

CURRICULUM VITAE

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Personal Data:

Date and Place of Birth: September 8, 1972, ChiangMai, Thailand

Marriage: Single

Current position: Assistant professor

Office: Faculty of Pharmacy, Mahasarakham University, Thailand

Academic Background:

1991-1995

: Bachelor of Pharmacy

Faculty of Pharmacy, ChiangMai University, ChiangMai, Thailand

1998-1999

: Master of Public Health

Faculty of Graduate studies, ChiangMai University, ChiangMai, Thailand

Field of study: Public Health

Master Thesis: Effects of pharmacy counseling on self-care of Diabetic patients

Advisor: Associate Professor Jarasparn Sagnuansemsri, Ph.D.

2000-2003

: Philosophy of Doctor

Faculty of Pharmacy, Mahidol University, Bangkok, Thailand

Field of study: Pharmacy Administration

Doctoral dissertation: Development of Professionalism model of Thai pharmacist and pharmacy student

Advisor: Associate Professor Petcharat Pongchareonsuk, Ph.D.

Licensure:

1995-present

: Thailand licensed Pharmacist

Professional Experiences:***November 2003-present***

· Lecturer, Faculty of Pharmacy, Mahasarakham University

Teaching in Doctor of Pharmacy (Pharm.D.) degree, Master of Pharmacy (Primary Care Pharmacy) and Ph.D. (Pharmacy). including:

- Pharmacoepidemiology
- Pharmacoeconomics
- Drug system management
- Post Marketing Surveillance
- Research Methodology (Statistics and SPSS program)
- Consumer Protection
- Health promotion and screening

January 2006-2011

- Editorial board of Isan Journal of Pharmaceutical Sciences

January 2012-present

- Working committee for drafting policies and strategic plans of National drug system development (2012-2016)
- Working committee for development of Rational drug use instrument in specific population (Elderly), Food and Drug Administration (FDA) (2014-2015)
- Expert in Key performance indicator of primary care pharmacy instrument assessment, National Health Security Office 2016
- Sub-Committee for Interprofessional Education, the National Health Professional Education Foundation, Thailand (2012-present)
- Sub-committee for development of primary care pharmacy, Pharmacy Council, Thailand (2017-present)

Work Experiences:***April 1995-March 2000***

· Head of Pharmacy Unit, Mae Sa Riang Hospital, Mae Hong Son, Thailand

November 2004-March 2005

· Head of Social Pharmacy Group, Faculty of Pharmacy, Mahasarakham University

April 2005-October 2011

· Associate dean in Administration, Faculty of Pharmacy, Mahasarakham University

· Head of Social Pharmacy Research Unit, Faculty of Pharmacy, Mahasarakham University

October 2011-March 2017

· Associate dean in Research and Quality Assurance in Education, Faculty of Pharmacy, Mahasarakham University

April 2017-Present

· Dean of Faculty of Pharmacy, Mahasarakham University

Researches:

- Health promotion in the faculty of Pharmacy: integrated in curricular activities (major researcher)
- The effects of pharmacy education and institutional socialization on students' professionalism and leadership (major researcher)
- Situation of health products consumption: label and advertisement concerns (major researcher)
- Hospital pharmacists' professional satisfaction influenced by sense of calling and knowledge applicability (major researcher)
- Happiness and quality of life of elderly in Lopburi province (major researcher)
- Potentiality, Participation in family, community and society, quality of life, and happiness of the elderly in Maha Sarakham Province (major researcher)
- Classroom research in general education courses: Drug in daily Life and Consumer protection (major researcher)
- Promoting self-care behaviors of diabetic patients by pharmacy-based home health care: a community pharmacy service (major researcher)
- Self-learning Evaluation from Direct Experience in Isan Culture and Health among pharmacy Students, Mahasarakham University (co researcher)
- Outcomes of insulin counseling in outpatient of diabetic clinic at a general hospital (co researcher)
- Benefits of Electronic devices for drug adherence and clinical outcomes of HIV infected patients (major researcher)
- Cost-effectiveness analysis of genotyping in preventing nevirapine-induced Stevens-Johnson syndrome (major researcher)
- Cost analysis of screening and drug refilling with counseling services in hypertension and diabetic patients by pharmacist in the accredited drugstores

in three provinces: Maha Sarakham, Khon Kean, and Nakorn Ratchasima (major researcher)

