

## CURRICULUM VITAE

### MISS TUANGRAT PHODHA

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Thailand 10220

Date of Birth: Monday 25<sup>th</sup> June 1984 Hometown: Suphanburi  
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#### EDUCATIONS:

2018 Ph.D. (Pharmacy Administration), Pharmacy Department,  
Faculty of Pharmacy, Mahidol University  
2014 Ph.D. visiting scholar 1-year, Institute of Health Policy Management & Evaluation,  
Faculty of Medicine, University of Toronto, Ontario, Canada  
2007 B.Pharm. with second class honours, Faculty of Pharmacy,  
Silpakorn University

#### EMPLOYMENT HISTORY:

<b>Year</b>	<b>Position</b>
Jun 2019 - Present	Lecturer, Department of Pharmaceutical Care, Faculty of Pharmacy Thammasat University, Rangsit Campus, Pathumthani
Oct 2018 – May 2019	Project coordinator, National Vaccine Institute, Nonthaburi
May – Sep 2018	Researcher, Chulabhorn Royal Academy, Bangkok
2017 - 2019	Pharmacist (part time), Central General Hospital, Bangkok
2010 - 2020	Pharmacist (part time), Pattana Medical Center Clinic, Bangkok
2009 - 2010	Program coordinator of “Antibiotics Smart Use”, Bureau of Drug Control, Food and Drug Administrative (FDA), Ministry of Public Health, Nonthaburi
2008 - 2013	Pharmacist, Bhumibol Adulyadej Hospital, Bangkok

#### SCHOLARLY AND PROFESSIONAL ACADEMIC ACTIVITIES

<b>Year</b>	<b>Scholarly and professional academic activities</b>	<b>Organization, Country</b>
2019	Lecturer of “Epidemiological and Economic burden of AMR” a part of The workshop for Fleming Fund Fellowship Recipients on Antimicrobial resistance	WHO Collaborating Centre for Antimicrobial Resistance Prevention and Containment, Siriraj Medical Research Center, Faculty of Medicine Siriraj Hospital, Mahidol University
2019	Lecturer of a workshop on how to use data collection tools for direct-nonmedical cost survey in tuberculosis patients in Thailand	Department of Disease Control, Ministry of Public Health, & Mahidol University, Thailand
2017-2018	Assistant researcher of “Cost analysis of prevention and promotion services” project (Researchers: Arthorn Riewpaiboon Orathai Kiewcharoen Piyanuch Batsoongnoen Thanawat Wongphan Win Techakehakij	National Health Security Office, Ministry of Public Health, & Mahidol University, Thailand

Year	Scholarly and professional academic activities (Noppcha Singweeratham)	Organization, Country
2017	Teaching assistant of “iDSI phase II-support HTS development in Jakarta, Indonesia”	Health Intervention and Technology Assessment Program, Thailand
2016	Teaching assistant of “Economic evaluation workshop”	Department of disease control, Ministry of Public health, Thailand
2014	Ph.D. Candidate joint training at Institute of Health Policy, Management and Evaluation (IHPME), Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada	
2012	Teaching assistant of “Cost analysis”	Thailand Nursing and Midwifery Council, Thailand
2011-2012	Researcher of “Quality Use of Medicine (QUM) research cluster”	Health System Research Institute, Ministry of Public Health, Thailand
2010 - 2018	Ph.D. Student of The Royal Golden Jubilee Ph.D. Program at Social, Economic and Administrative Pharmacy (SEAP), Pharmacy Department, Faculty of Pharmacy, Mahidol University	Mahidol University, Thailand

#### PUBLICATIONS:

Wongvisavavit R, Nantajit D, **Phodha T**. Cost-Effectiveness Analysis of Non-Mydriatic Ultrawide-Field Fundus Photography versus Pharmacological Pupil Dilatation in Diabetic Retinopathy Screening Program. *J Med Assoc Thai* 2021;104:1-7. doi.org/10.35755/jmedassocthai.2021.05.12238

**Phodha T**, Riewpaiboon A, Malathum K, Coyte PC. Annual relative increased in-hospital mortality from antimicrobial resistant nosocomial infections in Thailand. *Epidemiology and Infection*. 2019: 1-7. doi: 10.1017/S0950268818003436

**Phodha T**, Riewpaiboon A, Malathum K, Coyte PC. Excess annual economic burdens from nosocomial infections caused by multi-drug resistant bacteria in Thailand. *Expert Review of Pharmacoeconomics & Outcomes Research*. 2018: 1-8. doi: 10.1080/1473167.2019.1537123.

Shrestha P, Cooper BS, Coast J, Oppong R, Thuy NDT, **Phodha T**, et al. Enumerating the economic cost of antimicrobial resistance per antibiotic consumed to inform the evaluation of interventions affecting their use. *Antimicrobial Resistance and Infection Control*. 2018;7(98):1-9.

