



Epidemiological Research Training Course VI-2

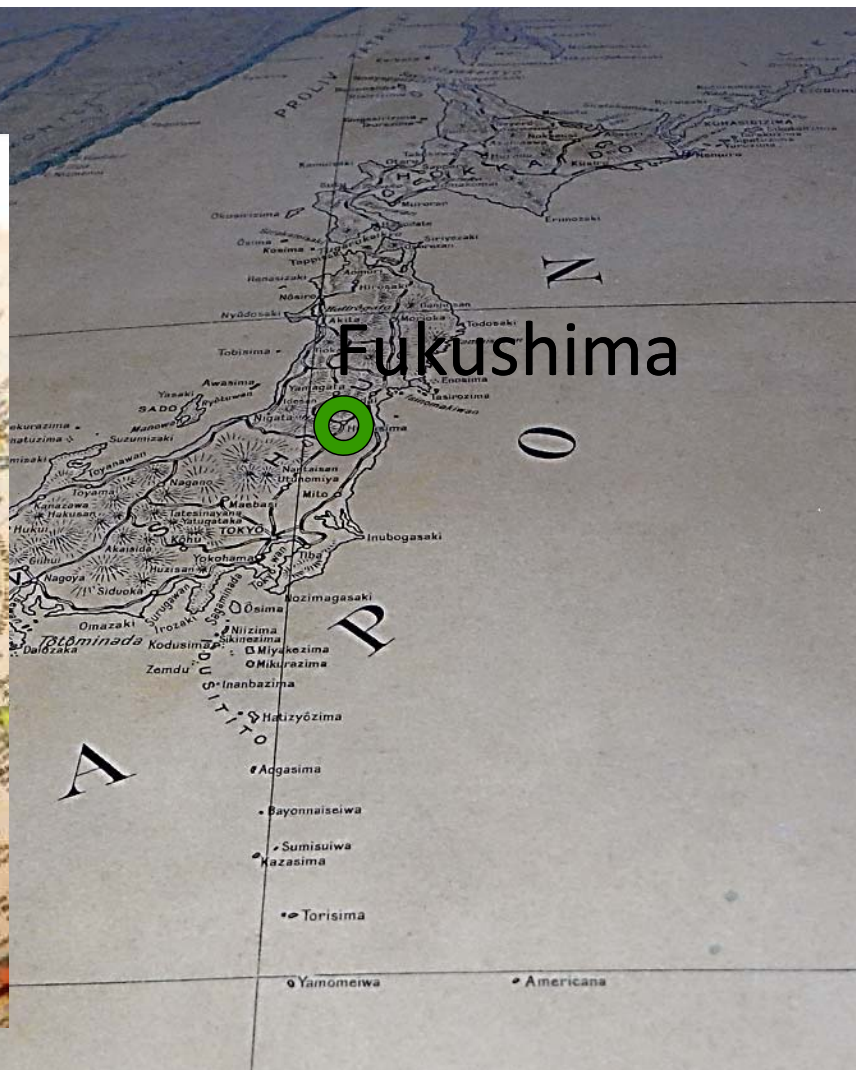
August 2-6, 2015

Ho Chi Minh City, Vietnam

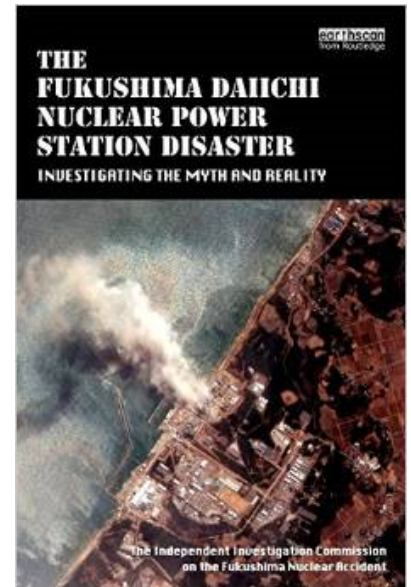


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Aya Goto



**March 11, 2011,
The Great East Japan Earthquake
→ Nuclear accidents**



Flooding following an earthquake and tsunami in Sendai, northeastern Japan March 12, 2011. TIME
<http://newsfeed.time.com/2011/03/11/japan-wakes-to-devastation-death-toll-climbs-rescue-effort-continues/>

Lancet. 2011; 377(9770): 968.

