

## 5 International Collaboration

### 1) WHO Collaborating Center

The Institute has been designated as a WHO Collaborating Center (WHOCC) for Occupational Health in March 1988, in order to promote research activities and training programs for occupational medicine and health, along the line of WHO activities. Since then, IIES has successfully renewed the designation every 4 years credited with its accomplishment on (1) research, (2) education and training, (3) advisory function to WHO, and (4) participation to WHO programs, to become the only WHOCC in Japan lasting more than 20 years. In 2005, IIES hosted international meeting of WHOCC in West Pacific Regional Office (WPRO) area. In 2007, IIES held the international symposium titled “Knowledge transference as the 20<sup>th</sup> anniversary memorial of IIES and a WHOCC meeting with 10 institutions in Asia, Oceania, and Europe.



### 2) Memorandum of Understanding

IIES exchanges a Memorandum of Understanding with foreign institute to facilitate international collaboration as shown in the table.



Table Foreign institutes exchanged Memorandum of Understanding with IIES

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1984	Kosin University (Korea)
1989	Kyungnam University (Korea)
1989	Soonchunhyang University (Korea)
1998	Finish Institute of Occupational Health (Finland)
2000	Catholic University of Korea (Korea)
2007	National Institute of Occupational and Environmental Health (Vietnam)

- 2007 National Taiwan University (Taiwan)
  - 2008 Ulsan University Hospital (Korea)
  - 2008 Wenzhou Medical College (China)
  - 2010 Occupational Safety and Health Research Institute, Korean Occupational Safety and Health Association (Korea)
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### 3) Foreign Researcher

#### (1) visiting professor

IIES has welcomed the visits of 63 internationally prominent researchers in the field of occupational medicine as “visiting professors” since 1982.

#### (2) foreign visiting researcher

IIES has accepted 184 foreign researchers as “foreign visiting researchers” to promote joint research activities since 1982.

#### (3) mobilized researcher on occupational medicine from overseas

IIES has accepted 289 young foreign researchers involved in our research activities as “mobilized researcher on occupational medicine from overseas” since 1984.

### 4) Overseas Dispatch of Expert

IIES carries out its role of international collaboration through dispatching experts to on-site projects overseas of Japan International Cooperation Agency (JICA). IIES actively cooperates with regard to providing research and technological guidance by dispatching our staffs to overseas facilities which have been set up as part of Japanese Government Overseas Development Aid programs.

IIES also dispatches staffs to institutes in advanced nations to promote our status of research and education in the field of occupational medicine, sponsored by “Japan-USA exchange program for researcher in the field of occupational medicine” of UOEH.



### 5) On-line Distance Learning Seminar

Since 2002 IIES provides on-line distance learning seminars in occupational health between Singapore, Manila, Taipei and other Asian cities via a high-speed cable connection.

### 6) International Group Training Course

The Institute has been organizing the Group Training Course in the field of occupational health

commissioned by the Japan International Cooperation Agency (JICA). It started in 1985 under the title of “Occupational Medicine” which continued for 20 years (1985-2004), then “Occupational and Environmental Health Management for Sustainable Development” for 5 years (2005-2009). Aimed at providing basic concepts and fundamental knowledge of the concerned field, the Institute has so far trained 258 participants in 55 countries as of 2009. Since 2010, the course is held under the title of “Occupational Health and Preventive Medicine for Workers.”

Table International Group Training Course Curriculum of “Occupational Health and Preventive Medicine for Workers”

Lectures

1.Orientation	2 units
2.Mental Health	6 units
3.Health Promotion Sciences	9 units
4.Hazard and Risk Assessment	7 units
5.Occupational Health Disorders & Their Prevention	
(1)Health Disorders related to chemicals, etc	6 units
(2)Health Disorders by organs and system	10 units
6.IT in Occupational Health	6 units
7.Epidemiology and Biostatistics	16 units
8.Environmental Health Engineering	12 units
9.Ergonomics	12 units
10.Industrial Ecology and Global Environment	6 units
11.Environmental Management	6 units
12.Management of Organization, Personnel, and Labour	6 units
13.OSHMS	7 units
14.Health Policy and CSR	6 units
15.Stakeholder and Constituency	6 units
16.Recent topics in Occupational & Environmental Health	20 units
17.Job Report	4 units
18.Action Plan	5 units
Field Trip*	14 days
Elective Course	3 days

\* Fields trips to several factories and institutions will be arranged in order to learn occupational health problems from past experiences and present situations in Japanese enterprises.



