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Education

Degree	Field of study	University or institute (country)	Graduation year
Ph.D.	Nutrition and Food Management	Oregon State University, USA	2004
M.Sc.	Public Health	Mahidol University	1997
B.N.		Thai Red Cross College of Nursing, Thailand	1992

Research expertise

1. Geriatric Nutrition
2. Nutrition and Behavior
3. Nutritional Assessment

Research interests

1. Food and Nutrition in the Elderly Group
2. Health Promotion with Food and Nutrition
3. Nutritional Assessment from Dietary Consumption

Research projects

1. on-going

- **Principal investigator:** Dietary intake and quality of Thai population and their associations with socio-demographics health status and nutritional status: The 4th-6th Thai National Health Examination Surveys

2. completed

- **Principal investigator:** Nutritional status, food experience and physical activity among children with visual impairment
- **Principal investigator:** Body image, food consumption pattern, and physical activities in grade 7-11 students
- **Principal investigator:** Relations of fats and fatty acids with the health status and risks of some certain noncommunicable disease occurrences: The 4th National Health Examination Survey, 2008-2009
- **Principal investigator:** Development and validity test of semi-quantitative food frequency questionnaire under the population-based cohort study in Roi Et Province
- **Principal investigator:** Development and validity test of self-dietary assessing tool for patients with gastrointestinal tract disease
- **Co-investigator:** An examination of factors influencing toddler's beverage consumption in four countries
- **Researcher:** Exposure to the marketing of infant and growing up formulae, and perception of these products: a survey in mothers with 0-2 year old children
- **Researcher:** Dietary iron intake and availability, and the effect of body fat distribution on serum iron markers, in overweight and normal weight adolescents in a Thai secondary school
- **Researcher:** Beverage consumption in relation to energy and nutrient intakes and weight status, among grade 7 to 11 students
- **Researcher and Academic Expert:** The 6th Thailand National Health Examination Survey (as) focusing on the health issue: The eating behavior, eating pattern and nutritional status are the fundamental factor of health and modifiable for maintaining the good health and reducing the disease risks. (A person in charge of this issue)

- **Researcher and Academic Expert:** The 5th Thailand National Health Examination Survey (as) focusing on the health issue: The eating behavior, eating pattern and nutritional status are the fundamental factor of health and modifiable for maintaining the good health and reducing the disease risks. (A person in charge of this issue)
- **Co-investigator:** The nutritional status improvement among officers in Faculty of Public Health, Mahidol University
- **Researcher and Academic Expert:** The 4th Thailand National Health Examination Survey (as) focusing on the health issue: The eating behavior, eating pattern and nutritional status are the fundamental factor of health and modifiable for maintaining the good health and reducing the disease risks. (A person in charge of this issue)

Publications

1. National

- 2023 • Sarachantapong P, Vatanasomboon P, **Satheannoppakao W**, Pongcharoen T. Effectiveness of food provision empowerment training in child care centers on knowledge, self-efficacy, practice, and quality of food provision. Journal of Nutrition Association of Thailand 2023;58 (1):53-67.
- 2020 • Siripitchtrakul P, Vatanasomboon P, **Satheannoppakao W**, Sujirarat D. Nutrition literacy among grade 9 students of Bangkok Metropolitan Administration schools. THJPH 2020; 50(1): 61-75.
- 2019 • Mangkalard P, Beethomas P, Sangopas P, Hutchinson C, **Satheannoppakao W**, Tipayamongkholgul M. Comparison of social-media-based and paper-based education tools aimed at improving knowledge of folate and neural tube defects in female university students. Thai Journal of Public Health 2019; 49(3): 377-87.
- Kaikaew S, Lilitchan S, **Satheannoppakao W**, Krisnangkura K. The study of physical and chemical properties and oxidative stability of rice bran oil, canola oil and Camellia oleifera seed oil. Agricultural Sci J 2019; 50(2)(Suppl.): 9-12.