Japan: health after the earthquake.



SLIDE 3



We deeply appreciate your thoughtful and generous supports after the 3.11 disaster.

Mindful of your encouragements, we continue to expand JICA Partnership Project's epidemiology training course. Now, more than ever, we feel that **international health activities enrich all participating countries**, rather than being a one-way flow support from one side to the other.

<http://cbbstoday.org/specialeditions/xxx3/index.php>



SLIDE 4



Evidence

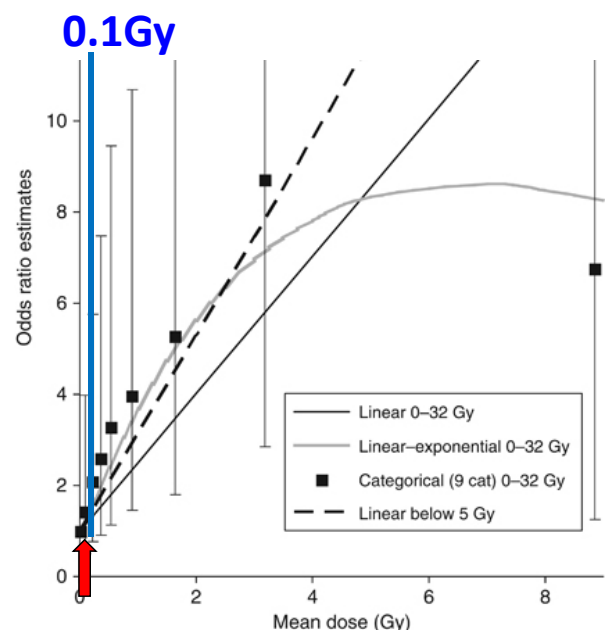
Within a year, 10% decline in
under 5-yo pop.

*"I have never taken my baby
outside ever since she was born.
Will it affect her development?"*



<http://www.47news.jp/47topics/e/221254.php>

Thyroid cancer risk in Belarus
among children and adolescents
exposed to radioiodine after the
Chernobyl accident.



< 0.002Gy British Journal of Cancer
2011; 104: 181-187.

Fukushima Health Management Survey

Pregnancy and Birth Survey

Characteristics

- Age, residency
- Pregnancy and medical histories

Perinatal items

- Antenatal and delivery care
- Complications

Child health items

- Gestational week, anthropometries
- Child abnormalities

Parenting items

- Maternal depression
- Feeding method
- Concerns (Open-ended question)



Telephone counseling
for mothers with
depressive symptoms
and parenting
concerns



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FUKUSHIMA Open Seminar on August 6

“Disaster, Evidence, and Community: Fukushima Case”

1. Introduction of Fukushima
(Tsunetoshi Manome, Fukushima prefectural office)
2. Overview of Fukushima Health Management Survey
(Seiji Yasumura, Fukushima Medical University)
3. Working with evacuees' community
(Yujiro Kuroda, Fukushima Medical University)

