



KITTI SRANACHAROENPONG

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PROFESSIONAL APPOINTMENT

Associate Professor ASEAN Institute for Health Development (AIHD), Mahidol University (Thailand)	2023 - Present
Associate Professor Institute of Nutrition, Mahidol University (INMU) (Thailand)	2019 - 2023
Assistant Professor Institute of Nutrition, Mahidol University (INMU) (Thailand)	2016 - 2019

ADMINISTRATIVE APPOINTMENT

Head of community nutrition unit Institute of Nutrition, Mahidol University (INMU) (Thailand)	2020 - 2023
Deputy Director for Research and International Relations Institute of Nutrition, Mahidol University (INMU) (Thailand)	2015 - 2019

EDUCATION

Postdoctoral Fellow (Environmental Nutrition) School of Public Health, Loma Linda University, California, USA	2011
PhD (Health Studies and Gerontology: Applied Health Sciences) School of Public Health and Health Systems, University of Waterloo, Ontario, Canada	2009
MSc (Food and Nutrition for Development) Institute of Nutrition, Mahidol University (INMU), Thailand	1998
BSc (Nutrition) Faculty of Public Health, Mahidol University, Thailand	1994

EXPERTISE/AREAS OF RESEARCH INTEREST

- Global Public Health Nutrition focusing on population-based research
- School Feeding Program and Food Environments in Thailand and Neighborhood Countries
- Diet related Metabolic Syndrome (Population based study and Clinical trial study)
- Climate Change, Agriculture, Food Patterns, Food Availability and Chronic Diseases

- Health Informatics and Technology / Behavioral Change in Diverse Populations

WORKING EXPERIENCE

Advisory committee UNICEF EAPRO: for the development of ASEAN Guidelines and Minimum Standards on Nutrition Preservice Education for Frontline Health Workers	2024 - present
Advisory committee the Southeast Asian School-based Nutrition Promotion, SEAMEO RECFON	2023 - present
Committees The evaluation for 1,000 days of early childhood development	2021 - present
Invited instructor of the program Graduate Programs in Science Innovation (Special Program International program) School of Bioinnovation and Bio-based Product Intelligence, Faculty of Science, Mahidol University, Thailand	2020 - present
Committees Thai policy implementation for 1,000 days of early childhood development	2020 - present
Governing Board Member Southeast Asian Ministers of Education Organization, Regional Centre for Food and Nutrition (Seameo Recfon)	2018 - 2021
Instructor Institute of Nutrition, Mahidol University (INMU), Thailand	2012 - 2016
Researcher Institute of Nutrition, Mahidol University (INMU), Thailand	1998 - 2011

RESEARCH EXPERIENCE (SELECTED)

- Curriculum development, strengthening and sustainability of the Thai school lunch model to present double burden malnutrition problems **2023 - present**
- Resilient cities enabled by multiple approaches to plan for sustainable urban food and nutrition security: REMAPS **2023 - 2024**
- Smart communities and schools to prevent childhood obesity in Thailand: Impact evaluation of the nutrition training program **2023 - present**
- Comparison of nutrient density and environmental impacts of Thai street foods **2023 - present**
- Thai school lunch program: SMART model school **2023 - present**
- Effects of chitooligosaccharides on serum lipid in Thai overweight and obese people **2022 - present**

- Improving technology of indoor plant factory to produce vegetables, herbs and spices using as ingredients for innovative healthy food products from dietary fiber and essential plant substances **2021 - present**
- Mixed natural prebiotic-fibers impact on stool frequency and fecal microbiota in constipated Thai adults: A randomized clinical trial **2022 - 2024**
- Readvertisement-Assessment on Nutrition Surveillance and Mechanisms to Reduce Malnutrition in CLMV Countries **2021 - 2023**
- Quantity and quality of breast milk of a group of Laotian lactating women **2020 - 2023**
- The impact assessment of daycares in the community for low income families in Thailand **2020 - 2023**
- Effect of nutrigenomics on glucose and lipid homeostasis in metabolic syndrome and malnutrition in Thai children and in adults **2017 - 2023**
- Thai School Lunch Program: Develop, implement and evaluation the program **2016 - 2022**

