



Epidemiological Research Training Course VII-1

August 16-20, 2016

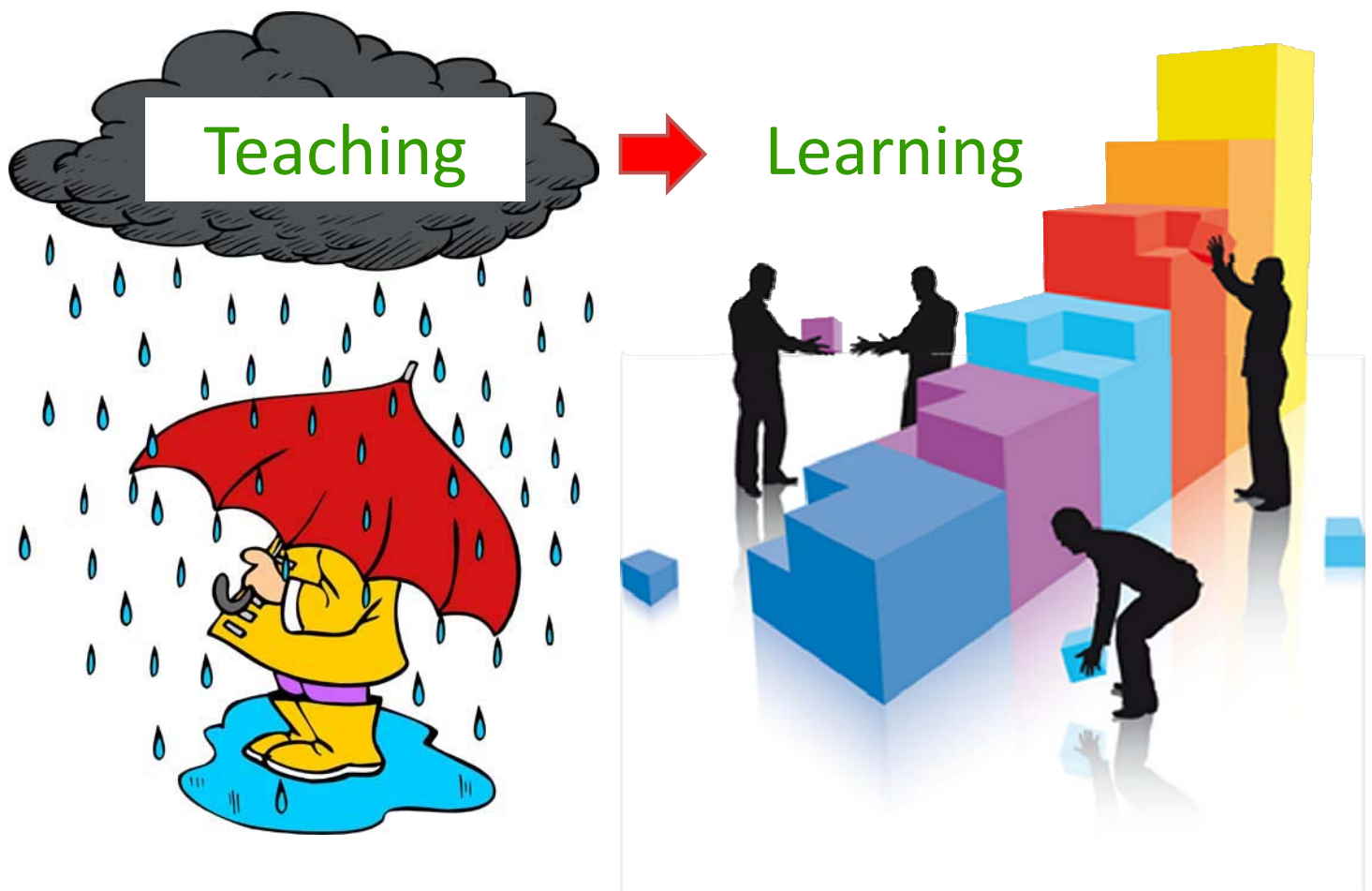
Ho Chi Minh City, Vietnam



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Aya Goto

SLIDE 1



SLIDE 2



Question

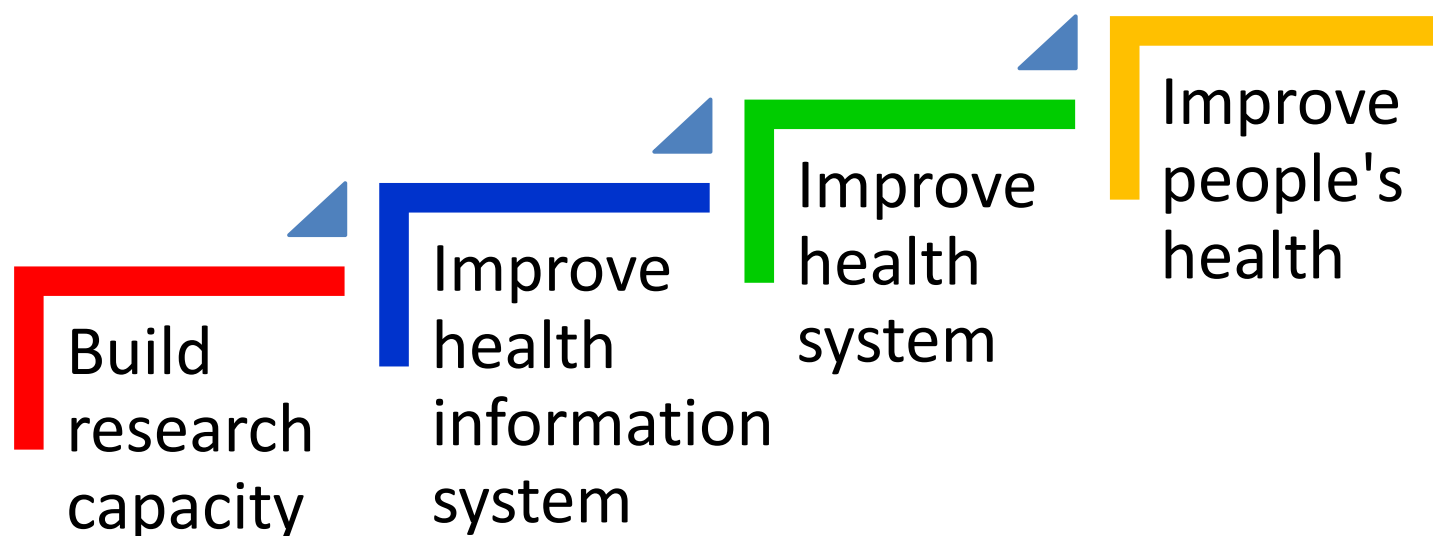


- ❖ Public health nurses in Fukushima City are facing raising anxiety among mothers regarding health effects of low-dose radiation exposure.
- ❖ How would you act when you receive a question like “How should we respond to community’s worries?”



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Theory Behind



Research capacity strengthening in the South.
Nchinda TC. Soc Sci Med. 2002; 54: 1699-711.



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Project Progresses

	Courses I - IV	Course V (Three-series)	Course VI (Two-series)
Time	2004 – 2009	2010-2012	2013-2015
Grant	Gov. research grants	JICA	JICA + local company
Accreditation	University	University + City	University + City + Ministry
Target	Physicians at university	Physicians in the city	Physicians in the South of VN
Lecturers	JP	JP + VN + Third country	JP + VN + Third country

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Project Organization

Instructors

Hanoi School of
Public Health

Kagoshima
University

Juntendo
University


National
Institute of
Mental Health

Oregon State
University

RTCCD

Supporting agencies

Ho Chi Minh City Health Service

 Japan Epidemiological Association

VN Ministry of Health (Tentative)

Grants



Partnership
Program

Local
company

Organizers



University of
Medicine and
Pharmacy, HCMC



HCMC Medical
Association



Fukushima
Medical
University



Fukushima
Prefecture

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Partnership



JAPAN

Research training
Collaborative
research



VIETNAM

Medical education
Collaborative
research



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Course content

Morning classes	Afternoon classes
Lectures and exercises on basic epidemiology and biostatistics ↓ Examination	Lectures on advanced knowledge and skills
	Group work on protocol development ↓ Group presentation!