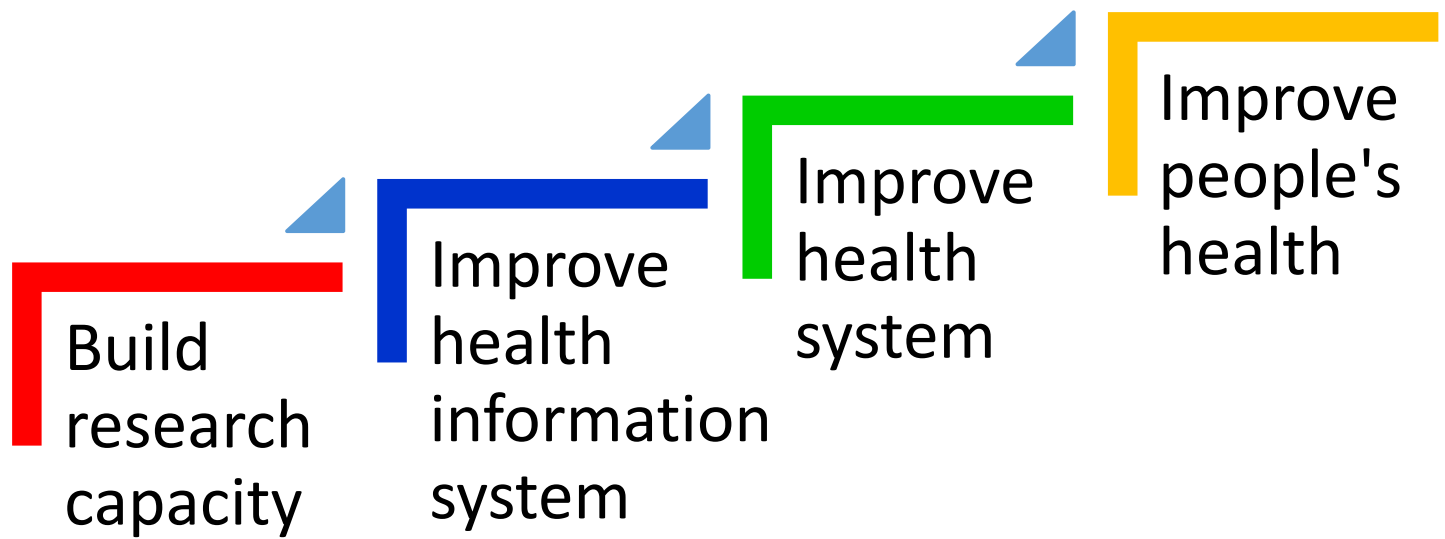
- ❑ *This seminar is open to physicians and university faculty who are interested in the topic. Please bring your **friends**!*
- ❑ *Small **gifts** from Fukushima will be distributed! First-come, first-served.*



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SLIDE 8

Theory behind



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



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Building evidence



SLIDE 10

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

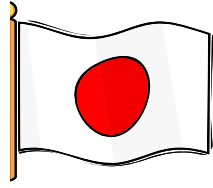


Fukushima Prefecture

*Course VI is funded in part by the HCMC Medical Association's CME Partnership Grant with **Novartis Vietnam**, which was initiated by one of graduates of a past course.

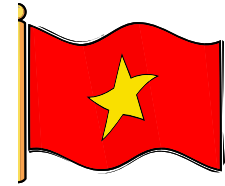
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Partnership



JAPAN

Research training
Collaborative
research



VIETNAM

Medical education
Collaborative
research



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Course content

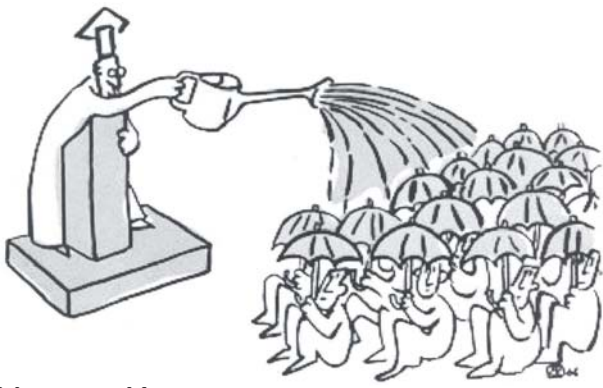
Morning classes	Afternoon classes
Lectures and exercises on basic biostatistics ↓ Examination	Lectures on advanced skills Group work on data analysis ↓ Group presentation

- ❖ 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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Nancy Kane
Facilitating a classroom
environment to engage students



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Recommended textbooks

- ❖ **Course textbook** (Both ENG & VN 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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Functions of research methods