- Lalaeng T, Vatanasomboon P, **Satheannoppakao W**. Effects of health education program for changing snack consumption behavior among grade 5 students. *Journal of Health Education* 2019; 42(2): 12-22.
- Lamjing K, Vatanasomboon P, **Satheannoppakao W**. The effects of health education program for promoting appropriate consumption of sugar-sweetened beverages among grade 5 students. *Journal of Health Education* 2019; 42(1): 93-105.
- 2015 ● Phosat C, Soontornnon S, Suansawang W, **Satheannoppakao W**, Tipayamongkhogul M, Chompooseang T. Self-dietary assessment tool development for gastrointestinal surgery patients, pre/post-operative. *Journal of Public Health* 2015; 45(1): 28-45.
- 2013 ● Rattanasiri M, Satheannoppakao W, Kasemsup R, Tipayamongkhogul M. Computer usage patterns and their association with nutritional status in female students grade 10-12. *Journal of Public Health* 2013; 43(1): 17-29.
- 2012 ● Watchjakwane N, **Satheannoppakao W**, Temcharoen P, Pandii W. Effect of nutrition promotion program on changes in food consumption and physical activity for cardiovascular disease risk prevention in pre-menopausal women. *Journal of Public Health* 2012; 42(2): 4-16.
- Nakkling Y, Rawoworrakul T, Tachaboonsarm P, **Satheannoppakao W**. Effects of self-efficacy theory application on diet control, exercise behaviors and blood pressure among older adults with hypertension. *JBCNB* 2012; 28(1): 60-70.
- 2011 ● Poosri S, **Satheannoppakao W**, Satthaporn S, Vatanasomboon P, Satitvipavee P. Progress in stages of change of eating behavior to delay bone mass loss in breast cancer patients. *Journal of Public Health Special Issue*, 2011: 52-63.
- 2010 ● Watchjakwane N, Temcharoen P, Pandii W, **Satheannoppakao W**. Nutrition promotion program applying self-efficacy theory for physiological risk prevention of cardiovascular disease in female teachers. *Journal of Public Health* 2010; 40(1): 40-52.

- 2008 • **Satheannoppakao W**, Temcharoen P, Chongsuwat R, Utrarachkij F, Pradipasen M. Behavioral modification model for the nutritional status improvement among officers in a public health academic institute. *Journal of Public Health* 2008; 38(3): 304-316.
- 2007 • **Satheannoppakao W**, Chongsuwat R, Aekplakorn W, Pradipasen M. Vegetable and fruit consumption patterns among Thai population across four regions and the metropolitan: Thailand National Health Examination Survey III. *J Health Syst Res* 2007; 1(2): 116-131.

2. International

- 2025 Nguyen HT, Suwanbamrung C, Wattanapisit A, **Satheannoppakao W**, Nguyen T, Truong NT, et al. Cultural contexts meet clinical precision: A systematic review and meta-analysis of sarcopenia screening tools in global aging communities. *Journal of Posthumanism* 2025; 5 (5): 1735-69.
- 2023 Chalernsri C, Rahman SM, Ekström E-C, Ziaei S, Aekplakorn W, **Satheannoppakao W**, Muangpaisan W. Dietary diversity predicts the mortality among older people: Data from the fifth Thai national health examination survey. *Arch Gerontol Geriatr* 2023;110:104986. doi: 10.1016/j.archger.2023.104986.
- 2022 • Chalernsri C, Rahman S, Ekström EC, Muangpaisan W, Aekplakorn W, **Satheannoppakao W**, et al. Socio-demographic characteristics associated with the dietary diversity of Thai community-dwelling older people: results from the national health examination survey. *BMC Public Health* 2022; 22: 377. <https://doi.org/10.1186/s12889-022-12793-x>
- Chalernsri C, Ziaei S, Ekström E-C, Muangpaisan W, Aekplakorn W, **Satheannopakao W**, et al. Dietary diversity associated with risk of cardiovascular diseases among community-dwelling older people: A national health examination survey from Thailand. *Front Nutr* 2022; 9:1002066. doi: 10.3389/fnut.2022.1002066.

