin Hospital in 2014 and 2016 by using IMPACT model. *TJPP* 2019; 2: 343-355. <https://he01.tci-thaijo.org/index.php/TJPP/article/view/171575>
  22. Asayut N, **Sookaneknun P**, Chaiyasong S, Saramunee K. Outcomes, costs and stakeholders' perspectives associated with the incorporation of community pharmacy services into the National Health Insurance System in Thailand: a systematic review. *IJPP* 2018; 26(1): 16-27. doi:10.1111/ijpp.12385
  23. Sunopuk S, Promarak T, **Sookaneknun P**. Effects of the program for protection the new smokers among secondary school students in Roi-Et Municipal, Roi-Et Province. *Journal of the Office of Disease Prevention and Control* 9 2018; 24(1): 86-95. <https://he02.tci-thaijo.org/index.php/ODPC9/article/view/188830>

24. Sookaneknun S, **Sookaneknun P**, Seesin T, Bunditanukul K, Phianchana P, Sirithanawuthichai T, Promarak T, Sanseeha L, Phutiya C, Trisat N and Praratpoomee P. Outcomes of a two-year smoke-free university and organizational policy management. *MJPHM* 2018; 18(2): 109-122. <https://shorturl.at/cDQlj>
25. Detworrawatin P, **Sookaneknun P**, Siriamonpun S. Effectiveness of pharmaceutical care with low glycemic index Jasmine rice in type 2 diabetes patients. *Research and Development Health System Journal* 2018; 11(2): 574-586.
26. **Sookaneknun P**, Watcharadamrongkun S, Sookaneknun S, et al. Readiness and decision of community pharmacy preceptors in providing services with the National Health security Office. *J Health Sys Research* 2017; 11(1): 64-76. <https://shorturl.at/QB1PV>
27. Saramunee K, Ploylearmsang C, Chaiyasong S, Phimarn W, **Sookaneknun P**. Unit cost of common illness management: a comparison between a primary care unit and a community pharmacy in Thailand. *Primary Health Care Research & Development* 2017; 18(4): 376-385. doi:10.1017/S1463423617000172
28. Wangsook P, Kittiboonyakun P, **Sookaneknun P**. Evaluation of multidisciplinary health care program for patients using warfarin at health promotion sub-district hospitals. *TJPP* 2014; 6(2): 92-105. <https://he01.tci-thaijo.org/index.php/TJPP/article/view/169467>
29. Sriphonhong T, **Sookaneknun P**, Ploylearmsang C, Asayut N. The evaluation of the health promotion and disease prevention projects funded in the fiscal year 2011 by the National Health Security Office, region 7, Khon Kaen. *Journal of Health System Research* 2014; 8(3): 256-266. <https://kb.hsri.or.th/dspace/handle/11228/4221>
30. Kumsook D, **Sookaneknun P**, Ploylearmsang C, Sangsirirak E. Comparing the effectiveness of nortriptyline and nicotine gum with pharmacist counseling for smoking cessation in nicotine dependence smokers. *IJPS* 2014; 10(3): 372-388. doi:10.14456/ijps.2014.28
31. Manadee C, Ploylearmsang C, **Sookaneknun P**. The study of Factors affecting to Blood Sugar Control in Elderly with Diabetes Mellitus in a Home Care for Quality Use of Medicine at Home in Somdet District, Kalasin Province. *IJPS* 2014; 10(3): 354-371. doi:10.14456/ijps.2014.27
32. Ploylearmsang C, **Sookaneknun P**, Poophalee T, Pongruea P. Diabetes and Hypertension Screening by Pharmacy Students in Thai Communities. *AJPE* 2013, 77(3): Article 56: 1-7. doi: 10.5688/ajpe77356
33. **Sookaneknun P**, Rattanachotpanit T, Thowanna B, Senanok R, Somsaard P, Sonhorm U, Kamwat A. Comparison of pharmaceutical care outcomes in chronic disease patients receiving refill prescription between accredited community pharmacies and primary care units, Maha Sarakham province. *J Health Sys Research* 2012; 6(1): 100-111. <https://shorturl.at/uR3vp>
34. Kitikannakorn N, **Sookaneknun P**, Soorapan S, Chinwong S, Yotsombat K, Suksai N. Roles of University's Pharmacies in Pharmaceutical Services and Pharmaceutical Clerkships. *Srinagarind Med J* 2012; 27(4). <https://li01.tci-thaijo.org/index.php/SRIMEDJ/article/view/11142>
35. Pummangura C, Praphuchaka P, **Sookaneknun P**, Kanjanasilp J, Sooksai N, Watcharathanakij S, Somsaard P, Sermsinsiri V. Systematic review of community pharmacy practice research. *IJPS* 2012; 8(2): 76-93. doi:10.14456/ijps.2012.11
36. R Boondee, P Kittiboonyakun, S Suwannaroj, **P Sookaneknun**. Development of quality indicators of dispensing process for hospital pharmacists in rheumatoid arthritis patients. *IJPS* 2012; 8(3): 76-90. doi:10.14456/ijps.2012.19
37. Jaroonsawanya P, **Sookaneknun P**, Toondee C, Koonjarenrat N, Taratai K. Adherence to evidence-based guidelines in the treatment of hypertension. *IJPS* 2010; 6(1): 26-40. doi:10.14456/ijps.2010.3
38. **Sookaneknun P**, Saramunee K, Rattarom R, Kongsri S, Senanok R, Pinitkit P, Sawangsri W, Deesin B. Economic analysis of the diabetes and hypertension screening collaboration between community pharmacies and a Thai government primary care unit. *Primary care diabetes* 2010; 4(3):155-164. doi:10.1016/j.pcd.2010.05.003