- Unit-cost analysis of Home health care for chronic disease patients by pharmacists in accredited drugstores around Bangkok municipalities (major researcher)
- A Review of Reference-based pricing in other countries (co researcher)
- Integrating Health Promotion into PharmD Curriculum and Pharmacy Education in Faculty of Pharmacy, Mahasarakham University (co researcher)
- A Review of National Drug Policy: Lessons learned from experiences of other countries and Recommendations for Thailand (co researcher)
- Community Participation of Type 2 DM screening and health education in Isan people: Clinical Outcomes and Cost-Effectiveness (major researcher)
- Modifying homes for persons with physical disabilities in Thailand (co researcher)
- Applying the Lists of Risk Drugs for Thai Elderly (LRDTE) as a mechanism to account for patient age and disease severity in assessing potentially inappropriate medication use (co researcher)
- Diabetes and Hypertension Screening by Pharmacy Students in Thai Communities (major researcher)
- Unit cost of common illness management in community pharmacy, Thailand. (major researcher)
- Community Learning Program integrated in PharmD Curriculum (co researcher)
- Depression, Quality of Life and Factors Affecting the Risk of Depression in People Aged more than 50 years, Banmakok Community, Maha Sarakham (major researcher)
- Outcome of Medication Errors Reduction Procedure in Phukieo Health Promoting Hospitals, Chaiyaphum Province (co researcher)
- The content and legal correction of advertising food supplements and medications from radio in Banmakok community, Maha Sarakham Province (major researcher)
- Interprofessional Education for Humanized patient home care: a collaboration among Faculty of medicine, Faculty of Pharmacy and Faculty of architecture (major researcher)
- Interprofessional Education Network (major researcher)
- Readiness in Pharmacy Students Preparation to Provide Pharmaceutical Care for NCD patients in ASEAN Countries: a qualitative study. (co researcher)

- Outcomes of the 3-year Home-based Interprofessional Education on Students, Lecturers and Communities. (major researcher)
- Development of Wellness Products and Services based on Herbal and Local Wisdom for Upgrading Wellness Community-based Tourism in Maha Sarakham 2021-2022. (major researcher)

Publication:

- Worapongsathorn, T., **Ploylearmsang, C.** (2004). Developing and testing of Internet addiction scale. **Journal of Faculty of Public Health, Mahidol University.**
- **Ploylearmsang, C.** (2005). The Construct Validity of the CES-D depression scale among students. **Isan Journal of Pharmaceutical Sciences.** 1(1) January-June: 25-39.
- Sattayawongthip, B., **Ploylearmsang, C.** (2005). The evaluation of pharmacy student's self-learning in Isan cultures and health from direct experience. **Isan Journal of Pharmaceutical Sciences.** 1(2) July-December: 44-49.
- **Ploylearmsang, C.**, Sattayawongthip, B., Suttajit, S., Arpasrithongsakul, S. (2006). Students' professionalism and leadership influenced by pharmacy education and institutional socialization. **Isan Journal of Pharmaceutical Sciences.** 2(1) January-June: 1-12.
- **Ploylearmsang, C.**, Pongchareonsuk, P., Sukulbumrungsil, R. (2006). Professionalism and moral reasoning of pharmacists in three settings. **Thai Journal of Hospital Pharmacy** 16(1) January-April.
- **Ploylearmsang, C.** (2006). Can regular exercise prevent common cold?. **Journal of Sciences and Technology.** Mahasarakham University 26: 109-114.
- Sattayawongthip, B., Suttajit, S., **Ploylearmsang, C.** (2006). Health risk behaviors of people in Nakwichai community, Muang Maha Sarakham Municipality. **Isan Journal of Pharmaceutical Sciences.** 2(1) January-June: 13-25.
- **Ploylearmsang, C.**, Arpasrithongsakul, S. (2007). Situation of food and drug consumption in Mahasarakham University students. **Journal of Sciences and Technology.** Mahasarakham University 26(2): 186-194.
- Siriviboonkiti, K., **Ploylearmsang, C.** (2007). Development and testing of Happiness and related factors scale in Thai Elderly. **Journal of Department of health Service Support.** 3(4) July-September: 44-53.
- **Ploylearmsang, C.**, Ruttarom, R. (2007). Promoting Self-care behaviors of Diabetic patients by pharmacy-based home health care: University pharmacy. **Journal of primary care service in central part of Thailand.**