PUBLICATIONS LIST (SELECTED)

- Wannaporn Hatongkham, Kitti Sranacharoenpong*, Unchalee Suwanmanee. Comparing of Nutritional and Environmental Aspects of Soilless and Nonchemical Farming Food Production Systems. *Journal of Sustainable Agriculture and Environment*, 2025; 4:e70060 1 of 12. <https://doi.org/10.1002/sae2.70060>
- Sirirat Luk-In, Chaniya Leepiyasakulchai, Chutipphon Saelee, Arisa Keeratichamroen, Nuttarat Srisangwan, Punnee Ponprachanuvut, Kantanit Chammari, Tanittha Chatsuwana, Dhammika Leshan Wannigama, Aye Mya Sithu Shein, Naris Kueakulpattana, Sukrit Srisakul & **Kitti Sranacharoenpong***. Impact of resistant starch type 3 on fecal microbiota and stool frequency in Thai adults with chronic constipation randomized clinical trial. *Scientific reports*. 2024, | <https://doi.org/10.1038/s41598-024-79465-1>.
- Bonggochpass Pinsawas, Apinya Surawit, Pichanun Mongkolsucharitkul, Tanyaporn Pongkunakorn, Sophida Suta, Thamonwan Manosan, Suphawan Ophakas, Sureeporn Pumeiam, **Kitti Sranacharoenpong***, Korapat Mayurasakorn. Asian Low-Carbohydrate Diet with Increased Whole Egg Consumption Improves Metabolic Outcomes in Metabolic Syndrome: A 52-Week Intervention Study. *Journal of Nutrition*. 2024, <https://doi.org/10.1016/j.tjnut.2024.08.027>
- Arisa Keeratichamroen, Panrawee Praditsorn, Piyanit Churak, Nuttarat Srisangwan, **Kitti Sranacharoenpong**, Punnee Ponprachanuvut, Kantanit Chammari. Applying the concept of Thai nutrient profiling as a model for the Thai school lunch planner. *Journal of Public Health and Development*. 2024, 22(1): 224-236.
- Kantanit Chammari, Arisa Keeratichamroen, **Kitti Sranacharoenpong**, Punnee Ponprachanuvut, Nuttarat Srisangwan, Piyanit Churak, Panrawee Praditsorn. Development and Implementation of a Unique, Tailored School Lunch Training Program for Teachers and their Stakeholders at Public Primary Schools in Thailand. *Journal of Health Research*. 2024, 38(2):116-124.

