Thailand’s Annual International Training Course (AITC) 2017

Tropical Medicine, Community Health Care and Research

I. Course Title: Tropical Medicine, Community Health Care and Research

II. Duration: 5 June – 2 July

III. Closing Date for Applications: 14 April 2017

IV. Background and Rational

Thailand has achieved certain health targets in terms of developing health care infrastructures, strengthening human resources for health, providing universal access to healthcare services, initiating a number of health promotion programs, creating essential health and medical knowledge and ultimately, improving health status of Thai people. These achievements can be shared among international communities.

The Faculty of Medicine, Khon Kaen University have been actively involved in Thailand health development via research, teaching, consulting and publishing knowledge in the field of community health development for many years. We are ready to share our own expertise with others. This short training course is developed to share Thailand’s experience on tropical medicine and community health care, involving a new approach for health leaders on a basis of sufficiency economy theory. They will learn from our Faculty as well as among their peers.

The training will also provide opportunities for the participants to create a network of for future collaboration in health care development.

V. Objectives

Upon completion of this course, participants will be able to:

- Use social determinants of a health framework to critically review contemporary policies, practices and research into tropical medicine, community health care and health development services.
- Increase knowledge and skills for developing and implementing effective community health services in response to anticipated community health challenges.
- Enhance capacity for translating community health research findings into routine practice.

VI. Course contents

Course outline:
- **Community health systems and policies**
  Community health systems: comparative policies and practice, community health service planning and resourcing
  Health Security reform
  Primary health care principles and practice
  Social determinants of health
  Interdisciplinary team work
  Economics of community health care

- **Community health care research, statistics and data analysis**
  Developing research proposal and Action Plan
  Qualitative and quantitative methods in data collection and analysis
  Research design, population, sample size determination and sampling
  Statistical inference

- **Current and future community health priorities**
  Tropical Medicine and Community Health in Asia
  Eco health and one health approaches to disease control
  Emerging diseases
  Communicable disease challenges; in-depth coverage of selected local infectious diseases
  Non-Communicable disease challenges: in-depth coverage of selected non-infectious diseases
  Neglected Tropical infectious diseases
  Globalization and health
  Isan substance abuse network
New challenges in community health
Alternative medicine related to Tropical disease
Community health research in priority health problem

- **Health promotion vs Health development**
  - Community clinical care models
  - Community health promotion models
  - Community health development models ( Sufficiency Economy)
  - Cholangiocarcinoma screening and care program (CASCAP)

- **Research methods for Community health planning and practice**
  - Epidemiological concepts and methods
  - Social epidemiology related to tropical diseases
  - Community health needs assessment
  - Health impact assessment
  - Community based participatory action research
  - Community intervention: program planning management and evaluation
  - Participatory epidemiology and social network analysis for infectious disease control
  - Geographic information system (GIS)

**Course main methods:**
A combination of lectures, seminars, workshops, participant’s presentations, practical group sessions and field trips to relevant sites.

**Study Trips/ Field Trips:**
  - KKU campus and Khon Kaen city
  - Lawa eco-community health project
  - Social development and welfare centre for seniors, Khon Kaen
  - Isan substance abuse network place
  - Ubol Ratana community health development project
  - Huai Hong Khrai Royal Development Study Centre, Chiang Mai
  - Culture, communities and interesting places
Assignments:
- **Country Report**: Participants will be expected to prepare a country report and prepare for a presentation during the course.
- **Project Assignments**: Participants will be expected to prepare examples of community health issues from their own practices for class discussion.
- **Others**: Participants will be expected to prepare a community health research/project proposal or Action Plan to be utilized upon returning to their respective countries.

VII. Expected Results
Participants will increase their knowledge and skills for developing and implementing effective community health services in response to anticipated community health challenges as well as enhance their capacity for translating community health research findings into routine practice.

VIII. Evaluation:
- All participants are required to present and submit their research/project proposal or Action Plan at the end of the course.
- In order to complete the course, participants are required to attend at least 90% of the classes.

IX. Number of Participants 20 persons

X. Qualifications
Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications” as well as following qualifications;
- possess at least two (2) years of professional experience in relevant fields.
- currently work as health personnel in the community health sectors; e.g., doctors, nurses, pharmacists, public health officers, administrators.

XI. Application
- Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work.
Nomination must be in line with relevant rules and regulations of the nominating countries/territories.
- Each eligible countries/territories are invited to nominate up to two (2) candidates per course.
- The application must be submitted to TICA through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate-General accredited to eligible countries/territories. (See “List of Eligible Countries/Territories”)

For more information on qualifications, application forms, and application procedures, please visit our website at http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html

X. Venue and Training Institution:
Faculty of Medicine, Khon Kaen University
Khon Kaen, Thailand

XI. Contact
For more information, please contact;
Bureau of International Cooperation on Human Resource Development
Thailand International Cooperation Agency (TICA)
Government Complex, Building B, 8th Floor, Chaengwattana Rd. Laksi District, Bangkok 10210 THAILAND
Website: www.tica.thaigov.net
Email: aitc@mfa.go.th

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