- Somporn Pothinam, Phit Saensak, Jongkol Poonsawat, Wirat Pansila, Chanisa Pansila, **Chanuttha Ploylearmsang**, Siritree Suttajit, Teabpaluck Sirithanawuttichai, Natchaporn Pichinarong (2009). Thai-elderly; Mahasarakham Province Context. **Srinagarind Med J** 2009; 24(3): 197-205.
- Issara Jummalee, Bhuddipong Suttayawongthip, **Chanuttha Ploylearmsang**. (2009). Self-learning evaluation in community's ways of life and health project among pharmacy students Mahasarakham University. **Journal of UbonRatchathani University**, 11(3) September-December: 197-205.
- Sookaneknun P, Suttajit S, **Ploylearmsang C**, Kanjanasilp J, Maleewong U. (2009). Health promotion integrated into a Thai PharmD curriculum to improve pharmacy practice skills. **Am J Pharm Educ**. 73(5):1-9.
- **Chanuttha Ploylearmsang**, Phayom Sookaneknun, Thanapong Poophalee, and Piyatida Pongruea. Diabetes and Hypertension Screening by Pharmacy Students in Thai Communities. **Am J Pharm Educ** 2013: April 77(3), Article 56: 1-7.
- **C Ploylearmsang**, K Tieankanitikul, J ChobPradit, S Suntorn, W Suwankasawong. Development of medicine list for screening and reducing medication-related problems in Thai elderly. **J Health Syst Res**. 2015; 77-95.
- Juntip Kanjanasilp, **Chanuttha Ploylearmsang**. A short term outcomes of pharmaceutical care in Thai patients with schizophrenia: a randomized controlled trial. **Songklanakarin Journal of Science & Technology** 2016. Mar-April 38 (2): 189-197.
- Sirinart Tongsir, **Chanuttha Ploylearmsang**, Katanyu Hawsutisima, Wachara Riewpaiboon, Viroj Tangcharoensathien. Modifying homes for persons with physical disabilities in Thailand. **Bulletin of the World Health Organization** 2017: February 95(2), 140-145.
- **Chanuttha Ploylearmsang**, Saithip Suthiraksa, Chopaka Wanasapdamrong, et al. Depression, Quality of Life and Factors Affecting the Risk of Depression in People Aged more than 50 years, Banmakok Community, Maha Sarakham. **Bulletin of Suanprung**. 2017; 33 (1), 14-30.
- Vanida Prasert, Manabu Akazawa, Aiko Shono, Farsai Chanjaruporn, **Chanuttha Ploylearmsang**, Kamolnut Muangyim, Thanased Wattanapongsatit, Uthen Sutin. Applying the Lists of Risk Drugs for Thai Elderly (LRDTE) as a mechanism to account for patient age and disease severity in assessing potentially inappropriate medication use. **Research in Social and Administrative Pharmacy** 2017, May 23.

- Kritsanee Saramunee, **Chanuttha Ploylearmsang**, Surasak Chaiyasong, Wiraphol Phimarn, Phayom Sookaneknun. 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. April 18(4).
- **Chanuttha Ploylearmsang**, Thanapong Poophalee, Pathinee Prataepa, et al. The content and legal correction of advertising food supplements and medications from radio in Banmakok community, Maha Sarakham Province. Public Health and Health Laws Journal. 2018; 4 (5), 443-457.
- Chinnawar Anupan, Sirinart Tongsiri, **Chanuttha Ploylearmsang**. The development of the community-based rehabilitation program for persons with physical disabilities in HinLekFai subdistrict, Kumeung district, Buriram province. The Journal of Baromarajonani College of Nursing, Nakhonratchasima. 2018; 24 (1), 72-90.
- C Phianthum, **C Ploylearmsang**, W Anusornsangiam. Outcome of Medication Errors Reduction Procedure in Phukieo Health Promoting Hospitals, Chaiyaphum Province. Isan Journal of Pharmaceutical Sciences. 2018; 14 (3), 116-129.
- Vanida Prasert, Aiko Shono, Farsai Chanjaruporn, **Chanuttha Ploylearmsang**, Keerataphan Boonnan, Apinan Khampetdee, Manabu Akazawa. Effect of a computerized decision support system on potentially inappropriate medication prescriptions for elderly patients in Thailand. Journal of Evaluation in Clinical Practice 2019. 25(3) June: 514-520.
- Kritsanee Saramunee, Tharinee Srisaknok, Surasak Chaiyasong, Somsak Arparsrithongsakul, **Chanuttha Ploylearmsang**, Thanapong Poophalee, Isara Chumalee. Learning outcomes from a 7-day health promotion camp organised by pharmacy students in community. Research in Social and Administrative Pharmacy. 15(1): e4, JAN 2019.
- **Chanuttha Ploylearmsang**, Juntip Kanjanasilp, Nusaraporn Kessomboon, Siritree Suttajit, Puckwipa Suwannaprom, Saksit Sripa, Ratchanok Sittichotiwong, Thitima Srimarueang, Siraprapa Sonsri, Pattarin Kittiboonyakun. Hospital Pharmacy Practice and the Way Forward for Pharmacy Education in Thailand. The Canadian journal of hospital pharmacy. 2019; 72(1) January-February 2019.
- K Patisonti, **C Ploylearmsang**, O Waleekhachonloet. The Satisfaction of Physicians and Pharmacists on the Efficiency of Computerized Alert System for

Screening Highrisk Drugs for the Elderly in community Hospitals. - ANPOR Annual Conference Proceedings, 2019.

