



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)
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Nakhon Pathom 73170, Thailand

Name Tippawan Pongcharoen
ทิพวัลย์ พงษ์เจริญ

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Current positions: Instructor

Education:

2010 Ph.D. (Nutrition and Health Sciences), Emory University, USA
1998 M.Sc. (Food and Nutrition for Development), Mahidol University, Thailand
1992 B.N. (Nursing), Thai Red Cross College of Nursing, Thailand

Training:

2011 Training-cum-Workshop on Dietary assessment: Methods, Interpretation and Uses at Institute of Nutrition, Mahidol University, Thailand
2010 IUNS workshop on Capacity and Leadership Development in Nutrition Sciences at National of Health and Nutrition, Japan
2009 Training Course on Isotope Methodology in Body Composition and Energy Expenditure at the Institute of Health and Biomedical Innovation (IHBI) at Queensland University of Technology (QUT)

Research Interest and Expertise:

1. Maternal and child nutrition
2. Micronutrient deficiency

Publications:

National Level:

1. ทิพวัลย์ พงษ์เจริญ ศิวพร จิตต์งามกุลศล ลักษณะมา ไชยมงคล กัลย์ธิดา ธราพร พัฒณี วินิจจะกุล. การส่งเสริมภาวะโภชนาการของหญิงตั้งครรภ์และหญิงให้นมบุตร: การประเมินแบบเร่งด่วนจากมุมมองของผู้ให้และผู้รับบริการ. วารสารการพยาบาลและการดูแลสุขภาพ 2558;33(1): 166-174.
2. วาทีณี คุณเผือก นิศาชล เศรษฐไกรกุล สิรินทรียา พูลเกิด ทิพวัลย์ พงษ์เจริญ สรวาดิ อุดมกาญจนนันท์ สุสัตตา พงษ์อุทธา ทักษพล ธรรมรังสี. สถานการณ์การจัดอาหารในศูนย์พัฒนาเด็กเล็กในประเทศไทย วารสารวิชาการสาธารณสุข 2558; 4(4): 621-635.
3. พัศมัย เอกก้านตรง ทิพวัลย์ พงษ์เจริญ. ความแตกต่างของสารอาหารที่ได้รับในเด็กก่อนวัยเรียนที่มีภาวะโภชนาการต่างกัน. วารสารสาธารณสุขศาสตร์ 2557; 44(1):69-78.
4. อภิตตา บุญประเดิม ทิพวัลย์ พงษ์เจริญ พัฒณี วินิจจะกุล. การสำรวจการบริโภคผลิตภัณฑ์นมทั้งหมดที่สำเร็จรูปในชนบทภาคตะวันออกเฉียงเหนือ.วารสารโภชนาการ 2548;40(2):46-54.

International Level:

1. Pongcharoen T, Judprasong K, Jitngarmkusol S, Kriengsinyos W, Winichagoon P. Body mass index is associated with fat mass in normal, overweight/obese, and stunted preschool children in central Thailand. Asia Pac J Clin Nutr. In-press.
2. Pongcharoen T, Gowachirapant S, Wecharak P, Sangket N, Winichagoon P. Pre-pregnancy body mass index and gestational weight gain in Thai pregnant women as risks for low birth weight and macrosomia. Asia Pac J Clin Nutr. 2016;25(4):XXX-XXX.



