



Epidemiological Research Training Course VII-2

August 04-09, 2017
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**

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Course syllabus

This is the 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.

Following the previous curriculum, this course will focus more in reasoning skills and a new fields will be covered, that is qualitative research.

Class Meeting Time and Place

Duration: August 04 (Wed) – 09(Sat)

Time: 9:00-12:00 & 13:30-16:00

Place: University Auditorium level 3

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/). Lectures are given in morning classes for all participants. In the afternoon, Project Course Participants work on group projects.

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)

Full participation of two in-class trainings (Course VII-1 in August, 2016 and Course VII-2 in August, 2017) and a group project are required. In Course VII-1, 11 projects were planned and we received 4 interim reports. The representative from each group will present the 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 at least 3 full day 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. For those who plan to attend the 2-day qualitative workshop 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 of Department of Endocrinology, University of Medicine and Pharmacy, Ho Chi Minh City. tranhetrung73@yahoo.com

Course Organizers and Leadership

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Main Instructors

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Guest Instructor

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Vietnamese instructors

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Project assistants

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Tentative Curriculum

	Morning class (9.00-12.00 am)		Afternoon class (13.00-16.00 pm)	
	Lecture 1		Lecture 2	Group project
August 5	OPENING Goto (course description, basic statistical tests)		Koriyama (multivariable analysis)	Planning of new projects and review of past projects
August 6	Otani (Qualitative research development)		Otani (Cont.)	
August 7	Otani (Qualitative data analysis)		Otani (Cont.)	
August 8	Yokokawa (analysis of clinical data)		Goto (text mining)	Planning of new projects and review of past projects
August 9	Examination	Group presentations CLOSING	(Staff summary meeting)	