

Name Wanphen Wimonpeerapattana
วันเพ็ญ วิมลพีรพัฒนา

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Current positions : Researcher

Education

1993 M.Sc. (Biostatistics), Mahidol University, Bangkok, Thailand
1982 B.Sc. (Statistics), Kasetsart University, Bangkok, Thailand

Training

March 2 – April 28, 2002 Statistical Training of Exchanged Staff at office of Statistical Consulting, Division of Nutritional Sciences, Cornell University

Research Interest and Expertise

1. Multivariate Statistics analysis
2. Complex survey analysis
3. Food consumption data analysis
4. Anthropometric data analysis
5. Body composition data analysis
6. Validity and reliability for tool development

National and International Consultancy Positions

Consultant, Statistics and Experimental Design :

- Instructors and Researchers, Institute of Nutrition, Mahidol University, Thailand.
- Graduate Student, Master of Sciences Program in Food and Nutrition for Development, Institute of Nutrition, Mahidol University, Thailand
- Graduate Student, Master of Sciences Program in Food and Nutrition Toxicology, Institute of Nutrition, Mahidol University, Thailand
- Graduate Student, Master of Public-Health, University of Queensland, Australia and Diploma in Public Health Nutrition, Mahidol University, Thailand.
- Training course in Food and Nutrition, Institute of Nutrition, Mahidol University, Thailand

Member of Committee on :

- Management of Information System (MIS), Institute of Nutrition, Mahidol University.
- Information Technology (IT), Institute of Nutrition, Mahidol University.

Working Group on :

- Intranet, Institute of Nutrition, Mahidol University.
- Website on Food and Nutrition, Institute of Nutrition, Mahidol University.

Technical Sub-committee (TSC) and Technical Analyst Working Group (TAW) in Food Insecurity and Vulnerability Information and Mapping System (FIVIMS), Thailand.

Technical analysis and Report writing of Nutrition Survey, the Ministry of Health, Royal Government of Bhutan.

Publications

National Level

1. Wimonpeerapattana W, Yamborisut U. Receiver operating characteristic (ROC) curves to identify waist circumference cut-off points for predicting the overweight and obese school children. *KKU Res J.* 2013; 18(5): 861-868.
2. Wimonpeerapattana W, Kijboonchoo K, Thassanasuwan W, Pongurgsorn C. Development and Validation of the Physical Activity Questionnaire for Thai Children. *KKU Res J.* 2013; 18(3): 548-58.
3. Netnapit H, Srianujata S, Wimonpeerapattana W. Risk estimation of liver cancer due to aflatoxin exposure from ready-to-eat noodle in some areas of Bangkok. *Journal of Nutrition Association of Thailand.* 2007; 42(1): 9-18.
4. Smitasiri S, Wachiraporn W, Yamborisut U, Russameesopaphorn W. The Factors Influencing Culture Food Habits Among Working Women in Bangkok : Case Studies on Silom Area and Government Enterprises. *Journal of the Association of Researchers in Social Sciences.* 1996; 2(1):15-24.

International Level

1. Rojroongwasinkul N, Kijboonchoo K, Wimonpeerapattana W, Purttiponthanee S, Yamborisut U, Boonpradern A, Kunapan P, Thassanasuwan W, Khouw I. SEANUTS: the nutritional status and dietary intakes of 0.5–12-year-old Thai children. *Br J Nutr* 2013;110:S36-S44.
2. Yamborisut U, Sakamoto N, Wimonpeerapattana W, Tontisirin K. Waist circumference and body fat distribution indexes as screening tools for the overweight and obesity in Thai preschool children. *Obesity Research & Clinical Practice* 2010;4(4):307-314.
3. Yamborisut U, Sungpuag P, Wimonpeerapattana W. Hypercholesterolemia in Thai primary school children: Relation to maternal and nutritional factors. *Pediatrics International* 2008;50(4):557-62.
4. Yamborisut U, Kijboonchoo K, Wimonpeerapattana W, Srichan W, Thassanasuwan W. Study on different sites of waist circumference and its relationship to weight-for-height index in Thai adolescents. *Journal of the Medical Association of Thailand.* 2008;91(8):1276-84.
5. Yamborisut U, Kosulwat V, Chittchang U, Wimonpeerapattana W, Suthutvoravut U. Factors Associated with dual form of malnutrition in school children in nakhon pathom and bangkok. *Journal of the Medical Association of Thailand* 2006;89(7):1012-23.
6. 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. *Journal of Nutrition.* 2006;136(9):2405-11.
7. Smitasiri S, Sa-ngobwarchar K, Kongpunya P, Subsuwan C, Banjong O, Chitchumroonechokchi C, Russameesopaphorn W, Veeravong S, Dhanamitta S. Sustaining behavioural change to enhance micronutrient status through community- and women-based interventions in north-east Thailand: Vitamin A. *Food and Nutrition Bulletin.* 1999;20(2):243-51.
8. Smitasiri S, Sa-ngobwarchar K, Kongpunya P, Subsuwan C, Banjong O, Russameesopaphorn W, et al. Sustaining Behavioural Change to Enhance Micronutrient Status: Community- and Women-Based Interventions in Thailand. *International Center for Research on Women/OMNI Research Program.* 1999.

