

Curriculum Vitae

Sirinya Phulkerd

(As of March 2019)

1. Contact:

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Mahidol University Salaya,
Phutthamonthon, Nakhon Pathom
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2. Key areas of research:

Policy analysis, monitoring and evaluation, childhood obesity, food and nutrition system

3. Education:

2017 Doctor of Philosophy in Food Policy
Deakin University, Australia

2010 Master of Philosophy in Public Health and Policy
London School of Hygiene & Tropical Medicine, United Kingdom

2004 Master of Science in Biological Sciences
University of Massachusetts, United States of America

2000 Bachelor of Science in Biotechnology
Mahidol University, Thailand

4. Professional experiences:

2017-present Lecturer, Institute for Population and Social Research (IPSR), Mahidol
University

2016-2017 Research Analyst, Country Case Study Project for Policies for Prevention
and Control of NCDs, the World Bank

2012-2014 Manager, Food and Nutrition Policy for Health Promotion Program (FHP)

2010-2014 Researcher, Health Promotion Policy Research Center (HPR),
International Health Policy Program (IHPP), Thailand

2006-2007	Research Assistant and Coordinator, Health Outcome Evaluation Study in Thailand Project, International Health Policy Program (IHPP), Thailand
2005-2007	Research Assistant and Coordinator, Thailand Burden of Diseases and Injuries Unit, International Health Policy Program (IHPP), Thailand

5. Honors and awards:

Nov 2018	Erasmus+ Teaching Mobility Fellowship at University of Bonn, Germany
Jun 2016	Outstanding Oral Presentation Award of the 7 th International Graduate Students Conference on Population and Public Health Sciences (IGSCPP), Thailand
May 2015	Best Poster Presentation Award of the 2021 International Congress of Nutrition (ICN) Preparation Committee, Japan
Apr 2014-2017	Deakin University Postgraduate Research Scholarship, Deakin University (Doctor of Philosophy)
Oct 2011-Jun 2013	Strengthening Thai Capacity for Health Promotion Program Fellowship (STRETCH), Thai Health Promotion Foundation
Jul-Aug 2011	AusAID's Australian Leadership Awards Fellowships –Regional Collaboration to Childhood Obesity Program
Jan 2008-Mar 2010	World Health Organization Postgraduate Scholarship (Master of Philosophy)

6. Membership:

2014-present	Member of Policy & Prevention Scientific & Technical Advisory Network (P&P STAN), World Obesity Federation
2014-2017	Country representative (public and private-sector policy monitoring modules) of the International Network for Food and Obesity/NCDs Research, Monitoring and Action Support (INFORMAS)

7. Publications:

International level

Articles

2019	Kunpeuk W, Spence W, Phulkerd S , Supanchaimat R, Pitayarangsarit S. The impact of gardening on nutrition and physical health outcomes: a systematic review and meta-analysis. <i>Health Promotion International</i> 2019;1-12.
2019	Cetthakaikul N, Phulkerd S , Jaichuen N, Sacks G, Tangcharoensathien V. Assessment of the stated policies of prominent food companies related