39. Somsaard P, **Sukaneknun P**, Towanna B, Chokkatiwat K. Effect of the screening for diabetes mellitus and hypertension by pharmacists in accredited community pharmacy in Mahasarakham province. *IJPS* 2010; 6(3): 34-49. doi:10.14456/ijps.2010.21
40. **Sookaneknun P**, Chartprasop N, Rerksansern C, Rattarom R, Nualkaew S. Public opinion on establishing a University Pharmacy as the health information center in its community. *Journal of Science and Technology Mahasarakham University*. 2010; 28(2): 185-195
41. Keawkes A, **Sookaneknun P**, Seesin T. Satisfaction on opinion of Mahasarakham University population toward the university pharmacies. *Journal of Science and Technology Mahasarakham University*. 2010.;29(4): 428-438.
42. Arkaravichien W, Khumsikiew J, Hongsamoot D, Sangkar P, **Sookaneknun P**. Perspective of Administrators on Extending Community Pharmacy Services under the National Health Security Scheme. *J Health Sys Research*. 2009; 3(4): 573-580. <https://shorturl.at/PFW4j>
43. Butrsingkorn N, **Sookaneknun P**, Phimarn P. Factors affecting to join the developing community pharmacy accreditation project. *Community Pharmacy* 2009; 8(46)12-18.
44. **Sookaeknun P**, Suttajit S, Ploylearmsang C, Kanjanasilp J, Maleewong U. Health promotion integrated into a Thai PharmD curriculum to improve pharmacy practice skill. *AJPE* 2009; 73(5). doi:10.5688/aj730578
45. Pimarn W, **Sookaneknun P**. The current pharmacotherapy in diabetes. *Thai Pharmaceutical and Health Science Journal*. 2008; 3(1): 169-179. <https://ejournals.swu.ac.th/index.php/pharm/article/view/2724>
46. **Sookaneknun P**, Osiri S, Hirunpanich V, Kerdguntuk J, Chaisong S, Kittibunyakhun P, Hanrinth R, Sunarat M. Provision of care to hypertensive patients in a community pharmacy. *Science and technology Mahasarakham University Journal*. 25 (1): January-March 2006.
47. **Sookaneknun P**, Richards RME, Sanguansermisri J, Teerasut C. Pharmacist's contributions to blood pressure outcome and quality of life of hypertensive patients. *CMU Journal* Vol 4, May-Aug 2005. <https://cmuj.cmu.ac.th/nlsc/journal/article/564>
48. **Sookaneknun P**, Richards RME, Sanguasermisri J, Teerasut C. Pharmacist involvement in primary care improves hypertensive patient clinical outcomes. *Annals Pharmacotherapy*, 2004; 38: 2023-2028. doi:10.1345/aph.1D605

