



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)

999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon

Name: Pradtana Tapanee

E-mail address: pradtana.tap@mahidol.edu

Current position: Lecturer and Registered Dietitian (Thailand and USA)

Education

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| 2020 | Ph.D. (Nutrition), minor in Genetics, Department of Food Science, Nutrition, and Health Promotion, Mississippi State University, USA. |
| 2010 | M.Sc. (Food and Nutrition for Development), Institute of Nutrition, Mahidol University, Thailand. |
| 2006 | B.Sc. (Biology), Faculty of Science, Kasetsart University, Thailand. |

Research Interest and Expertise

- Nutrigenetics
- Nutrition education tools
- Nutrition-related non-communicable diseases

Research Experiences

1. Detecting Cymbidium Mosaic Virus gene (CyMV) and Odontaglossum ringspot virus gene (ORSV) in Dendrobium orchid
2. Finding Nutritive Values of Local Foods and Nutritional Status in People with Hypertension at Doi Tung Development Project area
3. Developing nutrition education tools using Stages of Change Model
4. Comparing urinary sodium between original recipe and modified recipe with Monosodium Glutamate (MSG) in healthy subjects
5. Exploring the relationship between genetic variation in taste receptor genes and salt taste perception among people with hypertension
6. Exploring the association between taste threshold, dietary intake, and nutrition status



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Training

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| 2019 | Dietetics internship (1,200 hours), Department of Food Science, Nutrition, and Health Promotion, Mississippi State University, USA |
| 2018 | Nutrigenetics, Nutrigenomics and Precision Nutrition Workshop, Kannapolis, North Carolina, USA |
| 2012 | Regional Course on Nutritional Status Assessment, fellowship SEAMEO-RECFON Regional Center for Food and Nutrition, University of Indonesia, Indonesia |
| 2007 | Dietetic internship (900 hours), Institute of Nutrition, Mahidol University, Thailand |

Publications

National

1. Thwe A, Pachotikarn C, Taechangam S, On-nom N, **Tapanee P**. Effect of Reducing Dietary Sodium on Urinary Calcium Excretion in Healthy Adults from Mahidol University, Thailand. *J Health Res*. 2016; 30(Suppl.1): S81-8.
2. **Tapanee P**, Pachotikarn C, Taechangam S, Mitgitti R. Nutritive values of local foods and nutritional status in people with hypertension at doi tung development project area. *Journal of Thai Dietetic Association*. 2010;30(2) p.21-37.
3. Mechai T, **Tapanee P**. Nutrition and Hemophilia. *Journal of Thai Dietetic Association*. 2009;24 (2) p.110-114.

International

1. Shushari MK, Wei T, **Tapanee P**, Tidwell D, Tolar-Peterson T. The Influence of Taste Genes on Body Fat and Alcohol Consumption. *Nutrients*. 2024;16(11):1756.
2. Maung CW, Kriengsinyos W, Pachotikarn C, **Tapanee P**, Weratean K. Development of Myanmar Protein and Calorie Counting Booklet for Chronic Kidney Disease Patients. *Malaysian Journal of Medicine & Health Sciences*. 2023;19:25.



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International

3. Lwin KZ, Kriengsinyos W, Sahasakul Y, **Tapanee P**. Evaluation of Nutritive Value of Commercially Packaged Snacks Available in Thai Supermarkets. *Malaysian Journal of Medicine & Health Sciences*. 2023;19:97.
4. Chupeerach C, **Tapanee P**, On-nom N, Temviriyankul P. The influence of TAS2R38 bitter taste gene polymorphisms on obesity risk in three racially diverse groups. *BioMedicine*. 2021.
5. **Tapanee P**, Tidwell DK, Schilling MW, Peterson DG, Tolar-Peterson T. Genetic Variation in Taste Receptor Genes (SCNN 1 B, TRPV 1) and Its Correlation with the Perception of Saltiness in Normotensive and Hypertensive Adults. *Int J Hypertens*. 2021;2021.
6. Reeder N, **Tapanee P**, Persell A, Tolar-Peterson T, Food Insecurity, Depression, and Race: Correlations Observed Among College Students at a University in the Southeastern United States, *Int J Environ Res Public Health*. 2020;17:p.1–11.
7. Alardawi A, Reeder N, **Tapanee P**, Persell A, Irby L, Tolar-Peterson T. The Influence of Bitter Taste Phenotype on Liking and Intake of Fruits and Vegetables. *J Acad Nutr Diet*. 2020;120(9, Supplement):A55.
8. Sunbul M, **Tapanee P**, Reeder N, Sockwell S, Cowles A, Mosby T. Evaluating Diet Quality of College Students Using the Healthy Eating Index. *J Nutr Educ Behav*. 2019;51(7):S37.
9. **Tapanee P**, Reeder N, Saddam A, Ensor K, Mosby T T. Influence of Diet on Body Composition in Mississippi State University Students, *J Acad Nutr Diet*. 2017; 117(9): A27
10. **Tapanee P**, Apiruknapanond P. Nutritional status, unhealthy eating habits and physical activity in Thai women. *Ann Nutr Metab*. 2013; 63, p.1773