Phumart P, **Phodha T**, Thamlikitkul V, Riewpaiboon A, Prakongsai P, Limwattananon S. Health and Economic Impacts of Antimicrobial Resistant Infections in Thailand: A Preliminary Study. *Journal of Health Systems Research*. 2012 Jul-Sept 2012;6(3):352-60.

#### CONFERENCE:

2019 1<sup>st</sup> JoPPP Conference on Pharmaceutical Policy and Practice Research, Shah Alam, Malaysia, 28-29 August 2019.

Poster Presentation: **Phodha T**, Riewpaiboon A, Coyte PC, Malathum K. Impact of consultation with infectious disease specialists on inpatient mortality attributable to nosocomial infections.

2018 ISPOR Europe Conference, Barcelona, Spain, 10-14 November 2018.

Poster Presentation: **Phodha T**, Riewpaiboon A, Coyte PC, Malathum K. Excess annual mortality from nosocomial infections caused by multi-drug resistant bacteria in Thailand.

2015 RGJ-Ph.D. Congress XVI, Chonburi, Thailand, 11-13 June 2015.

Poster Presentation: **Phodha T**, Riewpaiboon A, Malathum K, Coyte PC Epidemiological and Economic Burden of Antimicrobial resistance (AMR) in a teaching hospital

2012 ISPOR 5<sup>th</sup> Asia Pacific Conference, Taipei, Taiwan, 2-4 September 2012.

Poster Presentation: **Phodha T**, Riewpaiboon A, Coyte PC, Thamlikitkul V. Antimicrobial Resistance (AMR) Situation Review in Thailand

TECHNICAL SKILLS: Information management, data analysis (STATA and SPSS ), bibliographic database (EndNote), and communications software

RESEARCH PROJECTS:

Year	Research projects	Researchers	Organization	Funding agency
2021	Down syndrome screening using non-invasive prenatal test (NIPT) in Thailand: A health technology assessment	Tuangrat Phodha Noppcha Singweeratham Kednapa Thavorn	Faculty of Pharmacy, Thammasat University Kanchanabhishek Institute of Medical and Public Health Technology School of Epidemiology and Public Health, University of Ottawa	Granter: Health System Research Institute, Ministry of Public Health, Thailand Project manager: Universal Coverage Benefit Package Secretariate
2020	Clinical effectiveness and economic evaluation of vancomycin area under the curve monitoring	Kittiya Junthornthaniwat Tuangrat Phodha Sirikorn Sujinnaprum Natchakan Kerdchaiwiwat Panikka Klanhun Supanida ujjin Natthapat Onratauy Anucha Abhisarntharak Thanawat Wongphan	Faculty of Pharmacy, Thammasat University  Faculty of Medicine, Thammasat University Ban Moh Hospital, Saraburi	Faculty of Pharmacy, Thammasat University
2020	A costing and exploratory study of new normal health services in Thailand	Tuangrat Phodha Win Techakehakij Noppcha Singweeratham Kednapa Thavorn Onwipa Rochanathomoke	Faculty of Pharmacy, Thammasat University Lampang Hospital Kanchanabhishek Institute of Medical and Public Health Technology School of Epidemiology and Public Health, University of Ottawa Independent researcher	Division of Health Economics and Health Security
2020	Net Benefit Analysis of	Tuangrat Phodha Thanawat Wongphan	Faculty of Pharmacy, Thammasat University Ban Moh Hospital, Saraburi	Faculty of Pharmacy, Thammasat University

<b>Year</b>	<b>Research projects</b>	<b>Researchers</b>	<b>Organization</b>	<b>Funding agency</b>
	Intravenous Immunoglobulin in patients with Guillain-Barré syndrome	Siripassorn Saengkijjapon Krissada Ritthigerd Kongkiat Kulkantrakorn Tananat Srisaeng-ngoen	Faculty of Medicine, Thammasat University  Thammasat University Hospital	
2020	Assessment of the pilot program on drug-dispensing services in pharmacies to reduce hospital overcrowding phase II Maharaj Nakhon Ratchasima Hospital	Tuangrat Phodha Noppcha Singweeratham  Cha-oncin Sooksriwong	Faculty of Pharmacy, Thammasat University Kanchanabhishek Institute of Medical and Public Health Technology Faculty of Pharmacy, Thammasat University	Health Intervention Technology Assessment Program, Thailand
2020	Assessment of the pilot program on drug-dispensing services in pharmacies to reduce hospital overcrowding phase II Saraburi Hospital	Tuangrat Phodha Kusawadee Maluengnon Pawalee Niumthavorn Cha-oncin Sooksriwong	Faculty of Pharmacy, Thammasat University	Health Intervention Technology Assessment Program, Thailand
2020	Cost assessment of the pilot program on drug-dispensing services in pharmacies to reduce hospital overcrowding	Tuangrat Phodha  Noppcha Singweeratham  Win Techakehakij Thanawat Wongphan	Faculty of Pharmacy, Thammasat University Kanchanabhishek Institute of Medical and Public Health Technology Lampang Hospital Ban Moh Hospital, Saraburi	Health Intervention Technology Assessment Program, Thailand

