

**REMOTE SENSING TECHNOLOGY
(FUNDAMENTAL) II**

May 9, 2000 - Jul. 16, 2000, 8 participants

リモートセンシング技術(基礎) II

J-00-03333

- PURPOSE** The purpose of the course is to transfer fundamental knowledge and technology on satellite remote sensing, mainly focused on digital analysis, to the researchers and engineers from developing countries, through lectures, practices, field trips, and so on.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on workshop using computers. The following are the major subjects to be covered in the course. (1) basic theory (2) sensor satellite (3) image processing (4) application (5) ground truth (6) workshop: digital image analysis, geometric correction and GIS, personal computer processing, personal computer system and programming
- QUALIFICATION OF APPLICANT** (1) university graduate, or equivalent with fundamental knowledge of physics and mathematics (2) researcher or engineer in remote sensing application fields, such as country planning, agriculture, forest management and mapping (3) under 35 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Remote Sensing Technology Center of Japan (RESTEC)
- REMARKS**

REMOTE SENSING TECHNOLOGY (ADVANCED)

Oct. 31, 2000 - Dec. 10, 2000, 5 participants

リモートセンシング技術(上級)

J-00-03355

- PURPOSE** The purpose of this course is to introduce the application technology and advanced digital processing technology covering remote sensing data. Through the course, participants are expected; (1) to learn about advanced processing technologies of remote sensing data and about the application techniques of remote sensing data in various fields such as land survey, forestry, resources exploration fishery and others, and (2) to learn how to preprocess and analyze remote sensing data using interactive digital image processing systems and how to evaluate the digitally processed images.
- MAIN FEATURES OF CURRICULUM** The following are the major subjects to be covered in the course. (1) lectures; basic, application, (2) hands-on training; Personal Computer Processing, Analysis with digital image processing systems, SAR interferometry, (3) Observation
- QUALIFICATION OF APPLICANT** (1) university graduate, or equivalent with a fundamental knowledge of physics and mathematics (2) researchers or engineers in remote sensing application fields, such as country planning, agriculture, forest management and mapping (3) under 45 years of age (4) person having completed the JICA Group Training Course in "Remote Sensing Technology (fundamental) or having experienced investigation or activities in remote sensing application for more than 3 years.
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Remote Sensing Technology Center of Japan (RESTEC)
- REMARKS**

AGRICULTURAL BIOTECHNOLOGY

Mar. 19, 2001 - Aug. 12, 2001, 8 participants

アグロバイオテクノロジー

J-00-00700

- PURPOSE** The purpose of the course is to provide expert who majored in biotechnology and bioscience, mainly in the fields utilizing livestock, higher plants and microorganisms, in a university or the equivalents with fundamental and practical knowledge and techniques to make best use of bio-resources in the Agrobiotechnology (livestock, higher plants, microorganisms) field in which continuous technological innovations and higher applicabilities are expected in the near future.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of fundamental and practical knowledge on the following subjects through lectures, practices and study tours. (1) lectures: (a) general view in biotechnology, (b) clones and propagation of animals and plants, (c) gene mapping by molecular markers in breeding program, (d) stress response and cellular signal transduction, (e) genetic engineering, (f) screening of immunopotential activities in food components, (g) diagnostic analysis of pathogenic bacteria, (h) bio-remediation of environmental contaminants by microorganisms and their screenings and genetic modifications (i) biodiversity, conservation and sustainable development. (2) laboratory works: corresponding to lectures (b)-(h). (3) observation tours: observation of institutes concerned with crop genes, application of microbial activities, etc.
- QUALIFICATION OF APPLICANT** (1) presently engaged in research work and have more than three years of occupational experience in this field (2) university graduates or equivalents (3) not less than 26 and not more than 35 years of age
- TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Faculty of Agriculture, Kobe University
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