Table Foreign Researchers by Year and by Title (October 1, 2010)

year	visiting professor	foreign visiting researcher	overseas research fellow					total	JICA trainee	total	
			funded by WHO	funded by JICA	funded by JSPS	private	miscellaneous				
1982	1	1								2	
1983	1	3								4	
1984	2	4	1					1	2	8	
1985	3	6				2			2	12	23
1986	2	5	1	2					3	12	22
1987	3	6	1	1	1				3	12	24
1988	2	3	2	1					3	9	17
1989	5	7	1	4	1	2		2	10	11	33
1990	1	6				3		3	6	11	24
1991	4	10		4	2	1		2	9	8	31
1992	3	13	1	3		4		4	12	10	38
1993	4	10		8		5		4	17	11	42
1994	2	11		2		5		7	14	10	37
1995	4	6		3		5		3	11	10	31
1996	4	7		2		10		4	16	10	37
1997	3	8		4		17		8	29	10	50
1998	2	7		1	1	10		3	15	12	36
1999	3	8		4	1	12		3	20	10	41
2000	5	9		2	1	13		2	18	10	42
2001	1	8			2	12		2	16	11	36
2002	2	11		2	2	14		2	20	7	40
2003	1	11		2	2	8		3	15	11	38
2004	1	7		1	1	2		4	8	11	27
2005	1	5			2	3		5	10	11	27
2006		3			1	4		3	8	10	21
2007	1				2	5		5	12	11	24
2008					1	2		2	5	9	14
2009	1				1	2		1	4	7	12
2010	1	9				1			1	5	16
total	63	184	7	46	21	142		73	289	261	797

Table Foreign Researchers by Country and by Year (October 1, 2010)

country	year																				total									
	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01		02	03	04	05	06	07	08	09	10
China			2	1		3	1	3	4	10	12	12	12	9	17	22	14	18	16	20	23	12	12	8	8	7	3	2	5	256
Republic of Korea	1	1	1	3	6	5	3	9	6	6	10	9	7	7	5	6	6	4	4	1	3	4		3	2	1			2	115
Indonesia			1	2	1	1	2	1	1		1	8		3	1	2	2	2	2	2	1	3	1			3	2			40
Thailand			1	1	1	2	1	3	1	1	2	2	1	2	1	3	2	2	2	1	1	1		1		1	2	3		38
U.S.A.	1		2	3	1	3		5	1	3		3	1	1	1		1	1	1	2				1		1			32	
Malaysia			1	1	2	1									1	3	1	1	1	1	1	2	3	1		1	2	3	4	30
Philippines			4	1	1	2	3	1	1	4	2		2	1	1	1	1	1	1			1	2	1					30	
Brazil			2	1	2	2	2	1	2		1		1	1	3	1	1	1	1			1							23	
Taiwan			1	1		1		1	2	2	3	1			1				1						1				15	
Viet Nam																1	1	1	1			2		4				2	12	
Finland														1		1		1	1	1	1	2	1	1					10	
Canada		1													1			1	1	1	1	1	1					1	8	
Kenya				1								1	1	1	1	1	1							1					8	
Colombia				1	1				1			1		1				1	1	1									8	
Sri Lanka										1									1	1	1	1	1	2				1	8	
Turkey				1							1					1				1			1	1					7	
Peru														1		1	1		1	1			1	1					7	
Myanmar			1	1	1											1						1	1						6	
Costa Rica						1	2	1						1					1			1	1						6	
Hungary												1					2	1	1	1									6	
Solomon Islands																										2	1	3	6	
U.K							1		1	1						1			1										5	
Seychelles									1														1	1	1	1			5	
Guatemala											1	2			1						1								5	
Chile											1	1					1		1				1						5	
Sweden																		1		2	1	1							5	
Singapore			1													1										1			4	
Bolivia						1	1	1														1							4	
Uruguay											2			1	1														4	
Pakistan											1	1							1		1								4	
Bangladesh											1								1										4	
Iran																						1					2	1	1	4
Palestine																				1	1	1			1				4	
Argentina				1	2																1	1	1						3	
Mexico				1															1	1									3	
Syria				1	1														1										3	
Ethiopia							1	1							1														3	
Tanzania									1	1															1				3	
Ghana									1			1										1							3	
Bulgaria											1	1	1																3	
Kazakhstan															1											2			3	
Ukraine																2	1												3	
Panama				1	1																								2	
Cambodia										1																1			2	
Russia														1	1														2	
Germany														1		1													2	
Papua New Guinea																2													2	
Saudi Arabia																									2				2	
Paraguay																						1	1						2	
Fiji																				1		1							2	
Maldives																										1	1		2	
Italy		1																											1	
New Zealand		1																											1	
Holland				1																									1	
Yugoslavia					1																								1	
Swiss							1																						1	
Tonga							1																						1	
Macau							1																						1	
Iraq								1																					1	
Trinidad and Tobago										1																			1	
Grenada											1																		1	
Nigeria										1																			1	
Jamaica												1																	1	
Laos												1																	1	
Australia													1																1	
Mauritius													1																1	
Jordan													1																1	
Dominican Republic																			1										1	
Honduras																				1									1	
South Africa																				1									1	
Egypt																						1							1	
France																							1						1	
Cote d'Ivoire																								1					1	
Mongolia																								1					1	
Romania																								1					1	
Samoa																									1				1	
Palau																										1			1	
Belize																										1			1	
Moldova																											1		1	
total researchers	2	4	8	23	22	24	17	33	24	31	38	42	37	31	37	50	36	41	42	36	40	38	27	27	21	24	14	12	16	797
total countries	2	4	6	15	14	14	13	12	15	13	11	18	13	15	15	16	15	19	22	16	14	15	14	14	10	14	8	5	7	79