- Phodhichai T, **Satheannoppakao W**, Tipayamongkholgul M, Hutchinson C, Sasat S. Development of a protein energy malnutrition screening tool for older Thais in public residential homes. *Public Health Nutrition* 2022; 25(3): 565-577.
doi:10.1017/S1368980021004250
- 2021 ● Willcox JC, Februhartanty J, **Satheannoppakao W**, Hutchinson C, Itsiopoulos C, Worsley A. Commercial growing up milks: usage frequency and associated child and demographic factors across four Asia Pacific countries. *J Hum Nutr Diet* 2021; 00: 1–10. DOI: 10.1111/jhn.12851
- 2020 ● Sinkitjasub A, Chamroonswasd K, Vatanasomboon P, **Satheannoppakao W**, Charupoonphol P. Assessment of maternal factors associated with overweight and obesity among primary school children in Bangkok, Thailand. *Southeast Asian J Trop Med Public Health* 2020; 51(5): 618-633.
- Sang-Ngoen D, Hutchinson C, **Satheannoppakao W**, Tipayamongkholgul M. Dietary iron intake and availability in hill tribe and urban women, Chiang Rai Province, Northern Thailand. *Ecol Food Nutr* 2020; 59(4): 399-419.
- 2019 ● Sang-Ngoen D, Hutchinson C, **Satheannoppakao W**, Tipayamongkholgul M. Food consumption and accessibility in hill tribe and urban women, Chiang Rai province, Northern Thailand. *Ecol Food Nutr* 2019; 58 (4): 335-352.
- 2017 ● Thongprasert C, Hutchinson C, **Satheannoppakao W**, Tipayamongkholgul M. Dietary iron intake and availability are related to maternal education level in overweight/obese adolescents. *Eur J Nutr* 2017; 57(6): 2249-2260.
- Buntuchai G, Pavadhgul P, Kittipichai W, **Satheannoppakao W**. Traditional galactagogue foods and their connection to human milk volume in Thai breastfeeding mothers. *J Hum Lact* 2017; 33(3): 552-559.
- 2016 ● Somsri P, **Satheannoppakao W**, Tipayamongkholgul M, Vatanasomboon P, Kasemsup R. A cosmetic content-based nutrition education program improves fruit and vegetable consumption among grade 11 Thai students. *J Nutr Educ Behav* 2016;48:190-198.

- 2015 • **Satheannoppakao W**, Kasemsup R, Nontarak J, Kessomboon P, Putwatana P, Taneepanichskul S, et al. Energy and macronutrient intakes and food sources in preschool children: Thai NHES IV. J Med Assoc Thai 2015;98 (10): 957-967.
- Aekplakorn W, **Satheannoppakao W**, Putwatana P, Taneepanichskul S, Kessomboon P, Chongsuvivatwong V, et al. Dietary Pattern and Metabolic Syndrome in Thai Adults. J NutrMetab 2015; 2015: ID468759. doi: 10.1155/2015/468759.
- 2013 • **Satheannoppakao W**, Kasemsup R, Inthawong R, Chariyalertsak S, Sangthong R, Taneepanichskul S, et al. Sodium intake and sociodemographic determinants of the noncompliance with daily sodium intake recommendations: Thai NHES IV. J Med Assoc Thai 2013; 96(Suppl.): S161-70.
- 2009 • **Satheannoppakao W**, Aekplakorn W, Pradipasen M. Fruit and vegetable consumption and its recommended intake associated with sociodemographic factors: Thailand National Health Examination Survey III. Public Health Nutr 2009; 12(11): 2192-2198.
- 2008 • Mo-suwan L, Nontarak J, Aekplakorn W, **Satheannoppakao W**. Computer game use and television viewing increased risk for overweight among low activity girls: Fourth Thai National Health Examination Survey 2008-2009. Int J Pediatr 2014; 2014: ID 364702.

Research Presentation

1. National

- 2019 • Sang-ngoen D, Hutchinson C, **Satheannoppakao W**, Tipayamongkholgul M. Energy intakes and body mass index in relation to proximity to food sources, in hill tribe and urban women of Chiang Rai province. The 9th National Academic Conference “Southern Technology Research” on Friday 22nd February 2019 at Southern College of Technology, Nakhon Si Thammarat Province.
- 2014 • Somsri P, **Satheannoppakao W**, Vatanasomboon P, Tipayamongkholgul M, Kasemsup R. Effectiveness of a Health Benefit from Vegetable and Fruit-Content-Based Nutrition

Education Program on vegetable and fruit consumption among grade 11 students.