- to obesity and non-communicable disease (NCD) prevention in Thailand. *Globalization and Health* 2019 15:12.
- 2019 Stefanie Vandevijvere, Simon Barquera, Gabriela Caceres, Camila Corvalan, Tilakavati Karupaiah, Maria Fernanda Kroker-Lobos, Mary Labbe, See Hoe Ng, **Sirinya Phulkerd**, Manuel Ramirez-Zea, Salome Rebello, Marcela Reyes, Gary Sacks, Carmen María Sánchez Nóchez, Karina Sanchez, David Sanders, Mark Spires, Rina Swart, Viroj Tangcharoensathien, Anna Taylor, Lizbeth Tolentino-Mayo, Lana Vanderlee, Fiona Watson, Boyd Swinburn. An 11-country study to benchmark the implementation of recommended nutrition policies by national governments using the Healthy Food Environment Policy Index, 2015-2018. *Obesity Reviews* 2019:1-10.
- 2018 Jaichuen N, **Phulkerd S**, Cettthakaikul N, Sacks G, Tangcharoensathien V. Corporate political activity of major food companies in Thailand: an assessment and policy recommendations. *Globalization and Health* 2018 14:115.
- 2018 Jaichuen N, Vandevijvere S, Kelly B, Vongmongkol V, **Phulkerd S**, Tangcharoensathien V. Unhealthy food and non-alcoholic beverage advertising on children's, youth and family free-to-air and digital television programmes in Thailand. *BMC Public Health* 2018 18:737.
- 2017 **Phulkerd S**, Sacks G, Vandevijvere S, Worsley A, Lawrence. Barriers and potential facilitators to the implementation of government policies on front-of-pack food labeling and restriction of unhealthy food advertising in Thailand. *Food Policy* 2017 71:101-110.
- 2017 **Phulkerd S**, Vandevijvere S, Lawrence M, Tangcharoensathien V, Sacks G. Level of implementation of best practice policies for creating healthy food environments: assessment by state and non-state actors in Thailand. *Public Health Nutrition* 2017 Feb;20(3):381-390.
- 2016 **Phulkerd S**, Lawrence M, Vandevijvere S, Sacks G, Worsley A, Tangcharoensathien V. A review of methods and tools to assess the implementation of government policies to create healthy food environments for preventing obesity and diet-related non-communicable diseases. *Implementation Science* 2016 11:15.
- 2011 Bundhamcharoen K, Odton P, **Phulkerd S**, Tangcharoensathien V. Burden of disease in Thailand: Changes in health gap between 1999 and 2004. *BMC Public Health* 2011 11:53.

Reports

- 2019 Osornprasop S, **Phulkerd S**, Gowachirapant S. Lessons Learned from Thailand's Obesity Prevention and Control Policies (English). Washington, D.C.: World Bank Group.
- 2012 Pudpong N, **Phulkerd S**, Aukayangul J, Nisachol Cettthakrikul, Kunpeuk W, Chadbunchachai S, Ingviya T, Phakthongsuk P, Prakongsai P. Research for health by non-health sectors in Thailand: A literature review. July 2012. WHO to Thailand.

Book

2013 **Phulkerd S**, Phonsuk P (eds). 2013. 2013 FHP annual report (English and Thai version). Nonthaburi: Food and Nutrition Policy for Health Promotion Program (FHP).

Translation

2013 Kunpeuk W, **Phulkerd S**, Akayanakul J, Jaichuen N, Thamarangsri T. 2013. Set of recommendations on the marketing of foods and non-alcoholic beverages to children (in Thai). Translation from the original version published by World Health Organization in 2010. Nonthaburi: Food and Nutrition Policy for Health Promotion Program, International Health Policy Program (IHPP).

National level

Articles (selected)

- 2015 Jaichuen N, Kunpeuk W, **Phulkerd S**, Thamarangsi T. Gaps and opportunities of policy implementation in Thailand to comply with WHO's set of recommendations on the marketing of foods and non-alcoholic beverages to children. *Journal of Health Science* 2014;9:213-26.
- 2015 Kunpeuk W, Cetthakrikul N, **Phulkerd S**, Pongcharoen T, Udomkarnjananan S, Ponguttha S, Thamarangsi T. Situation of food provision in child care centers in Thailand. *Journal of Health Science* 2015; 24:621-35.
- 2015 Jaichuen N, Kunpeuk W, **Phulkerd S**, Thamarangsi T. Food Industries Marketing Communication Strategies and Laws food and non-alcoholic beverages in Thailand. *Journal of Journalism* 2015;8:171-90.
- 2015 Jaichuen N, **Phulkerd S**, Thamarangsi T. Evolution of advertising regulations of food and beverages with high sugar, fat, and sodium in Thailand and foreign countries. *Journal of Health Systems Research* 2015 Jan-Mar;9(1).
- 2013 Jaichuen N, **Phulkerd S**, Chaisong S, Thamarangsi T. Purchasing and Eating of Food and Beverages in Primary 6 Students. *Journal of Health Systems Research* 2013 Jan-Mar;7(1).
- 2013 Phonsuk P, **Phulkerd S**, Thamarangsi T. Feasibility of Food and Beverage Taxation to Tackle Overweight and Obesity in Thailand: Stakeholders' Views from the Public Hearing. *Journal of Health Science* 2013; 22:157-71.
- 2012 Jaichuen N, Phonsuk P, **Phulkerd S**, Chaisong S, Thamarangsi T. Recognition of Food Brand Logo in Primary 6 Students. *Journal of Health Systems Research* 2012 Jan-Mar;6(1).
- 2012 **Phulkerd S**, Knai C, Lock K. Stakeholders' perceptions of factors influencing fast food consumption in Thai adolescents. *Journal of Health Science* 2012 Jan-Feb;21(1).
- 2011 Thamarangsi T, Pitayarangsarit S, Iampradit P, **Phulkerd S**, Ponguttha S, Waleewong O, Limwattanayingyong A. NCD gaps and opportunities in addressing noncommunicable diseases in Thailand with WHO's best