<b>Year</b>	<b>Research projects</b>	<b>Researchers</b>	<b>Organization</b>	<b>Funding agency</b>
2019	Development of Tool and Measurement of Rational Drug Use Literacy of Thai People	Tuangrat Phodha Kusawadee Maluengnon Penkarn Kanjanarat Somying Pumthong	Faculty of Pharmacy, Thammasat University Faculty of Pharmacy, Thammasat University Faculty of Pharmacy, Chiang Mai University Faculty of Pharmacy, Mahidol University	Health System Research Institute, Ministry of Public Health, Thailand
2018-2019	Feasibility of Cost-sharing for new vaccines in Thailand	Tuangrat Phodha Sirirat Techathawat Arthorn Riewpaiboon Nakorn Prensri	National Vaccine Institute	National Vaccine Institute
2018-2019	Feasibility study of Legal Framework on Immunization for Thailand	Tuangrat Phodha Sirirat Techathawat Nakorn Prensri	National Vaccine Institute	National Vaccine Institute
2019	Systematic review of AMR research mapping in Thailand	Tuangrat Phodha	Faculty of Pharmacy, Thammasat University	Food and Drug Administration
2016-2018	Cost analysis on Health Promotion and Prevention Services	Arthorn Riewpaiboon Orathai Kiewcharoen Piyanuch Batsoongnoen Thanawat Wongphan Win Techakehakij Noppcha Singweeratham Tuangrat Phodha	Faculty of Pharmacy, Mahidol University and Ministry of Public Health	National Health Security Office

ADDITIONAL WORKSHOPS:

Year	Workshops / Training courses and seminars	Organization
2021	Systematic Review, Meta-analysis, & Network Meta-analysis	Faculty of Pharmacy, Thammasat University and School of Pharmacy Science, University of Phayao
2021	Teaching Vaccine Economics Everywhere (TVEE)	Johns Hopkins Bloomberg School of Public Health, USA and Faculty of Pharmacy, Mahidol University, Thailand
2019	2 <sup>nd</sup> Project Manager Workshop - Innovation commercialization Financial and market feasibility analysis	National Vaccine Institute and Chulalongkorn University
2018	1 <sup>st</sup> Project Manager Workshop - Projects in contemporary organizations - Strategic management and project selection - The project manager - Conflict and negotiation - The project in organizational structure - Budgeting; estimating costs and risks - Scheduling - Resource allocation - Monitoring and information systems - Project control - Project auditing - Project termination	National Vaccine Institute and International Society for Pharmaceutical Engineering Thailand
2018	Good Clinical Practice	HRH Princess Chulabhorn College of Medical Science, Chulabhorn Royal academy and Medical Research Network Schools, Thailand
2018	Ethics in human subjects research	Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand
2018	Good Clinical Practice and Research Drug	Collaborative Institutional Training Initiative (CITI) and Mahidol University
2014		University of Toronto, ON, CA
		<i>Professor</i>
	Economic Evaluation Method for Health Services Research	Prof.Peter C. Coyte
	Health Econometrics	Prof.Audrey Laporte
	Advanced Health Economics and Policy Analysis I	Prof.Audrey Laporte
	Advanced Health Economics and Policy Analysis II	Prof.Audrey Laporte
	Advanced Method in Economic Evaluation	Prof.Jeffrey Hoch
	Advanced Health Policy Analysis	Prof.Fiona Miller/ Prof.Paul Williams
	Decision Modelling for Clinical Policy and Economic Evaluation	Prof.David Naimark
	Seminar of the Canadian Centre for Health Economics (CCHHE) Health Economics series	Prof.Audrey Laporte

<b>Year</b>	<b>Workshops / Training courses and seminars</b>	<b>Organization</b>
	Health Technology Assessment (HTA) seminar	Prof. Jeffrey Hoch
	Developing and pitching a research project	Dr. Jane Freeman
	Strategies for improving writing and speaking in English	Dr. Dan Riccardi
	Listening and speaking in academic settings	Dr. Dan Cornish
	Getting through graduate work	Dr. Rachael Cayley
	Working with sources	Dr. Peter Grav
2013	Ethics in human subjects research	Faculty of Graduate, Mahidol University, Thailand