### Book Chapters

1. **Olson PS**, Leelathanalerk A, Hung NV, Tan BK, Nacabu-an SMJ, Setiawan CH, Sibounheuang P, Srimongkon P, Sungthong B, Jungnickel PW. Challenges in Pharmacy Education with Limited Resources during COVID-19: ASEAN Perspective. *Handbook of Research on Updating and Innovating Health Professions Education: Post-Pandemic Perspectives*. Channing R. Ford, Kimberly B. Garza. IGI global. 2022. [Book chapter]

### Submitted Manuscripts

1. **Olson PS**, Sarker J, Leelathanalerk A, Sawangjit R, Tan BK, Anusornsagiam W, Setiawan CH, Ayran CM, Ploylearmsang C, Kifli N, Watcharadamrongkun S, Sookaneknun S, Van HN, Sibounheuang P, Potisarach P, Fern LA, Ngo TL, Chaikyakunapruk N, Thundee C, Lee TA. Hypertension prevalence in the Asia-Pacific region: a systemic analysis of population-based studies. Submitting to *Journal of Hypertension*.
2. Tan BK, Pancerselvam GS, **Olson PS**, Rattarom R, Cheng SA, Lim JS, Low SX, Caichompoo W, Swangjit R, Jungnickel PW. Group mentoring models in nurturing undergraduate research at pharmacy faculty and national contexts in two ASEAN countries. Rewriting to submit to a journal
3. Warittakorn Kategeaw; Thipsukhon Sathapanasiri; **Phayom Sookaneknun Olson**; Damon Toth; Matthew H. Samore; Nathorn Chaikyakunapruk. Building a Sustainable Ecosystem for Mathematical Modeling in Public Health Decision-Making: Insights from Thailand. Submitted to *PLOS Global Public Health*.

### Experience in Organizing International Conferences

2023 Co-hosted the International Society to Improve the Use of Medicines (ISIUM)

	Conference, Chiang Mai, Thailand.
2021-2023	Hosted webinars in pharmacy with ASEAN countries, the US, and Japan
2019	Hosted ASEAN and PECT meeting: Education Innovation on Smoking Cessation and Non-communicable Disease (NCD), Maha Sarakham, Thailand
2016	ASEAN Pharmacy conference at the US-Thai Pharmacy Consortium Conference, Khon Kaen, Thailand

## Current Research Projects

Agency: Health Systems Research Institute (HSRI) 2026-2027  
 Title: Economic evaluation of home parenteral nutrition in patients with chronic intestinal failure  
 Role: co-investigator  
 Funding: 1,415,810 baht (USD 44,244)

Agency: Thailand Science Research and Innovation (TSRI) 2025-2026  
 Title: Economic evaluation of renal denervation in patients with refractory hypertension  
 Role: co-investigator  
 Funding: 1,246,850 baht (USD 38,965)

Agency: Mahasarakham University (Thailand), Prince of Songkla (Thailand) 2025-2026  
 University of Illinois Chicago  
 Title: Pharmacovigilance and Adverse Drug Reaction Monitoring Modules in Pharmacy Curricula Among Southeast Asian Countries  
 Role: co-investigator  
 Funding: applying for MSU grant

Agency: Mahasarakham University (Thailand), Prince of Songkla (Thailand) 2025-2026  
 University of Illinois Chicago  
 Title: Scoping Review of Pharmacovigilance Systems in ASEAN countries  
 Role: co-investigator  
 Funding: applying for MSU grant

