



Epidemiological Research Training Course VI - 1

August 3-7, 2014
University of Medicine and Pharmacy
Ho Chi Minh City, Vietnam



**THIS COURSE IS SPONSORED BY
JICA PARTNERSHIP PROGRAM
AND SUPPORTED BY**

**HO CHI MINH CITY HEALTH SERVICE AND
JAPAN EPIDEMIOLOGICAL ASSOCIATION**



Course Syllabus

This is the sixth research training course jointly organized by the Department of Public Health of Fukushima Medical University and the University of Medicine and Pharmacy, Ho Chi Minh City. 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, life-style related diseases in adulthood and gerontology. 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. This course is sponsored by the JICA partnership program.

Objectives

The primary objective of this course is to enable participants to understand epidemiological findings, to design and conduct epidemiological studies.

1. To reinforce *basic knowledge* of epidemiology and biostatistics.
2. 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.

NOTE: The subsequent course (VI-2) in August, 2015 will focus on data analysis and publication skills.

Class Meeting Time and Place

Duration: August 3 (Sun) – 7 (Thu)

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

Place: University library

Didactic Method

Most lectures are given in English with translation into Vietnamese. Course materials (in English) are distributed on the first day of the course. A course textbook is uploaded in the project website (<http://hcmc-fukushima-ebm.net/>). Survey methodologies are taught in morning classes for all participants. In the afternoon, participants in the project course work on group projects.

1. Audit course (individual application)

Auditing of lectures without participation in group projects. Individual application is welcome. Number of registrants is limited to APX 50.

2. Project course (group application)

Full participation of two in-class trainings (Course VI-1 in August, 2014 and Course

V-2 in August, 2015) and a group project are required. You must apply as a group of 6-7 applicants preferably from the same organization (you should be able work closely as a team). Number of registrants is limited to APX 6 groups.

In Course VI-1, each group is required to work together and present their research proposals. Actual implementation of the planned research project must be completed before the Course VI-2, during which instructions on data analysis are provided. Course instructors will support all groups till article publication. However, please note that no research grant is provided, and you are strongly advised to obtain support from your institution. Small travel stipends will be provided to a number of selected participants traveling from outside of Ho Chi Minh City.

Evaluation

Please note that we require at least 3-day attendance, taking of the final examination, and participation in the presentation session for both Audit and Project Courses. For project course participants, their group assignments are also evaluated. Certificates and CME credits are given to those who successfully complete the course.

Note. If you are returning participants, please note the change in above evaluation 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. We especially encourage participation of mid-career professionals who have planned to conduct 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. tranthetrong73@yahoo.com

Course Organizers and Project Managers

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Main Instructors

Goto, Aya

Associate Professor, Department of Public Health, Fukushima Medical University School of Medicine

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Clinic Director; Department of Obstetrics and Gynecology, Nguyen Tri Phuong Hospital

Koriyama, Chihaya

Associate Professor, Department of Epidemiology and Preventive Medicine, Kagoshima University

Suzuki, Yuriko

Section Chief, Department of Adult Mental Health, National Institute of Mental Health

Yokokawa, Hirohide

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

Guest lecturers

Tran Tuan, Director, Research and Training Center for Community Development

Le Cu Linh, Chair, Department of Demography, Hanoi School of Public Health

Rebecca Schoon, Center for Global Health, Oregon State University

Assistant instructors

Nguyen Thi Tu Van

Senior Lecturer, Department of Obstetrics and Gynecology, University of Medicine and Pharmacy, Ho Chi Minh City

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(* Contribute also as project assistants)

Contacts

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Tentative Curriculum

	Morning class (9:00-12:00)		Afternoon class (13:30-16:00) <i>NOTE: For Project Course participants only.</i>	
	Lecture 1	Lecture 2	Mini-lecture	Group work*
3 Sun	-Opening- Course description Learning Epi terms in VN (Goto A & Tran TT)	Learning Bio terms in VN (Nguyen QV)	Literature searching (Vo TK)	Discussion of the group project topic with an assigned instructor
4 Mon	Quick overview of study designing (Goto A & AI)	Bias and confounding (Koriyama C & AI)	Protocol development (Koriyama C & AI)	Preparation of group presentation
5 Tue	Cohort study (Nguyen QV)	Case-control study (Yokokawa H & AI)	Questionnaire development (Yokokawa H & AI)	Preparation of group presentation
6 Wed	Cross-sectional study (Suzuki Y & AI)	Intervention study, program adaptation (Goto A & AI)	EBM Open Seminar "Building and Using Evidence" (Three guest lecturers)	
7 Thu	Building and utilizing data (Schoon R & AI)	Examination	Presentation of proposals	-Closing-

* Each group will be guided by one Vietnamese assistant instructor.

** AI = Assistant Instructor

EBM Open Seminar on August 6 "Building and Using Evidence"

Tentative titles

1. Importance of evidence from global health perspective (Rebecca Schoon, Oregon State University)
2. Building evidence in community (Tran Tuan, Research and Training Center for Community Development)
3. Sorting and using evidence (Le Cu Linh, Hanoi School of Public Health)

This seminar is open to physicians and university faculty who are interested in EBM.