buys and good buys interventions. *Journal of Health Systems Research* 2011 Oct-Dec;5(4).

Books

- 2013 Jaichuen N. 2013. Food and drinks marketing and promotion to children: Thailand Regulation and legislation (in Thai). In: Thamarangsri, T. & **Phulkerd, S.** (eds.). Nonthaburi: Food and Nutrition Policy for Health Promotion Program
- 2012 Jaichuen N, Kunpeuk W. 2013. Hidden marketing strategies of three highs food: Tricking adults, trapping children (in Thai). In: Thamarangsi, T. & **Phulkerd, S.** (eds.). Nonthaburi: Food and Nutrition Policy for Health Promotion Program.

8. Professional activities:

Invited speaker (selected)

- Aug 2016 “INFORMAS Food-EPI Process: experience from Thailand. The International Development Research Centre (IDRC)” at the Baseline Training Workshop, Seri Pacific Hotel, Kuala Lumpur, Malaysia. 15-16 August 2016.
- Sep 2015 “Experiences from middle income countries: Thailand” at INFORMAS Symposium on ‘Benchmarking food environments: Country experiences’ in the 9th International Conference on Dietary Assessment Methods, 2nd September 2015, Brisbane Convention & Exhibition Centre, Brisbane, Australia.
- Jul 2015 “Training workshop on qualitative research analysis for Strengthening Capacity on Disease Control Policy & System (DCSR) Fellowship Program” at Mida Hotel, Nonthaburi, Thailand
- Nov 2014 “PhD student Showcase” at the meeting of Center for Research Excellence for Obesity Policy and Food Systems (CRE), Burwood Corporate Centre, Deakin University.
- Jan 2013 “Policy movement: School food” at Asia Airport Hotel, Nonthaburi Thailand.

Selected abstracts presented and published at professional conferences (selected)

- Aug 2016 **Phulkerd S**, Vandevijvere S, Tangcharoensathien V, Lawrence M, Sacks G. Assessment of government performances in implementing best practice food environment policies in Thailand by state versus non-state actors. Presented at the World Nutrition, 29th August–2nd September 2016, Cape Town, South Africa. (Oral)
- Sep 2015 **Phulkerd S**, Lawrence M, Vandevijvere S, Sacks G, Worsley T, Tangcharoensathien V. Assessing the quality of methods and tools used for monitoring and evaluating the implementation of policies to promote healthy food environments. Presented at the 9th International Conference

- on Dietary Assessment Methods, 1st-3rd September 2015, Brisbane Convention & Exhibition Centre, Brisbane, Australia. (Poster)
- May 2015 **Phulkerd S**, Lawrence M, Vandevijvere S, Worsley T, Sacks G. A review of previous efforts to monitor and evaluate the implementation of healthy food environment policies by governments. Presented at the 12th Asian Congress of Nutrition, 14th-18th May 2015, Pacifico Yokohama, Japan. (Poster)
- Sep 2014 **Phulkerd S**, Lawrence M. Reviewing monitoring and evaluation activities for healthy food environment policies. Presented at the 10th Research Degree Symposium of School of Exercise and Nutrition Sciences, 5th September 2014, Amora Hotel, Melbourne, Australia. (Oral)