Agency: Mahasarakham University 2025-2026  
 Title: Electronic cigarettes and health among young people in Southeast Asia: scoping review  
 Role: Co-Principal investigator with Mahasarakham University  
 Funding: applying for MSU grant

Agency: University of Utah (US), University College London (UCL) 2025-2026  
 Rangsit University (Thailand), Mahasarakham University (Thailand)  
 Title: Climate change and health in Southeast Asia: scoping review  
 Role: Co-Principal investigator with UCL  
 Funding: -

Agency: UCSI University, Malaysia 2024-2025  
 Title: Alternatives to traditional pharmacy internships: A scoping review protocol  
 Role: co-investigator  
 Funding:-

Agency: CDC, University of Utha (USA), and Chulalongkorn University (Thailand) 2024-2026  
 Title: Building a mathematical modeling ecosystem for public health decision-making: A global comparative analysis  
 Role: co-investigator  
 Funding: 360,000 baht (USD 11,250) per year

Agency: Mahasarakham University, Thailand, University of Illinois Chicago, USA 2024-2025

Title: Hypertension awareness, treatment, and control in ASIA-Pacific region: A systemic analysis of population-based studies  
 Role: Principal Investigator  
 Funding: 250,000 baht (USD 7,200)

Agency: Mahasarakham University 2024-2025  
 Title: Building the US-ASEAN Consortium for Pharmacy Education based on the US-Thai Pharmacy Consortium experience: Direction and Trends  
 Role: Principal investigator  
 Funding: 150,000 baht (USD 4,300)

## Completed Research Grants

Agency: Mahasarakham University 2024-2025  
 Title: Outcomes of Pharmacist-led diabetes care intervention in Lao PDR: A randomized controlled trial  
 Role: co-investigator  
 Funding: 125,000 baht (USD 3,570)

Agency: Mahasarakham University 2022-2023  
 Title: Impact of pharmacy education and practice on primary prevention of non-communicable diseases in ASEAN countries: A systematic review  
 Role: Principal Investigator  
 Funding: 80,000 baht (USD 2,300)

Agency: Multidisciplinary Network for Tobacco-Free Thai Society 2021-2022  
 Mahasarakham University  
 Title: Smoking cessation model that customizes the requirement of smokers in campus: qualitative study  
 Role: Principal Investigator  
 Amount: 195,000 baht (USD 5,600)

Agency: Faculty of Pharmacy, Mahasarakham University 2020  
 Title: Readiness in pharmacy students' preparation to provide pharmaceutical care for NCD patients in ASEAN countries: A qualitative study  
 Role: Principal Investigator  
 Funding: 60,000 baht (USD 1,700)

Agency: Health Intervention and Technology Assessment Program 2020  
 Chulalongkorn University, Thailand  
 Title: Developmental evaluation of a pilot project to decrease the service crowd at Roi-Et hospital  
 Role: Principal Investigator  
 Funding: 100,000 baht (USD 2,900)

Agency: Health Promotion Foundation 2019  
 Title: Opinions of health care providers on health promotion and tobacco control in pharmacy services for social enterprise innovation  
 Role: Principal Investigator  
 Amount: 56,250 baht (USD 1,600)

Agency: Faculty of Pharmacy, Mahasarakham University 2018  
 Title: Development of a patient satisfaction questionnaire (PSQ) for diabetes management in Thailand and Lao PDR  
 Role: Principal Investigator  
 Funding: 40,000 baht (USD 1,100)

Agency: National Health Security Office Region 7, Khon Kaen 2017  
 Title: Counseling project for smoking cessation with smartphone application (PharmQuit)  
 Role: Principal Investigator  
 Funding: 500,000 baht (USD 14,300)

Agency: Mahasarakham University 2012  
 Title: Adverse drug reaction monitoring of non-steroidal anti-inflammatory drugs (NSAIDs) by patient self-reports at university pharmacies  
 Role: Principal Investigator  
 Funding: 80,000 baht (USD 2,300)