Report and Books

1. Research report on "The development of the validity and reliability of body fat assessment, physical activity questionnaires and BMI for age in Thai children" supported by The Thailand Research Fund, March 2008.
2. Manual of operations on "National Food Insecurity and Vulnerability Information and Mapping System: Thailand" supported by the Food and Agriculture Organization (FAO) of the United Nations, August 2004.
3. Research report on "Towards sustainable food and nutrition security for households in the Thachin – Maeklong river basin" supported by Mahidol University, 2005-2007.
4. Research report "Development of a tool to assess household security of micronutrient rich foods among Bangkok poor dwellers" supported by FAO Regional Office for Asia and the Pacific, July 2003.
5. Research report on "Aflatoxin contamination in ready to eat noodle in Bangkok" supported by FAO Regional Office for Asia and the Pacific, July 2003.
6. Software: Write by Microsoft Excel, Institute of Nutrition, Mahidol University, Thailand. Calculate the Nutritional Status in Thai Standard.
7. Manual: Institute of Nutrition, Mahidol University, Thailand.
 - Microsoft Excel Windows 3.1, 3.11 and 95. Children's Integrated Learning and Development (CHILD Project)
 - Microsoft PowerPoint
 - Spss for Windows
 - Nonparametric Statistics
8. Yhounng-Aree J, Russameesopaphorn W, Puwastien P, Dhanamitta S. Baseline study of fish and fermented products consumption in Ubon Ratchatani. Proceeding of the National Workshop on Nutrition, 1987, Bangkok Thailand.
9. Sustaining behavior change to enhance micronutrient status. community-and women-based interventions in Thailand : International Center for Research on Women, March 1999.
10. อรุโพร จิตต์แจ้ และวันเพ็ญ วิมลพีรพัฒนา. คู่มือการศึกษาประสิทธิภาพการใช้โปรแกรมคอมพิวเตอร์ในการประมวลผลข้อมูลภาวะโภชนาการของนักเรียนและการพัฒนารูปแบบการประมวลผลข้อมูลด้วยโปรแกรม Microsoft Excel โปรแกรม INMU-NutritionStat โปรแกรม SPSS for Windows. สถาบันโภชนาการ มหาวิทยาลัยมหิดล.
11. อรุโพร จิตต์แจ้ และวันเพ็ญ วิมลพีรพัฒนา. รายงานผลการดำเนินงานโครงการพัฒนาเด็กไทยให้เต็มศักยภาพด้วยอาหารและโภชนาการ เรื่อง การศึกษาประสิทธิภาพการใช้โปรแกรมคอมพิวเตอร์อย่างง่ายในการแปลผลภาวะโภชนาการของนักเรียนและการพัฒนารูปแบบการประมวลผลข้อมูล สถาบันโภชนาการ มหาวิทยาลัยมหิดล นครปฐม 2549.
12. อรุโพร จิตต์แจ้, วันเพ็ญ วิมลพีรพัฒนา และ พัศม์ย์ เอกก้านตรง. รายงานผลการดำเนินงานโครงการพัฒนาเทคนิคทดแทนสำหรับผู้ที่ไม่สามารถชั่ง-วัด น้ำหนักและส่วนสูงด้วยวิธีปกติ และการศึกษาเกณฑ์ที่วัดเส้นรอบเอวที่สอดคล้องกับปริมาณไขมันสะสมของร่างกายสำหรับประเมินภาวะโภชนาการผู้สูงอายุไทย. สถาบันโภชนาการ มหาวิทยาลัยมหิดล นครปฐม 2554.

Research Experiences :

1. Nutritional survey of Thai children aged 6 months – 12 years.
2. Developing Anthropometrics Tools and Waist Circumference's cut-off correlated to Body Fat for Thai Elderly
3. Analysis anthropometry data for Nutrition Survey in Bhutan.
4. The development of the validity and reliability of body fat assessment, physical activity questionnaires and BMI for age in Thai children.

5. Field Trials for the Efficacy of Iron and Zinc Supplementation on Growth of Infants in Thailand
6. Children's Healthy Lifestyle KAP Research.
7. Development of a Tool to Assess Household Security of Micronutrient Consumption Among Bangkok Poor Dwellers.
8. The establishment of Food Insecurity Vulnerability Information and Mapping System: FIVIMS Thailand.
9. Towards sustainable food and nutrition security for households in the Thachin – Maeklong river basin.
10. Aflatoxin Contamination in Instant Noodle in Bangkok Area.