- Nuttarat Srisangwan, Piyanit Churak, Panrawee Praditsorn, Punnee Ponprachanuvut, Arisa Keeratichamroen, Kantanit Chammari, **Kitti Sranacharoenpong***. Using SWOT Analysis to create strategies for solving problems in implementing school lunch programs in Thailand. *Journal of Health Research*. 2023, 37(6): 406-413.
- Sophida Suta, Apinya Surawit, Pichanun Mongkolsucharitkul, Bonggochpass Pinsawas, Thamonwan Manosan, Suphawan Ophakas, Tanyaporn Pongkunakorn, Sureeporn Pumeiam, **Kitti Sranacharoenpong**, Sawanee Sutheeworapong, Patcha Pounsombat, Sakda Khoomrung, Pravit Akarasereenont, Iyarit Thaipisuttikul, Bhoom Suktitipat, Korapat Mayurasakorn. Prolonged Egg Supplement Advances Growing Child's Growth and Gut Microbiota. *Nutrients* 2023, 15: 1143-
- Yuparat Odglun, **Kitti Sranacharoenpong***, Nattvara Nirdnoy. Effects of a Culturally Tailored Diabetes Prevention Program for At-risk Thai Muslim People in Semi-urban Areas. *Journal of Health Research* 2023, 37(4): 192-200.
- Nattvara Nirdnoy, **Kitti Sranacharoenpong**, Apinya Surawit, Bonggochpass Pinsawas, Pichanun Mongkolsucharitkul, Tanyaporn Pongkunakorn, Thamonwan Manosan, Suphawan Ophakas, Sophida Suta, Sureeporn Pumeiam, Korapat Mayurasakorn and Siriraj Health Study Group. Validation of a Thai semiquantitative food frequency questionnaire (semi-FFQ) for people at risk of metabolic syndrome. *Journal of Health, Population and Nutrition*. 2023, 42:13-28.
- Nattvara Nirdnoy, **Kitti Sranacharoenpong***, Korapat Mayurasakorn, Apinya Surawit, Bonggochpass Pinsawas, Pichanun Mongkolsucharitkul, Tanyaporn Pongkunakorn, Sophida Suta. Development of the Thai semiquantitative food frequency questionnaire (semi-FFQ) for people at risk for metabolic syndrome. *Journal of Public Health*. 2023, 31: 1-8.
- Yamaguchi M., Praditsorn P., Purnamasari S.D., Sranacharoenpong K., Arai Y., Sundermeir S.M., Gittelsohn J., Hadi H., Nishi N. Measures of Perceived Neighborhood Food Environments and Dietary Habits: A Systematic Review of Methods and Associations. *Nutrients*. 2022, 14: 1788.
- Churak, P., **Sranacharoenpong, K***. & Mungcharoen, T. Environmental consequences related to nutritional status of Thai populations. *Journal of Public Health*. 2021, 29: 879-884
- Rofiqah Noor Rahai, Nongnuch Poolsawad, **Kitti Sranacharoenpong**. Environmental impacts related to food consumption of Indonesia adults. *Journal of Nutritional Science and Vitaminology*. 2020, 66: S149-S154.
- **Sranacharoenpong K***. The environmental impacts of 12 country-specific food-based dietary guidelines. *Journal of Public Health*. 2020, 28:719-727
- Korapat Mayurasakorn, Bonggochpass Pinsawas, Pichanun Mongkolsucharitkul, **Kitti Sranacharoenpong**, Sa-nga Damapong. School closure, COVID-19 and lunch programme: Unprecedented undernutrition crisis in low-middle income countries. *Journal of Paediatrics and Child Health*. 2020, 56:1013–1017.
- Pichanun Mongkolsucharitkul, **Kitti Sranacharoenpong**, Worapan Kusakunniran, Bonggochpass Pinsawas, Sineerat Pornkasemsuk, Nantaporn Sittikho. Development of the integrated nutrition learning tools for Thai primary school children. *Journal of Nutrition Association of Thailand*. 2019, 54: 34-45.
- Bonggochpass Pinsawas, **Kitti Sranacharoenpong**, Suwimol Supwarobol, Sineerat Pornkasemsuk, Pichanun Mongkolsucharitkul, Nantaporn Sittikho. Development of Food Service

Management Course Curriculum for Lay Chefs in Primary Schools in Bangkok. *Journal of Nutrition Association of Thailand*. 2019, 54: 23-33.