CULTURAL ASSET PRESERVATION AND RESTORATION TECHNOLOGY

Feb. 12, 2001 - Jun. 24, 2001, 6 participants

文化財修復整備技術

J-00-03367

- PURPOSE** To contribute to the preservation and restoration of cultural assets in participating countries by introducing technology accumulated in Kyoto, concentrating on restoration of wooden cultural assets. As a rule, stone cultural assets are not focused in this training course.
- MAIN FEATURES OF CURRICULUM** The course consists of a common programme for all participants and a following specialized training programme. This year specialized training programme will focus on wooden buildings and townscapes.
- QUALIFICATION OF APPLICANT** (1) leading technical experts with at least three years' experience in the field of cultural asset preservation and restoration technology (2) under 40 years of age
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) The Agency for Cultural Affairs (3) Faculty of Engineering and Faculty of Agriculture, Kyoto University (4) Kyoto National Museum, ACA (5) Kyoto Prefectural Archaeological Research Center (6) Cultural Properties Div., Kyoto Prefectural Board of Education (7) Kyoto City Archaeological Research Institute (8) University of Shiga Prefecture (9) Kyoto Kagaku Co., Ltd. (10) Shiga Archaeological Operation and Research Institute
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

**MUSEUM MANAGEMENT TECHNOLOGY
(COLLECTION, PRESERVATION, EXHIBITION)**

Jul. 31, 2000 - Dec. 29, 2000, 7 participants

博物館技術(収集、保存、展示)

J-00-00617

- 1. PURPOSE** The purpose of this course is to provide comprehensive knowledge on the role and function of contemporary museums both in theory and practice, in order to train experts who are expected to take leading roles in administration and management of museums which will contribute to the promotion of tourism and will be the center of educational and cultural activities.
- 2. MAIN FEATURES OF CURRICULUM** This course includes lectures and practices on the role and function of modern museums by introducing accumulated knowledge and experience in Japan: (1) introduction of museology (2) filing and recording (3) exhibition technique (4) preservation (5) public relation and educational activity (6) facilities and equipments.
- 3. QUALIFICATION OF APPLICANT** (1) specialist with at least 3 years of experience in the field of management and administration of museums (2) university graduate or person with equivalent technical qualification in the field (3) between 25 and 45 years of age.
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) National Museum of Ethnology (3) Japan International Cooperation Center.
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 3 weeks (75 hours).

**SAFETY CONTROL SYSTEM FOR AGRICULTURAL, LIVESTOCK
AND FISHERY PRODUCTS IN SAB-SAHARA AFRICA COUNTRIES**

Jan. 15, 2001 - Mar. 11, 2001, 5 participants

サハラ以南アフリカ諸国における農畜水産物の安全管理技術 J-00-03486

- 1. PURPOSE** The details of this course are under planning
- 2. MAIN FEATURES OF CURRICULUM** The details of this course are under planning
- 3. QUALIFICATION OF APPLICANT** The details of this course are under planning
- 4. TRAINING INSTITUTIONS** The details of this course are under planning
- 5. REMARKS**