- ❖ Please confirm whether you are in the audit or the project group.
- ❖ Please note that participation in the examination and group presentations are required for both groups.



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Daily group project assignment

- ❖ What did you learn today?
- ❖ How do you plan to apply the learned knowledge into your study protocol?

Note. This is for group project participants. Each group must report to assigned instructors every day.



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Recommended textbooks

- ❖ **Course textbook (Available on-line)**
- ❖ Gordis L. Epidemiology.
(WB Saunders Company)
- ❖ Hulley SB, et al. Designing Clinical Research.
(Lippincott Williams & Wilkins)
- ❖ Motulsky H. Intuitive Biostatistics.
(Oxford)



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Other on-line resources

- ❖ University of North Carolina at Chapel Hill
<http://www.epidemiolog.net>
- ❖ WHO Collaborating Center University of Pittsburgh
Supercourse –Epidemiology
<http://www.pitt.edu/~super1/>

For advanced learners....

- ❖ Harvard School of Public Health
Hernan M. Causal Inference Book.
<http://www.hsph.harvard.edu/miguel-hernan/causal-inference-book/>



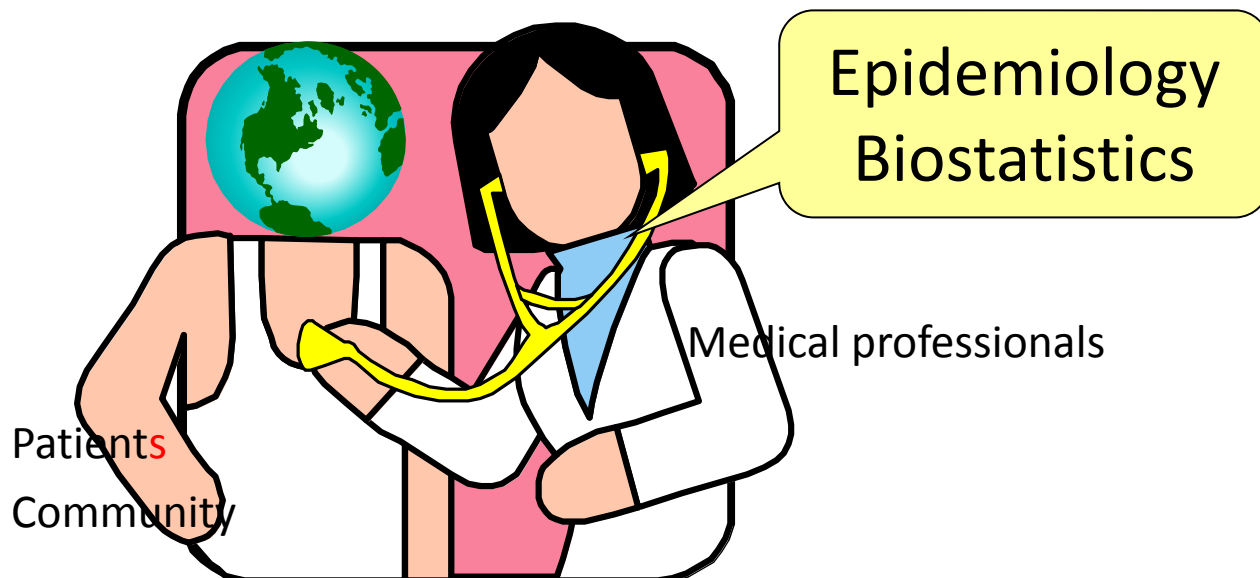
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Review of the first day...



- ❖ What is Epidemiology?
- ❖ What is Biostatistics?
- ❖ What are their functions?

Functions of research methods



❖ Please put these cards in order.



Protocol development

Main survey

Data management
(data cleaning and entry)

Pilot survey

Data analysis

Results dissemination
Applying results to services

Literature search



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“One chance,
one meeting”



Look around to
find collaborators.



SLIDE 16