Other professional activities (selected)

- 2016-present External peer reviewer for project grant application to Food and Nutrition Policy for Health Promotion Program
- 2014-present External peer reviewer for project grant application to Thailand Health Promotion Foundation
- 28 Nov 2017 Moderator, Session on ‘assessing the existing international trade agreements: positive and negative impacts on health/health systems in Thailand’, International Trade and Health [ITH] Conference 2017, Dusit Thani Hotel, Bangkok, Thailand
- 8-9 Jun 2015 Facilitator, Policy Brief workshop at Impact Arena, Muang Thong Thani, Nonthaburi, Thailand
- 7-8 Apr 2015 Rapporteur, The 3rd ASEAN Senior Official Meeting on Health Development (SOMHD), Sukosol Hotel, Bangkok, Thailand

9. Granted program/projects (selected):

- 2019-2022 *Governing harmful commodities: the case of ultra-processed foods*
Co-principal investigator (with Prof Sharon Friel, Dr Anne Marie Thow, Dr Ashley Schram, Dr Carmen Huckel Schneider, Prof Jeff Collin, Dr Jillian Wate), funded by Australian Research Council
- 2019-2021 *Childhood obesity policy research project (with 7 research packages)*
- *Factor analysis of childhood obesity in Thailand*
 - *Forecast of childhood obesity prevalence in Thailand*
 - *Impact evaluation of school-based interventions in Thailand*
 - *Cost-effectiveness analysis of childhood obesity prevention interventions in Thailand*
 - *Analysis of media landscape, and media consumption and media health literacy among Thai children*
 - *Assessment of government policies for childhood obesity prevention against WHO’s Ending Childhood Obesity Framework*
 - *Analysis of international experiences for successful implementation of childhood obesity prevention*
- Principal investigator**, funded by Thai Health Promotion Foundation

- 2018-2019 *Maternal dietary intakes and nutrition status in ASEAN countries: Strengthening data analysis for policy and program*
Co-principal investigator (with Institute of Nutrition), funded by Bill & Melinda Gates Foundation
- 2018-2019 *Fruit and vegetable (FV) eating behavior and people's perceptions and attitudes of FV policy implementation in Thailand*
Principal investigator, funded by Thai Health Promotion Foundation
- 2018-2019 *Monitoring of sugar-sweetened beverage (SSB) consumption among Thai people, after endorsement of SSB taxation in September 2017*
Principal investigator, funded by Dental Health Division, Department of Health
- 2018 *Pre-proposal development on childhood overweight and obesity policy research plan in Thailand*
Principal investigator, funded by Thai Health Promotion Foundation
- 2018 *A systematic review of effectiveness of obesity interventions in adults: reduction in body mass index and waist circumference*
Principal investigator, funded by Bureau of Health Promotion, Department of Health
- 2018 *Cost-effectiveness of salt reduction interventions in Thailand using OneHealth tool*
Co-principal investigator (with International Health Policy Program), funded by Food and Nutrition Policy for Health Promotion Program
- 2016 *Assessment of food industry policies and practices to create healthy food environments for preventing obesity and diet-related non-communicable diseases in Thailand*
Principal investigator, funded by WHO Thailand
- 2015-2016 *The analysis of the implementation of public sector policies and actions to promote healthy food environments to prevent obesity and diet-related NCDs in Thailand,*
Principal investigator, co-funded by Thai Health Promotion Foundation and WHO Thailand
- 2013 *Food and Nutrition Policy for Health Promotion Program (FHP) Annual Report (English version)*
Editor, funded by WHO Thailand
- 2013 *Understanding of different Front-of-Package nutrition labelling formats among Thais*
Principal investigator, funded by Strengthening Thai Capacity for Health Promotion (STRETCH) Program
- 2012-2014 *Food and Nutrition Policy for Health Promotion Program (FHP)*
Program Manager, funded by Thailand Health Promotion Foundation
- 2012-2013 *Stakeholders' opinions on beverage taxation policy in Thailand*
Principal investigator, funded by Strengthening Thai Capacity for Health Promotion (STRETCH) Program