ECHINOCOCCOSIS CONTROL MEASURES

Jan. 8, 2001 - Mar. 11, 2001, 5 participants

エキノコックス症対策

J-00-03402

- 1. PURPOSE** This course is mainly designed for the purpose of gaining comprehensive knowledge of echinococcosis and Echinococcus, to learn techniques on immunoserological diagnosis of echinococcosis and molecular diagnosis of Echinococcus, and to experience special exercises on the public health aspects of echinococcosis control, particularly in relation to food hygiene and environmental hygiene, resulting in learning the importance of health administration which is indispensable to execute control measures against echinococcosis.
- 2. MAIN FEATURES OF CURRICULUM** (1) lectures on basic concepts of Echinococcus/echinococcosis (a) Control measures of echinococcosis which have been taken in the world (b) Control measures of echinococcosis which have been taken in Hokkaido (c) Biology of Echinococcus (e) Immunoserological diagnosis of echinococcosis (f) Pathology of echinococcosis (g) Clinical aspects, diagnosis and treatment of echinococcosis (2) practical exercises on serodiagnosis and molecular diagnosis (a) Enzyme-linked immunosorbent assay (ELISA) as a test for screening (b) Western blotting (WB) as a test for confirmation (c) Polymerase chain reaction (PCR) and direct nucleotide sequencing (d) Agarose gel electrophoresis-capillary blotting and PAGE-electric blotting with immunodetection (e) Others (inspection) (3) Special exercises on the public health aspects of echinococcosis control (a) Special exercise I. echinococcosis control: an epidemiological survey at a fixed point, Asahikawa public health center, Asahikawa city (b) Special exercise II. echinococcosis control: (i) Field exercises on the environmental hygiene aspects at the Nemuro public health center (Nemuro city) (ii) Practical exercises on food hygiene aspects at the Obihiro public health center and Obihiro meat inspection center (Obihiro city) (4) Special lecture and inspections on the various aspects of hygiene and public health (a) Zoonosis (b) Hygiene and Public health
- 3. QUALIFICATION OF APPLICANT** (1) any one of the following (a) public health laboratory staff who hold a qualification of MD or DVM and are presently in charge of prevention of echinococcosis. (b) senior technical officials in central or provincial government, or in local bodies, who have responsibility for the control measures of an endemic disease such as echinococcosis. (c) medical technologists who are presently in charge of serodiagnosis of endemic diseases including echinococcosis. (2) under 40 years of age.
- 4. TRAINING INSTITUTIONS** (1) Hokkaido Institute of Public Health (2) Hokkaido International Centre, Sapporo (HICS), JICA.
- 5. REMARKS**

MYCOTOXIN INSPECTION IN FOOD

Feb. 5, 2001 - May 20, 2001, 7 participants

マイコトキシン検査技術

J-00-00683

- 1. PURPOSE** The purpose of the course is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this course, they are expected to be able to apply them in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lecture, practice and field trip. **LECTURES:** (1) food sanitation law and food inspection (2) general view on mycotoxins (3) introduction to fungi (4) isolation and identification of fungi (5) *Aspergillus flavus* contamination of groundnuts and maize (6) *Fusarium* contamination of wheat and maize (7) sampling for mycotoxins (8) analysis of mycotoxins (9) control of mycotoxins (10) analysis of food preservatives. **PRACTICES:** (1) method of the isolation and identification of mycotoxins-producing fungi (2) analysis of mycotoxins such as aflatoxins and *Fusarium* mycotoxins (3) analysis of food preservatives. **OBSERVATIONS and FIELD TRIPS:** government and private food inspection organization, food processing factories
- 3. QUALIFICATION OF APPLICANT** (1) technical officer or inspector presently engaged in food inspection (2) university graduate or equivalent with practical experience of not less than three years in the field of food inspection (3) not more than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Public Health Research Institute of Kobe City, Kobe Institute of Health (3) Nagoya City Public Health Research Institute (4) Faculty of Agriculture, Kagawa University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

VACCINE QUALITY CONTROL TECHNOLOGY

Jul. 17, 2000 - Dec. 23, 2000, 6 participants

ワクチン品質管理技術

J-00-00367

- PURPOSE** The participants are expected to acquire quality control technology for an acceptance inspection of their domestically produced or imported vaccines and techniques for preserving, transporting or using vaccine correctly in their countries.
- MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and group work at laboratory. Common subjects are: (1) quality control technology for measles vaccine and DPT vaccine. (2) effect of transportation and preservation conditions on the vaccine quality (3) good manufacturing practice. Participants will be divided into 2 groups to cover one of the following subjects: (a) measles virus vaccine (b) diphtheria pertussis-tetanus combined vaccine
- QUALIFICATION OF APPLICANT** (1) university/college graduate or equivalent with occupational experience of more than three years in developing, manufacturing and quality control of biological products (2) under 35 years of age (3) engaged in the same field after returning to their country (4) working at a national control authority or other forms of vaccine quality control institutions approved by the World Health Organization for this course.
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Research Foundation for Microbial Diseases of Osaka University
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four weeks.