Agency: National Health Security Office (NHSO) 2011  
 Title: The development in health promotion network project between community pharmacies and primary care units in Roi-et and Maha Sarakham provinces.  
 Role: Principal Investigator  
 Funding: 1,001,700 Baht (USD 28,620)

Agency: Siam University, Bangkok 2011  
 Title: Systematic review of community pharmacy practice research  
 Role: Principal Investigator  
 Funding: 60,000 baht (USD 1,700)

Agency: Thai FDA and Pharmacy Network Health Promotion Program 2010  
 Title: A model of the collaboration between community pharmacies and national health insurance in the city of Mahasarakham Province  
 Role: Principal Investigator  
 Amount: 100,000 baht (USD 2,800)

## Teaching Responsibilities

### Didactic courses

Course No	Title (credits)	Roles	Semester
UCSI (Malaysia)	Quantitative studies and critical appraisal (case study, case series, case-control study)	Instructor	1/2024 (summer-fall)
0703 480	Pharmacology and Pharmacotherapy 5 (3) Topics: Pathophysiology of cardiovascular diseases, hypertension	Instructor	1/2023 (summer-fall)
0703 482	Clinical Pharmacy Lab 4 (1) Topic: Pharmacotherapy in hypertension	Instructor	1/2023 (summer-fall)
0703 366	Pharmacology and pharmacotherapy 2 Topic: drug use in the elderly	Instructor	1/2023 (summer-fall)
0703 580	Community Pharmacy (3) Topics: Direction and trend of community pharmacy in Thailand, tobacco and smoking cessation	Course master	1/2023 (summer-fall)
0703 505	English skills for pharmacy (1) Topic: English skills in cardiovascular diseases	Instructor	1/2023 (summer-fall)
0703 705	Advance pharmacotherapy 1 (5) (Master's program) Topics: Standard treatment guideline and recent evidence based on pneumonia, endocarditis; Standard treatment guideline and recent evidence based on hypertension; drug use in the elderly	Instructor	1/2023 (summer-fall)
0703 001	Pharmacy education in foreign countries (2)	Course	1/2023

Course No	Title (credits)	Roles	Semester
0703 484	Topic: Pharmacy education in ASEAN countries Pharmacology and Pharmacotherapy (8) Topics: Lower respiratory tract infection, infective endocarditis	master Instructor	(summer-fall) 2/2022 (winter-spring)
0703 710	Pharmacotherapy in infectious diseases (3) (Master program) Topic: antibiotic spectrum and regimen selection	Instructor	1/2023 (summer-fall)
0703 724	Disease management and health promotion in primary care pharmacy (3) (Master program) Topic: tobacco control and smoking cessation	Instructor	1/2023 (summer-fall)
0703 708	Pharmaceutical care in patients with cardiovascular disease (2) (elective course for master program)	Course master	2/2021 (winter-spring)
0703 920	Statistical methods for pharmacy research (4) (PhD program) Topic: research experience in non-parametric statistics	Instructor	2/2022 (winter-spring)