Abstract Handbook: The 15th Graduate

- Wongkor J, **Satheannoppakao W**, Bhidayasiri R, Tipayamongkhogul M. A pilot study: The nutritional status of Parkinson's disease patients in Chulalongkorn Comprehensive Movement Disorders Center. Abstract Handbook: The 15th Graduate
- 2012 ● Sumonnork S, Lothaveemongkol P, Lunlawong S, **Satheannoppakao W**. Maternal iodine intake and urinary iodine excretion in Nakhonratchasima province, Thailand. The 6th Thailand Congress of Nutrition: Linking food to nutrition security on 10-12 September 2012 at BITEC, Bangkok, Thailand.
- Rattanasiri M, **Satheannoppakao W**, KasemsupR, Tipayamongkhogul M. Association of computer usage with food consumption behavior and nutritional status among grade 10-12 students. The 3rd National Academic Conference and Research Presentation, Suan Sunandha Rajabhat University. March 22nd-23rd 2012. Royal River Hotel, Bangkok.
- 2011 ● Padaweck N, **Satheannoppakao W**, Sriassawa-amorn N, Sujirarat D. Osteoporosis risk factors among Thai women ≥ 50 years of age or with menopause. The 13rd National Public Health Conference. 28-29 April 2011, Miracle Grand Convention Hotel, Bangkok.
- 2010 ● Lekutai J, **Satheannoppakao W**, Pradipasen M, Punyangam Y. Healthy menus development for the elderly residents dwelling at home for elderly, Nakhonsawan province. The 16th National Graduate Research Conference on 11 March 2010, Maejo University, Chiangmai.
- Kuno A, Temcharoen P, **Satheannoppakao W**, Satitwipawee P. Nutrition knowledge and nutritive value of food intake among adolescents in private islamic schools. The 11th Nutrition Mahidol Academic Conference on April 28-30th 2010 at Maruay Garden Hotel, Bangkok.
- 2009 ● **Satheannoppakao W**, Aekplakorn W, Inthawong R. Dietary patterns and fruit and vegetable consumption related with abdominal obesity in older Thais, National Health Examination Survey III. Poster presentation at The 19th International Congress of Nutrition. October 4th-9th 2009. BITEC, Bangkok, Thailand. Organized under the auspices of the International Union of Nutritional Sciences (IUNS).

- Aekplakorn W, **Satheannoppakao W**, Chariyalertsak S, Sangthong R, Putwatana P, Taneepanichskul S, Kessomboon P, Porapakkham Y. Dietary assessment in the National Health Examination Survey IV, Thailand 2008-9. Poster presentation at The 19th International Congress of Nutrition. October 4th-9th 2009. BITEC, Bangkok, Thailand. Organized under the auspices of the International Union of Nutritional Sciences (IUNS).

2. International

- 2014 • Techavichian M, Vanichaniramol N, Satitvipawee P, Luangjinda C, Likitmaskul S, **Satheannoppakao W**, et al. Diabetes education improve knowledge for elderly patients with diabetes mellitus. Proceedings of the 2nd ASEAN Plus Three Graduate Research Congress (2nd AGRC), at S31 Sukhumvit Hotel, Bangkok. 5-7 February 2014.
- 2013 • Silva M, **Satheannoppakao W**, Pongpanich S. Diet quality and macronutrient intake of type 2 diabetes mellitus patients in the cardiovascular program of Davao City, Philippines. IDF 2013 Melbourne World Diabetes Congress. 2-6 December 2013. Melbourne Australia.

Textbooks, books and book chapters

- **Satheannoppakao W**. Nutritional assessment. In **Satheannoppakao W**, Lilitchan S, Klaewkla J, Somboonpanyakul P, eds. Nutrition in public health. Bangkok: Vitoon Binding & Printing; 2015. p. 46-56.
- **Satheannoppakao W**. Anthropometric assessment. In **Satheannoppakao W**, Lilitchan S, Klaewkla J, Somboonpanyakul P, eds. Nutrition in public health. Bangkok: Vitoon Binding & Printing; 2015. p. 57-74
- **Satheannoppakao W**. Dietary assessment. In **Satheannoppakao W**, Lilitchan S, Klaewkla J, Somboonpanyakul P, eds. Nutrition in public health. Bangkok: Vitoon Binding & Printing; 2015. p. 75-87
- **Satheannoppakao W**. Nutrition for protection against osteoporosis. J Public Health 2007; 37(3): 228-238.

Patents and patty patents

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Advance HE Fellowship

- Senior Fellow (SFHEA) in recognition of attainment against the UK Professional Standards Framework for teaching and learning support in higher education. Date of Fellowship 27/09/2023
- Level 3 in recognition of attainment against the Thailand Professional Standards Framework. Date of Recognition 21/01/2024