Table Foreign Researchers by Country and by Year (October 1, 2010)

country	year																				total							
	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04		05	06	07	08	09	10	
Thailand	1	1	1	1	1	1	1	2	1	1	2	1	1	2	1	1	1	1	1	1	1						23	
Malaysia	1	1	1									1	2	1		1	1		1	2			1	2	2	4	21	
Philippines	3	1	1	1	1	1		2	1		1	1		1	1	1				1	2	1				20		
China			1			1	1	1	1		1	1	1	1	1	1	1	1	1	2	1		1	2	1		20	
Indonesia	1	2	1	1	1	1				2		1		1	1	1	1	1	1	2						18		
Brazil	1	1	1	2	2	1	1		1	1	1	1	1	1	1		1									17		
Republic of Korea	1	1	1		1	1	1	1	2	1		1		1												12		
Colombia		1	1			1			1		1					1	1	1								8		
Kenya									1	1	1	1	1	1												7		
Peru											1		1	1		1	1		1		1					7		
Viet Nam													1		1	1	1		1		1					1	7	
Costa Rica				1	2	1					1				1												6	
Sri Lanka							1											1	1			1	2				6	
Solomon Islands																							2	1	3		6	
Seychelles						1														1	1	1	1				5	
Turkey								1		1							1			1	1						5	
Chile									1	1					1		1				1						5	
Myanmar	1	1	1												1												4	
Bolivia			1	1	1															1							4	
Uruguay									2			1	1														4	
Bangladesh									1							1									2		4	
Argentina	1	2																									3	
Syria		1	1												1												3	
Ghana						1				1									1								3	
Tanzania							1					1											1				3	
Iran																							1		1	1	3	
Palestine																		1	1	1							3	
Ethiopia				1	1																						2	
Kazakhstan																								2			2	
Saudi Arabia																							2				2	
Papua New Guinea													2														2	
Paraguay																			1	1							2	
Maldives																							1	1			2	
Singapore	1																										1	
Mexico	1																										1	
Panama			1																								1	
Tonga				1																							1	
Iraq					1																						1	
Trinidad and Tobago						1																					1	
Grenada							1																				1	
Nigeria							1																				1	
Jamaica									1																		1	
Mauritius										1																	1	
Jordan										1																	1	
Fiji																	1										1	
Honduras																1											1	
Pakistan																		1									1	
Egypt																			1								1	
Cote d'Ivoire																					1						1	
Romania																					1						1	
Samoa																						1					1	
Palau																							1				1	
Belize																							1				1	
Cambodia																								1			1	
Moldova																								1			1	
total	12	12	12	9	11	11	8	10	11	10	10	10	10	10	12	10	10	11	7	11	11	11	10	11	9	7	5	256