### Graduate Student Thesis

Year	Student name	Role	Title
<b>PhD program</b>			
2023	Niphonh Mongkhonmath	Co-advisor	Effect of modified TaWai mobile system on adverse drug reaction reports in Lao PDR
2021	Phoutsathaphone Sibounheuang	Major advisor	Outcomes of pharmacist-led diabetes care interventions in Lao PDR
2019	Narong Asayut	Major advisor	Effectiveness of smoking cessation by community pharmacies with using smartphone application (PharmQuit)
<b>Master Programs</b>			
2023	Supissara Chamnanjit	Major advisor	Outcome of all-cause mortality and hospitalization in heart failure with reduced ejection fraction patients receiving carvedilol compared with bisoprolol
2023	Riteeya Songnuy	Major advisor	Effect on educational intervention regarding medical cannabis and cannabis product among community pharmacists in accredited community pharmacies
2022	Nuntawan Wongwai	Co-advisor	Outcomes of secondary prevention medications in patients with Non-ST-Elevation Acute Coronary Syndrome after hospital discharge at 1 year follow-up
2021	Pakarang Sriwasut	Major advisor	Evaluation of community pharmacy project in Roi Et Province using CIPP model
2020	Thipruthai Tongsri	Major advisor	The effectiveness of a counseling program for smoke-free families by primary care pharmacists.
2018	Prarinet Detworrawatin	Major advisor	Effectiveness of pharmaceutical care with low glycemic index Jasmine rice in type 2 diabetes patients
2018	Suwatcharaneer Sunopuk	Co- advisor	Effects of the program for protecting the new smokers among secondary school students in Roi-Et Municipal, Roi-Et Province
2017	Rawipan Lakrat	Major advisor	Coronary heart disease mortality rate of Detudom Royal Crown Prince Hospital, Ubonratchathani 2013 and 2016
2017	Ratchaneewan Rattanakhot	Major advisor	Coronary heart disease mortality rates in Surin Hospital Between 2014 and 2016
2014	Duanginda Kumsook	Major advisor	Comparing the effectiveness of nortriptyline and nicotine gum with pharmacist counseling for smoking cessation in nicotine dependence smokers

Year	Student name	Role	Title
2014	Chananooch Manadee	Co- advisor	The study of factors affecting blood sugar control in elderly with diabetes mellitus in a home care for quality use of medicine at Home in Somdet District, Kalasin Province
2013	Pattaya Wangsook	Co-advisor	Evaluation of multidisciplinary health care program for patients using warfarin at health promotion sub-district hospitals
2013	Thipkarn Sriphonhong	Major advisor	The evaluation of the health promotion and disease prevention projects funded in the fiscal year 2011 by the National Health Security Office, region 7, Khon Kaen
2012	R Boondee	Co-advisor	Development of quality indicators of dispensing process for hospital pharmacists in rheumatoid arthritis patients

### PharmD Student Projects

Year	Student name	Title
2024	Phatthaphon Jarutan, Phawatchaya Pilawan	Factor affecting smoking cessation competency in pharmacy students, Mahasarakham University
2023	Chitsanupong Sumlee, Nachchasupphanun Salee	Factors associated with pharmacotherapy course learning achievements in Thai pharmacy students
2023	Anchalee Chuchanan, Amon Satharana	A synthesis of customized smoking cessation service from academic staff smokers' views in a university: Qualitative research
2022	Kitinun Janthamalee, Ratthapong Lhamoon	Chronic disease patients' perspective on refill prescription services by social enterprise community pharmacies
2022	Thammarin Soontara, Siranee Semarum	Administrators' opinions on the management of a smoke-free campus
2021	Praweena Aopkaew, Phanupong Wangsom	Employment opportunity analysis on international work for pharmacists: Qualitative study
2020	Kunakorn Jantamon, Ekkaphop Sudachan	Students' opinions on knowledge, skills, and attitudes about non-communicable diseases and smoking cessation: a study of pharmacy students in Thailand and ASEAN countries
2019	Chuthathip Sittisarn, Suratsawatee Suksawat	Efficacy of smartphone application (PharmQuit) with pharmaceutical care for smoking cessation in the University Pharmacies
2018	Chattarin Nasuksom, Chataya Wongwan	Case study for extensive drug-resistant tuberculosis management and cost analysis
2017	Chaninat Sidaengnoi, Tossaporn Nuchnuanrat, Supawadee Sangonpue	Factors affecting smokers to attend the smoking cessation program
2016	Chatchai Phutiya, Nahathai Trisart, Poonpun Praratpoomee	Opinion in a mutual agreement to establish smoke free campuses in Mahasarakham University
2015	Khruathida Saklor, Poonpach praratpoomee	Outcomes of teaching in smoking cessation in general education program
2014	Chatmanee Tengthonglang, Pinyapat Tunsin, Wilasinee Siangtrong	Self-assessment of adverse drug reaction from NSAIDs in accredited community pharmacies
2013	Thipawan Atthvilai, Wanrudee Sriseetan, Thongyoy Benjaron, Piyanuch Yooton	Evaluation of the development project of pharmacy practice in the primary health care system in Kalasin, Maha Srakham, and Roi-et provinces