- Nipawan Thatthong, **Kitti Sranacharoenpong***, Panrawee Praditsorn, Piyanit Churak, Punnee Ponprachanuvut, Nuttarat Srisangwan, Arisa Keeratichamroen. Innovative tool for health promotion for at-risk Thai people with hypertension. *Journal of Public Health*. 2020, 28:437–443.
- Maenum Chirdkiatisak, **Kitti Sranacharoenpong***, Piyanit Churak, Panrawee Praditsorn. Thai diabetes prevention education program: development and validation of the Thai physical activity questionnaire for at-risk people. *Journal of Public Health*. 2018, 27: 659-667.
- **Kitti Sranacharoenpong***, Panrawee Praditsorn, Piyanit Churak. Developing a diabetes prevention education program for community health care workers in Thailand: translation of the knowledge to at-risk people. *Journal of Public Health*. 2018, 26: 515-522.
- Chupeerach C, Yothakulsiri C, Chamchan R, Suttisansanee U, **Sranacharoenpong K**, Tungtrongchitr A, On-Nom. The effect of coconut jelly with natural sweeteners stevia (*Stevia rebaudiana* Bertoni) replacement on blood glucose, insulin, and C-peptide responses. *Recent Pat Food Nutr Agric*. 2018, (2):127-133.
- Alfredo Mejia, Helen Harwatt, Karen Jaceldo-Siegl, **Kitti Sranacharoenpong**, Samuel Soret & Joan Sabaté. Greenhouse Gas Emissions Generated by Tofu Production: A Case Study. *Journal of Hunger & Environmental Nutrition*. 2017, 1932-0248
- **Kitti Sranacharoenpong**, Sam Soret, Helen Harwatt, Michelle Wien, Joan Sabaté. The Environmental cost of protein food choices. *Public Health Nutrition*. 2015, 8(11): 2067-2073 (Published online by Cambridge University Press 06 November 2014, doi 10.1017/S1368980014002377) (Remark: The Environmental Cost of Protein Food Choices – CORRIGENDUM, doi:10.1017/S1368980014003176)
- **Sranacharoenpong K***, Hanning RM. Diabetes prevention education program for community health care workers in Thailand. *Journal of Community Health*. 2012, 37: 610-618.
- **Sranacharoenpong K***, Hanning RM. Developing a diabetes prevention education programme for community health care workers in Thailand: Formative findings. *Primary Healthcare Research & Development*. 2011, 12:357-369.
- Prapaisri P. Sirichakwal, **Kitti Sranacharoenpong**, Kraisid Tontisirin. Food based dietary guidelines (FBDGs) development and promotion in Thailand. *Asia Pacific Journal of Clinical Nutrition*. 2011, 20(3): 1-7.
- **Sranacharoenpong K***, Hanning RM, Sirichakwal PP, Chittchang U. Process and outcome evaluation of a diabetes prevention education program for community health care workers in Thailand. *Education for Health*. 2009, 22(3):335 (Epub Dec 1).
- Prapaisri P Sirichakwal, **Kitti Sranacharoenpong**. Practical experience in development and promotion of food based dietary guidelines in Thailand. *Asia Pacific Journal of Clinical Nutrition*. 2008, 17 Suppl 1:63-65.
- Emorn Wasantwisut, Pattanee Winichagoon, Chureeporn Chitchumroonchokchai, UruwanYamborisut, Atitada Boonpraderm, Tippawan Pongcharoen, **Kitti Sranacharoenpong**, and Wanphen Russameesopaphorn. Iron and Zinc Supplementation Improved Iron and Zinc Status,

but Not Physical Growth, of Apparently Healthy, Breast-Fed Infants in Rural Communities of Northeast Thailand. *Journal of Nutrition*. 2006, 136: 2405- 2411.

- Orapin Banjong, Andrea Menefee, **Kitti Sranacharoenpong**, et.al. Dietary assessment of refugees living in camps: A case study of Maela Camp, Thailand. *Food and Nutrition Bulletin*. 2003, 4: 360-367.

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AWARDS AND HONORS

DAAD: Research Stays for University Academics and Scientists, 2024 the University of Bonn, Germany: November, 2024 – January, 2025.	2024 - 2025
International Fellowship Award University of Bonn, Germany, March-April, 2023	2023
NFP-KOP Fellowship for the short course on “Facilitating MSPs to foster sustainable and inclusive food system” Wageningen Centre for Development Innovation, November, 2019	2019
Fellow of the Newton Fund University of Glasgow, UK. April-June, 2018	2018
NFP-KOP Fellowship for the short course on “Making Agriculture Work for Food and Nutrition Security” Wageningen Centre for Development Innovation, November, 2018	2018
NFP-KOP Fellowship for the short course on “Food Security in an Urbanising Society” Wageningen Centre for Development Innovation, September, 2018	2018
NFP-KOP Fellowship for the short course on “Market Access for Food Security” Wageningen Centre for Development Innovation, March, 2018	2018
Fellowship Award of the Newton Fund London, United Kingdom	2015
Fellowship of the “IUNS Workshop on Capacity and Leadership Development in Nutrition Sciences” National Institute of Health and Nutrition in Japan, March, 2014	2014
Fellowship of the “IUNS Workshop on Capacity and Leadership Development in Nutrition Sciences” National Institute of Health and Nutrition in Japan, September, 2010	2010
Postdoctoral Fellowship Loma Linda University, USA	2009

Excellent PhD Student Award

University of Waterloo, Canada

2007 - 2004

International scholarship for PhD program

University of Waterloo, Canada

2004