



## Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)

999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon

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**Name:** Ms.Sinee Chotiboriboon

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**Current position: Researcher**

### Education

2026	Ph.D. Candidate (Population education) Faculty of Social Science and Humanity, Mahidol University
2000	M. Sc. (Food and Nutrition for Development) Institute of Nutrition, Mahidol University
1994	B. Sc. (Nutrition), Faculty of Public Health Mahidol University

### Research Interest and Expertise

1. food security; traditional / indigenous food system; sustainable food system
2. community nutrition; capacity building
3. learning / education / local wisdom

### Research Experiences

2025-2026 Unlocking the secrets of Wolffia Globosa: Cell culture research, absorption, and neural cell experiments towards developing a community-based pilot model for sustainable consumption of future foods and promoting health.

2024-2026 Developing methodology for applying participatory mapping and artificial intelligence analysis of open source data to understand nutritionally relevant spatiotemporal characteristics of food environments and consumer-food environment interaction at around Mahidol University

2024-2026 MU-CARE BEAR: Mental health assessment program and data collection system to support an aging society

2021-2024 Climate change Resilience of Indigenous Socio Ecological systems: RISE

2021-2024 Food Management Models and Appropriate Fat Intake among Primary School Children: A Case Study of Nakhon Pathom Province.

2021-2022 Assessing the Appropriateness of the Preliminary Food-Based Dietary Guidelines for Thais

2015 Matriarchal, Buddhism and Well-being in Sanephong Community.



## **Research Experiences (cont.)**

2012-2013 Food security of suburban population.

2012-2013 Knowledge mapping on people's knowledge and local wisdom concerning traditional food: a case study in Muangmai area, Amphawa district, Samutsongkram province.

2012-2013 Establishment of Food Sources for Flash Flood : the development of aquatic plant floating plantation to cope with flash flood.

2013 The Route of Fermented Fish. A part of Fresh food and seasoning database project: establishing regional and popular food choice collection of Thai food.

2010 The way of agriculture and food related identity to establish people's well being: a case study in Saladin Moo3 village, Mahasawat sub district, Phutthamonthon district, Nakon Pathom province.

2009-2010 Community Leaders' Capacity to Develop Food and Nutrition Security Indicators: a case study in Sanephong village, Laiwo sub-district, Sangkhlaburi district, Kanchanaburi province.

2005-2008 Promotion of indigenous / local wisdom and biodiversity preservation practices for food and nutritional security.

2007 The study on Karen Ethnic and Indigenous Food Culture and Consumption in reproductive women: Case study of Sanephong village, Laiwo sub-district, Sangkhlaburi district, Kanchanaburi province.

2004 Process and methods towards the improvement of health and nutritional well being of indigenous children and women care providers in Sanepong community, Thailand: Application to micronutrient and traditional food promotion programs.

1995-2001 We Love Green Vegetable : School based program to promote green leaf consumption.

## **Training**

2025 Monitoring and Evaluation Research

2025 Using the Social Determinants of Health Approach and Participatory Community Mapping for Health Promotion

2025 Core competencies for research/working with vulnerability



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## Publications

### National

2016 **Chotiboriboon, S.**, Sapuwan, C., and Charoenkiatkul, S. Healthy Foods for Communities, in Course Materials for Food and Nutrition for Health, Human Ecology Program, Sukhothai Thammathirat Open University, Units 1–7, pp. 2–86.

2015 **Chotiboriboon, S.** Different perspectives on learning and cross culturally learning among children of foreign workers studying together. In Phlainoi, N. & Phlainoi, S. (Eds.) Equity and quality of education for foreign workers: Case study of schools in suburban area around Mahidol University, Salaya subdistrict, Nakhon Patom, Thailand.

2008 **Chotiboriboon, S.**, Tantivatanasathien, P., Sirisai, S., Duangnosan, P., Sapsuwan, C., Somprasong, W., Triboun, T., & Chaiyarat, R. Biodiversity and Food Related Local Wisdom: The Foundation of Food Security and Healthy Nutrition. In Proceedings of the National Symposium on Community Forest: the security of life in the midst of changes. October 21st-22nd, 2008.

### International

2025 Joompa, P., Gowachirapant, S., **Chotiboriboon, S.**, Sarasak, R., Thongkam, N., Kongpunya, P., & Kriengsinyos, W. Seasonal variation in dietary diversity and food variety scores among an indigenous Karen population in western Thailand: a cross-sectional study. Public Health Nutrition, 28(1), e168.

2025 Joompa, P., Thongkam, N., **Chotiboriboon, S.**, & Kongpunya, P. Influence of scientific method-based food and nutrition learning program on motivating healthy food consumption. Health Education, 125(2), 216-226.

2022 Kuhnlein, H. V., & **Chotiboriboon, S.** Why and how to strengthen indigenous peoples' food systems with examples from two unique indigenous communities. Frontiers in Sustainable Food Systems, 6, 808670.

2022 García Molinos, J., Gavrielyeva, T., Joompa, P., Narita, D., **Chotiboriboon, S.**, Parilova, V., Sirisai, S., Okhlopov, I., Zhang, Z., Yakovleva, N., Kongpunya, P & Kriengsinyos, W. Study protocol: International joint research project 'climate change resilience of Indigenous socioecological systems' (RISE). Plos one, 17(7), e0271792.



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### International (cont.)

2021 Kennedy, G., Kanter, R., **Chotiboriboon, S.**, Covic, N., Delormier, T., Longvah, T., Maundu, P., Omidvar, N., Vish, P., & Kuhnlein, H. Traditional and Indigenous Fruits and Vegetables for Food Systems Transformation. Current Developments in Nutrition. 2021; 5:nzab092.

2017 Sirisai, S., **Chotiboriboon, S.**, Sapsuwan, C., Tantivatanasathien, P., Setapun, N., Duangnosan, P., Thongkam N & Chuangyanyong, S. Matriarchy, Buddhism, and food security in Sanephong, Thailand. Maternal & Child Nutrition, 13, e12554.

2013 Sirisai, S., **Chotiboriboon, S.**, Tantivatanasathien, P., Sangkhawimol, S. & Smitasiri, S. Culture-based nutrition and health promotion in a Karen community. In Kuhnlein H.V., Erasmus, B., Spigelski, D. & Burlingame, B. (Eds.). Indigenous Peoples' food systems & well-being: interventions & policies for healthy communities. Food and Agriculture Organization of the United Nations

2009 **Chotiboriboon, S.**, Tamachotipong, S., Sirisai, S., Dhanamitta, S., Smitasiri, S., Sappasuwan, C., Tantivatanasathien, P. & Eg-kantrong, P. Thailand: food system and nutritional status of indigenous children in a Karen community. In Kuhnlein, H.V., Erasmus, B. & Spigelski, D. (Eds.). Indigenous Peoples' food systems: the many dimensions of culture, diversity and environment for nutrition and health. Italy: Food and Agriculture Organization of the United Nations.

2009 Sirisai S, **Chotiboriboon S**, Smitasiri S. Culture, Environment And Agriculture For Food Security: Lessons From The Karen People. Annals Of Nutrition And Metabolism, 55:66-6 Supplement: Suppl.1.

2003 Smitasiri S. & **Chotiboriboon S**. Experience with Programs to Increase Animal Source Food Intake in Thailand. Journal of Nutrition. 2003; 133(11 SUPPL.2).