Year	Student name	Title
2012	Ukrit Sonhorm	Pharmaceutical care outcomes in chronic disease patients receiving refill prescription in accredited community pharmacies
2012	Waranyoo Thongbo	Incidence of people at risk and patients with type 2 diabetes and hypertension in primary care units during 2005-2009
2012	Taraya Pankhoomkao	Comparison of incidences of diabetes and hypertension in primary care units
2012	Piyawat Praphuchaka	Systematic review of community pharmacy practice research
2011	Parichat Sawangwong	Evaluation of the community pharmacy development and accreditation program in Maha Sarakham
2011	Aroonwadee Asasing	Health belief and health behaviors in high-risk group of diabetes at Kruawan 1, Maha Sarakham Province
2011	Chokchalerm Rawiyawong	Project evaluation of the development model of incorporating community pharmacy with the National Health Insurance in screening services, health promotion monitoring, and medication use in chronic diseases: a case study in Maha Sarakham Province using CIPP model
2010	Pornsiri Jaroonsawanya	Adherence to evidence-based guidelines in the treatment of hypertension
2010	Anan Keawkes	Satisfaction and opinion of Mahasarakham University population toward the university pharmacies
2009	Wassamon Phutongngern	Outcomes of smoking cessation in the "Healthy Friend Project" by 4 <sup>th</sup> year PharmD students
2009	Nisachon Butrsingorn	Factor affecting to join the developing community pharmacy accreditation project.
2008	Darunrak Pitak	Self-care management and clinical outcomes of diabetes patients at University Pharmacy
2008	Bussaba Thowanna, Sirima Chaimool	Adverse drug reaction from anti-tuberculosis drugs at the tuberculosis clinic, Mahasarakham Hospital
2008	Panomkorn Sansurin	Outcomes of music therapy and pharmaceutical care in diabetes patients
2007	Nattaporn Chartprasop	Community opinion on the health information center at the University Pharmacy
2007	Chawika Rerksansern	Satisfaction with the health information center in the University Pharmacy
2007	Amornrat Kumpetchdee	Outcomes of group counseling in hypertensive patients at University Pharmacy
2006	Wilawan Artwichai	Pharmaceutical care in HIV patients on medical ward at Srisaket hospital

### Journal Reviewer

2026	Plos One
2026	Dove
2026	PDS Pharmacoepidemiology & Drug Safety
2025	PDS Pharmacoepidemiology & Drug Safety
2025	JIMR Medical Informatics
2025	Drug, Healthcare and Patient Safety
2025	International Journal of Nursing Practice
2025	Plos One
2024	International Journal of Nursing Practice
2024	Translational Behavioral Medicine (TBM)
2024	Integrated Pharmacy Research and Practice

2024 Plos One  
2024 Thai Journal of Pharmacy Practice (TJPP)  
2024 Thai Bulletin of Pharmaceutical Sciences  
2024 International Journal of Adolescent Youth  
2024 International Journal of Nursing Practice  
2024 BMC Medical Education  
2024 JoPP (Journal of Pharmaceutical Policy and Practice)  
2024 IJPP (International Journal of Pharmacy Practice)  
2023 BMC Primary care  
2023 eJM  
2023 JPHSR (Journal of Pharmaceutical Health Services Research)  
2023 Thai Bulletin of Pharmaceutical Sciences  
2023 Thai Journal of Pharmacy Practice (TJPP)  
2022 IJPS (Isan Journal of Pharmaceutical Sciences)  
2022 Plos Public Health  
**Feb 11, 2026**