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3. Zimmermann MB, Hussein I, Al Ghannami S, El Badawi S, Al Hamad NM, Abbas Hajj B, Al-Thani M, Al-Thani AA, Winichagoon P, Pongcharoen T, van der Haar F, Qing-Zhen J, Dold S, Andersson M, Carriquiry AL. Estimation of the prevalence of inadequate and excessive iodine intakes in school-age children from the adjusted distribution of urinary iodine concentrations from population surveys. *J Nutr.* 2016;146(6):1204-11.
4. Houghton LA, Gray AR, Harper MJ, Winichagoon P, Pongcharoen T, Gowachirapant S, Gibson RS. Vitamin D status among Thai school children and the association with 1,25-Dihydroxyvitamin D and parathyroid hormone levels. *PLoS One.* 2014 Aug 11;9(8):e104825. doi: 10.1371/journal.pone.0104825. eCollection 2014.
5. Pongcharoen T, Ramakrishnan U, DiGirolamo AM, Winichagoon P, Flores R, Singkhornard J, Martorell R. Influence of prenatal and postnatal growth on intellectual functioning in school aged children. *Archives of Pediatrics & Adolescent Medicine.* 2012;166(5):411-6.
6. Pongcharoen T, DiGirolamo AM, Ramakrishnan U, Winichagoon P, Flores R, Martorell R. Long-term effects of iron and zinc supplementation during infancy on cognitive function at 9 y of age in northeast Thai children: a follow-up study. *Am J Clin Nutr.* 2011;93(3):636-43.
7. Manger MS, McKenzie JE, Winichagoon P, Gray A, Chavasit V, Pongcharoen T, Gowachirapant S, Ryan B, Wasantwisut E, Gibson RS. A micronutrient-fortified seasoning powder reduces morbidity and improves short-term cognitive function, but has no effect on anthropometric measures in primary school children in northeast Thailand: a randomized controlled trial. *Am J Clin Nutr.* 2008;87(6):1715-22.
8. Gibson RS, Manger MS, Krittaphol W, Pongcharoen T, Gowachirapant S, Bailey KB, Winichagoon P. Does zinc deficiency play a role in stunting among primary school children in NE Thailand? *Br J Nutr.* 2007;97(1):167-75.
9. Krittaphol W, Bailey KB, Pongcharoen T, Winichagoon P, Gibson RS. Low zinc, iron, and calcium intakes of Northeast Thai school children consuming glutinous rice-based diets are not exacerbated by high phytate. *Int J Food Sci Nutr.* 2006;57(7-8):520-8.
10. Krittaphol W, Bailey KB, Pongcharoen T, Winichagoon P, Thompson C, Gibson RS. Primary school children from northeast Thailand are not at risk of selenium deficiency. *Asia Pac J Clin Nutr.* 2006;15(4):474-81.
11. Wasantwisut E, Winichagoon P, Chitchumroonchokchai C, Yamborisut U, Boonpradern A, Pongcharoen T, Sranacharoenpong K, Russameesopaphorn W. 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. *J Nutr.* 2006;136(9):2405-11.
12. Winichagoon P, McKenzie JE, Chavasit V, Pongcharoen T, Gowachirapant S, Boonpradern A, Manger MS, Bailey KB, Wasantwisut E, Gibson RS. A multimicronutrient-fortified seasoning powder enhances the hemoglobin, zinc, and iodine status of primary school children in North East Thailand: a randomized controlled trial of efficacy. *J Nutr.* 2006;136(6):1617-23.
13. Thurlow RA, Winichagoon P, Pongcharoen T, Gowachirapant S, Boonpradern A, Manger MS, Bailey KB, Wasantwisut E, Gibson RS. Risk of zinc, iodine and other micronutrient deficiencies among school children in North East Thailand. *Eur J Clin Nutr.* 2006;60(5):623-32.
14. Thurlow RA, Winichagoon P, Green T, Wasantwisut E, Pongcharoen T, Bailey KB, Gibson RS. Only a small proportion of anemia in northeast Thai schoolchildren is associated with iron deficiency. *Am J Clin Nutr.* 2005;82(2):380-7.

Research Experiences:

1. Promoting early life nutrition intervention within maternal and child health care
2. Infant feeding practices in transition: Breast milk intakes, complementary feeding and body composition during infancy in Thailand
3. Situation of iodine nutrition in women of reproductive age and school-aged children in Thailand
4. Maternal and early childhood nutrition and human capital



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5. Food-based interventions for improving maternal and child nutrition
6. Body composition and dietary intake in preschool children aged 3-5 years in daycare centers
7. Long-term effects of iron and zinc supplementation during infancy on cognitive performance and growth 8 years later: A follow-up study
8. Healthy Thais 2000 study
9. Assessment of the efficacy of a seasoning powder fortified with iron, zinc, vitamin A, and iodine on the micronutrient status, growth and body composition, cognitive function, and morbidity of rural primary school children from NE Thailand
10. Policy and program on prevention and control of iron deficiency anemia in Thailand: A case study
11. Multi-center initiative on successful micronutrient programs: Thailand experiences
12. Pattern of decision making on complementary feeding practices by Child Caregivers of 0-36 months children in Ratchaburi
13. Effect of daily versus intermittent supplementation on iron status of Thai infants
14. Field trial for the efficacy of iron and zinc supplementation on growth of infants in Thailand
15. Household food acquisition and nutritional status of children 0-5 years old in forest and non-forest communities: A case study of Pa Taem National Park, Ubon Ratchathani