- **C Ploylearmsang**, C Seehanart, D Chaitham. Outcomes and Benefits of Interprofessional Education Isan Journal of Pharmaceutical Sciences. 2020; 16 (3), 1-14.
- A Sittirapaporn, **C Ploylearmsang**. Developemt of Promotion Process for Antiretroviral Access in Sexual Partners of HIV infected Patients. Thai Bulletin of Pharmaceutical Sciences. 2020; 15 (1), 1-16
- **C Ploylearmsang**, S Tongsir, M Pirikannont, T Srisaknok. Effects of Home-Based Care Inter-Professional Education on Students' Outcomes: Mahasarakham University Experiences Medical Science Educator. 2021; 31 (2), 677-685.
- Pasitpon Vatcharavongvan, Vanida Prasert, **Chanuttha Ploylearmsang**, Viwat Puttawanchai. Prevalence and Factors that Influence Potentially Inappropriate Medication Use among Thai Elderly in Primary Care Settings. Canadian Geriatric Journal, 24(4), December 2021, 332-340.
- **C Ploylearmsang**. [Health professionalism and health profession education in the 21st century](#), MedEdPublish, 2021; 11 (3), 3
- Peerapong Poobal, **Chanuttha Ploylearmsang** and Pattarin Kittiboonyakun. Development of Warfarin Safety Monitoring System at Primary Health Care grounded on Chronic Care Model. Indonesian Journal of Pharmacy, 33(2), April 2022.
- **C Ploylearmsang**, C Somboon, U Namdee, S Suttiruksa. Managing health care needs of the elderly through an elderly care manager: Thailand. F1000Research 11 (680), 680

Presentations:

- Poster presentation in the 104th annual meeting of American Association of Colleges of Pharmacy (AACP), July 20-23, 2003, Minneapolis, Minnesota, USA. **Titled: Standard time of an Outpatient Prescription Processing at Samut Sakhon Hospital**
- Oral presentation in the 2005 annual conference of the Pharmaceutical Association of Thailand under Royal Patronage. April 30-31, 2004. Bangkok, Thailand. **Titled: Professionalism and Moral Reasoning of Thai Pharmacists in Three Practice Settings.**
- Poster presentation in the 7th International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual European Congress. October 24-26, 2004,

CCH Congress Centrum Hamburg, Hamburg, Germany. **Titled: Cost and Outcomes of the diabetes clinic in a community hospital, Mae Hong Son, Thailand**

- Oral presentation in the 20th Congress of Federation of Asian Pharmaceutical Associations (FAPA) 2004. November 30 -December 3, 2004, Central Plaza Bangkok Convention Center. **Titled: Development of the Professionalism model of pharmacist and pharmacy students in Thailand.**
- Poster presentation in the 37th American Association of College Pharmacy (ACCP) Annual Meeting. October 23–26, 2005. San Francisco, CA, USA. **Titled: Hospital pharmacists' professional satisfaction influenced by sense of calling and knowledge applicability.**
- Poster presentation in the 6th Asian Conference on Clinical Pharmacy (the 6th ACCP). July 6–9, 2006. Rajavithi Hospital Bangkok, Thailand. **Titled: Pharmaceutical care in patients with peptic ulcer at Mahasarakham University pharmacy.**
- Poster presentation in the 2nd Mahasarakham University Research. September 6-8, 2006. Mahasarakham, Thailand. **Titled: Can regular exercise prevent common cold?.**
- Poster presentation in the 21st Congress of Federation of Asian Pharmaceutical Associations (FAPA), November 18-21, 2006. Yokohama, Japan. **Titled: The Effects of Pharmacy Education and institutional socialization on students' professionalism and leadership**
- Poster presentation in the 3rd Asian Association of Schools of Pharmacy (AASP) Conference. October 25-28, 2007. Renaissance Makati City Hotel, Philippines. **Titled: Promoting Self-care behaviors of Diabetic patients by pharmacy-based home health care: University pharmacy.**
- Oral presentation in the 5th IndoChina Conference on Pharmaceutical Sciences. November 21-24, 2007. Bangkok, Thailand. **Titled: Cost-Effectiveness of Pharmaceutical Care for Hypertensive Patients at Borabue Hospital and Home Health Care at Kharmriang Sub district.**
- Poster presentation in the 4th National academic conference in General education (GE). March 17-19, 2008. ChiangMai, Thailand. **Titled: Classroom research in general education course: Consumer protection in public health pharmacy.**
- Poster presentation in the 2nd International Conference on Hypertension, Lipids, Diabetes & Stroke Prevention. March 6-8, 2008 in Prague, Czech Republic.

