

**PROFORMA FOR SURVEY FOR CAPACITY BUILDING IN THE AREA OF FOOD AND NUTRITION IN ASIA**

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- 5. Ongoing Research and Development Programs in the area of Food and Nutrition:**  
**(Please list the major areas by priority –and include the timing period of each R&D program)**

(a) The relationship between foods/nutrients and disease: for examples

a.1) **TITLE:** Effect of glutinous rice on type 2 diabetic patients in northern Thailand  
**Funding:** Thailand budget, fiscal year 2002  
**Timing period:** October, 2002- September, 2003

a.2) **TITLE:** Zinc status of northern Thai children under 5 years old in relation to upper respiratory morbidity.

## Phase 1

Funding: 7,025 US\$ (Ministry of Public Health, Thailand)

Timing period: October, 2002- September 2003

a.3) TITLE: Prevalence of Obesity and Hyperlipidemia in School Age Children, Muang District , Chiang Mai Province

Funding: 12,184 US\$ (Thailand budget fiscal year 2000)

Timing period: October 2000-September,2002

**In addition, we are going to do some more projects, for examples, the relationship between birth weight and health; and obesity in children and adults. They will be cohort studies.**

**(b) Nutritive values of foods**

b.1) TITLE: Comparison of nutritive values of rice and vegetables planted by using effluent from domestic waste water treatment and ground water

Funding: 10,654 US \$ (Thailand budget fiscal year 2002)

Timing period: October, 2002 - September, 2003

b.2) TITLE: Increase some nutrients and reduce fat cholesterol in northern Thai sausage

Funding: 3,785 US \$ (University Affair, year 2002)

Timing period: October, 2002 - September, 2003

**6. Ongoing / Existing Training / Human Resources Development Activities (Graduate / Undergraduate / Short term courses etc.,) in the area of Food and Nutrition:**

We have an International Graduate Program (Master of Science in Health Sciences). The Master of Science in Health Sciences is a multidisciplinary international program leading to a research degree. The program will be carried out in conjunction the Graduate school, RIHES, and six health science faculties at Chiang Mai University, namely Medicine, Dentistry, Pharmacy, Nursing, Associated Medical Sciences and Veterinary Medicine. The program is intended to develop qualified researchers in the health sciences. The goal will be to develop student's knowledge and experience by carrying out a specific research project and by learning how to develop new skills in solving a relevant health science problem.

**7. Academic Staff Profile in the area of Food and Nutrition:**

Department / Discipline	Ph.D.,		Masters	
	Specialization	Number	Specialization	Number
RIHES	Nutritional Epidemiology & Food Chemistry	1	Human nutrition & Biochemistry	1
	Clinical Chemistry	1	Community Nutrition	1
	Toxicology	1	Food Chemistry	1
Internal of Medicine, CMU	Endocrinology M.D. (Hon)	1	Biochemistry	1

Ex: (Food Chemistry, Community Nutrition, Toxicology etc.)