



# Epidemiological Research Training Course VIII-1

August 15-17&20, 2018

University of Medicine and Pharmacy

Ho Chi Minh City Vietnam



**THIS COURSE IS IN PARTNERSHIP WITH**

**JICA PARTNERSHIP PROGRAM**

**AND SUPPORTED BY**

**HO CHI MINH CITY HEALTH SERVICE AND**

**JAPAN EPIDEMIOLOGICAL ASSOCIATION**

## Epidemiology Research Training Course

This is a research training course jointly organized by the Fukushima Medical University and the University of Medicine and Pharmacy, Ho Chi Minh City, partnering with Japan International Cooperation Agency (JICA). The course targets doctors and university lecturers and offers a basic training in *practical* survey methods that can be applied for improving daily clinical practice. The course deals with health topics at all stages of life including maternal and child health, many aspects of diseases in adulthood and the elderly. Successful participants are given an authorized certificate from University of Medicine and Pharmacy, Ho Chi Minh City, and a Continuous Medical Education credit from Ho Chi Minh City Medical Association.

## Objectives

The primary objective of this course is to enable participants to understand scientific evidence and develop their own based on analysis of both clinical data and patients' voices.

To reinforce *basic knowledge* of epidemiology, biostatistics, and qualitative research

To provide *technical competencies* required for research: literature searching, critical appraisal of published medical evidence, study designing, questionnaire development, data handling, data analysis, and publication skills.

This course will focus more on underlying theories and designing of clinical epidemiology and cover a new field, which is qualitative research.

## Class Meeting Time and Place

Duration: 4 days from August 15 (Wed) to 17 (Fri) & 20 (Mon) (Note. The last day attendance is required.)  
Time: 9:00-12:00 & 13:30-16:00  
Place: Auditorium level 3, University of Medicine and Pharmacy HCMC  
(215 Hong Bang, District 5, HCMC)

## Didactic Method

Most lectures are given in English (only partly with translation into Vietnamese). Course materials (in English) are uploaded on the project website. A course textbook has been uploaded in the project website ([http://www.fmu.ac.jp/home/public\\_h/ebm/](http://www.fmu.ac.jp/home/public_h/ebm/)). Lectures are highly interactive with in-class exercises.

### **1. Audit Participant** (individual application)

Auditing of lectures without participation in group projects. Participants apply as an individual. The number of registrants is approximately limited to 50.

### **2. Project Course Participant** (group application)

Both previous and new groups are welcome. The representative from each group will present the plans and/or results of their project on the last day.

### **3. New workshop on qualitative research** (individual application)

New workshop on development of qualitative research and qualitative data analysis will be organized for 2 days during this course.

## Evaluation

Please note that we require everyday attendance, taking of the final examination, and participation in the presentation session for both Audit and Project Course Participants. For Project Course Participants, your group assignments are also evaluated. Certificates and CME credits are given to those who successfully complete the course (i.e., meeting all of the above requirements).

## Eligibility Criteria and Application

- ❖ Applicants should have at least two years of experience in clinical medicine and/or research.
- ❖ Proficiency in English reading is required. (Note. In the qualitative research part, please note that you should be able to read, write and communicate in English in order to analyze English text data.)
- ❖ We especially encourage participation of mid-career professionals with some experience in the design or conduct of epidemiological surveys.
- ❖ Previous courses' participants are also welcome.
- ❖ Participants will be selected by the university and the medical association.

Please submit the application form to Dr. Tran The Trung  
(Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City)  
[tranthetrong73@yahoo.com](mailto:tranthetrong73@yahoo.com)

## Tentative Curriculum

| Date                                                                                   | Morning class (9:00-12:00 am)                                                                             | Afternoon class (13:00-16:00 pm) |                                                           |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------|
| August 15                                                                              | OPENING<br>Goto (Comprehensive assessment and social epidemiology, PDSA cycle, overview of study designs) | Koriyama (Bias and confounding)  |                                                           |
| August 16                                                                              | Otani (Qualitative research development)                                                                  | Otani (Cont.)                    |                                                           |
| August 17                                                                              | Otani (Qualitative data analysis)                                                                         | Otani (Cont.)                    |                                                           |
| Note. There are no in-class lectures on August 18 and 19. Home-works will be provided. |                                                                                                           |                                  |                                                           |
| August 20                                                                              | Yokokawa<br>(HW answers, clinical epidemiology)                                                           | Examination                      | Group presentations<br>CLOSING<br>(Staff summary meeting) |

### Contacts

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Fukushima Medical University School of Medicine, Japan  
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Nguyen Quang Vinh  
Nguyen Tri Phuong Hospital, Ho Chi Minh City, Vietnam  
E-mail: [vinhtuvan90@gmail.com](mailto:vinhtuvan90@gmail.com)

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### **Course Leadership**

Tran Diep Tuan

Dean, University of Medicine and Pharmacy, Ho Chi Minh City (UMP)

Do Van Dung

Vice Dean, University of Medicine and Pharmacy, Ho Chi Minh City

Nguyen Thy Khue

Associate Professor Emeritus, Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City

Vice Deputy, Ho Chi Minh Medical Association

Goto, Aya

Professor, Center for Science and Humanities, Fukushima Medical University School of Medicine

### **Main Instructors**

Goto, Aya

Professor, Center for Integrated Science and Humanities, Fukushima Medical University School of Medicine

Nguyen Quang Vinh

Department of Obstetrics and Gynecology, Nguyen Tri Phuong Hospital

Head of Clinical Epidemiology Unit, Nguyen Tri Phuong Hospital

Vice-Chair, Department of Obstetrics and Gynecology, Tan Tao University, Long An Province

Koriyama, Chihaya

Professor, Department of Epidemiology and Preventive Medicine, Kagoshima University

Yokokawa, Hirohide

Chief Associate Professor, Department of General Medicine, Juntendo University School of Medicine

### **Guest Instructor**

Otani, Takashi

Professor, Information Science in Education, Nagoya University

### **Vietnamese instructors**

Nguyen Thi Tu Van

Chair, Department of Obstetrics and Gynecology, Tan Tao University, Long An Province

Tran Quang Nam

Lecturer, Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City

Tran The Trung

Lecturer, Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City

Tran Viet Thang

Lecturer, Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City

Vo Tuan Khoa

Medical doctor, Department of Endocrinology, People's Hospital 115, Ho Chi Minh City

Nguyen Thi Boi Ngoc,

Medical doctor, Department of Endocrinology, People's Hospital 115, Ho Chi Minh City

### **Project assistants**

Watanabe, Kazuyo

PhD student (International Community Health course), Fukushima Medical University Graduate School of Medicine

Sato, Rubuna

Medical doctor, Department of Emergency and Critical Care Medicine, Fukushima Medical University School of Medicine

Suzuki, Kosei

Medical student, Fukushima Medical University School of Medicine

Asano, Yui

Nursing student, Fukushima Medical University School of Medicine

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