Titled: Outcomes of insulin counseling in outpatient of diabetic clinic at a general hospital.

- Oral presentation in the First Asia-Pacific Conference on Health Promotion and Education (APHPE) in Makuhari Messe, Chiba, Japan, July 18 - 20, 2009. **Titled: Integrating Health Promotion into PharmD Curriculum and Pharmacy Education: Experience from Mahasarakham University, Thailand**
- Poster presentation in The 20th World Diabetes Congress in Montreal Canada, October 18-22, 2009. **Titled: Diabetes screening in Thai community drugstores: effectiveness, unit cost and provider payment method**
- Poster presentation in The 3rd The Third International Conference for Improving Use of Medicine (ICIUM 2011) in Antalya, Turkey, November 14-18, 2011. **Titled: Cost Effectiveness of Simvastatin Compared with Atorvastatin for Low-Density Lipoprotein Cholesterol (LDL-C) in Diabetes Patients with Dyslipidemia at a General Hospital, Northeast of Thailand**
- Poster presentation in The 17th International Social Pharmacy Workshop (ISPW 2012) in Phuket, Thailand, July 23-26, 2012. **Titled: Effects of Community Participation and Health promotion Interventions on Type 2 Diabetes Screening and High Risk Diabetes People's Outcomes (The Best professional Poster Presentation Award)**
- Poster presentation: **Model of integrating community learning into Thai PharmD curriculum.** Poster presentation in The 21st US- Thai Education Consortium Conference in University of Maryland, USA. 28-30 May 2014.
- Poster presentation: **Promoting Medication Use with Generic Name in Medical and Pharmacy School, Mahasarakham University, Thailand.** in the 21st US-Thai Education Consortium Conference University of Maryland, USA 28-30 May 2014.
- Oral presentation: **Quality of Life of old and older Thai elderly and factors affecting on their quality of life.** Oral presentation in the 2nd Asian Network for Public Opinion Research (ANPOR) , Niigata, Japan, 30 November – 1 December 2014.
- Poster presentation: **Situation of high-risk medication use and adverse drug events in Thai elderly.** The ISPE's 9th Asian Conference on Pharmacoepidemiology, November 13-16, 2015.
- Oral presentation: **Sharing Experience in Inter-professional Learning.** The 2016 US- Thai Pharmacy School Consortium Conference. June 1–3, 2016. Pullman Raja Orchid Hotel, Khon Kaen.

- Oral Presentation: **Integrating Teaching Methods with a Pharmacy Practice Course: Maharakham University (MSU) Experience.** The 26th Federation of Asian Pharmaceutical Associations (FAPA) Congress 2016 “Integration Asian Pharmacy Wisdom for Better Global Health” November 9-13, 2016. Bitec-Bangna Bangkok.
- Oral Presentation: **Interprofessional Education (IPE): for Humanized Patient Home Care: A Collaboration of 5 Faculties: Faculty of Medicine, Faculty of Pharmacy, Faculty of Architecture Urban design and Creative Arts, Faculty of Nursing and Faculty of Informatics (Communication Arts) Maharakham University (MSU) 2016-2017.** August 22-25, 2017. Gunma University, Japan.
- Poster Presentation. **Factors Affecting on Attitude in Buying Dietary Supplement Product in a Rural Area.** Chanuttha Ploylearmsang, Thanapong Poophalee, Thanachporn Wanathip, Kanjana Koedsook, Thepvimol Lohanoot, Apinya Kiawsuntia. ANPOR-APCA Annual Conference 6-8 November 2019, Chiang Mai, Thailand. [\(Best Poster Presentation\)](#)
- Poster Presentation. **Satisfaction of Physicians and Pharmacists on Efficiency of Computerized Alert System for Screening High Risk Drugs for Thai Elderly in Community Hospitals.** Keerataphan Patisonti, Chanuttha Ploylearmsang, Onanong Waleekhachonloet. ANPOR-APCA Annual Conference 6-8 November 2019, Chiang Mai, THAILAND. [\(Best Poster Presentation\)](#)
- Oral Presentation Chanuttha Ploylearmsang.: entitles: **Interprofessional education in Thailand** in The 6th AASP Pharmacy Education Forum, 29-31 July 2021, Virtual Conference