HEALTH AND ENVIRONMENTAL TECHNOLOGISTS

Jun. 8, 2000 - Dec. 17, 2000, 5 participants

衛生・環境分析技術者

J-00-00296

- PURPOSE** The purpose of this training course is to provide participants, who are presently engaged as laboratory technologists in the field of public health, with fundamental and practical knowledge of public health technology through lectures, field work, laboratory work and observations.
- MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and individual research work at laboratory. Each participant is to take one of the following subjects for their individual research: (1) infectious disease (2) medical zoology (3) food chemistry (4) air pollution (5) water pollution (6) snake venom and antivenin
- QUALIFICATION OF APPLICANT** (1) presently engaged in research work as a laboratory technologist in the field of public health (2) university graduate or equivalent and having occupational experience of more than three years (3) under 41 years of age
- TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Institute of Public Health
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for six weeks (150 hours).

SEMINAR ON ERADICATION OF VACCINE PREVENTABLE DISEASE

Jul. 24, 2000 - Aug. 28, 2000, 7 participants

ワクチン予防可能疾患の根絶セミナー

J-00-00604

- PURPOSE** The purpose of this course is to provide middle level managers of the health services with information on: (1) analysis of the history of past polio eradication programmes and elements needed for eradication of vaccine preventable diseases such as measles, diphtheria, (2) setting-up of practical eradication methodology and management of field programme based on aforementioned (1), (surveillance, diagnosis, vaccination, etc.), and (3) review of global eradication programmes, especially the programmes of WHO Western Pacific Region.
- MAIN FEATURES OF CURRICULUM** In this seminar, the emphasis is put on report presentation of polio eradication plan in each participants' country through discussions, lectures and field survey practice. The subjects covered in the seminar are: (1) basic lectures (a) virology and epidemiology of poliomyelitis and other vaccine preventable diseases (b) pathology poliomyelitis (c) clinical features of poliomyelitis, measles and diphtheria (d) production of oral polio vaccine (e) maintenance of cold chain (f) laboratory diagnosis management specimens (g) laboratory diagnosis management of diagnostic technique and feedback to field (h) relationship between EPI and polio eradication efforts (2) special lectures (a) introduction to poliomyelitis eradication strategy (b) international health and medical cooperation (multi/bilateral/NGO) (3) programme management (4) case study (5) field action and field trips (6) group discussion and study (7) presentation and discussions of Country Report
- QUALIFICATION OF APPLICANT** (1) medical doctor of (2) person of equivalent position manager responsible for the national EPI and/or the polio eradication programme (3) 50 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health
- REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

SEMINAR ON EMERGENCY/DISASTER MEDICINE

Aug. 30, 2000 - Sep. 17, 2000, 8 participants

救急・大災害医療セミナー

J-00-00427

- PURPOSE** This seminar is designed for senior physicians and/or administrators who are in charge of emergency and disaster medicine in emergency medical facilities and medical administrations in participating countries. Participants are encouraged to discuss the conditions and problems of their countries on emergency/disaster medicine as comparative study, thus contribute to the further development of emergency/medical services system in each country and to the development of international cooperation in the event of a disaster.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on report presentation and discussions by participants, introduction of Japanese experience and basic theories of emergency/disaster medicine. The main themes are: (1) introduction (a) medical care system in Japan (b) history of emergency medical care in Japan (2) visits (observation) (a) emergency medical system in Japan (b) disaster preparedness (c) cooperation of governmental organization and private organization (d) cooperation among hospitals/clinics in EMS (e) education on emergency medicine
- QUALIFICATION OF APPLICANT** (1) A senior doctor, or an administrator engaged in measures for emergency/disaster medicine and taking leadership in emergency medical institution or medical administrative organization
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Senri Critical Medical Center
- REMARKS**

WOMEN IN NUTRITION AND DIET IMPROVEMENT

Oct. 29, 2000 - Jan. 27, 2001, 8 participants

女性指導者のための食物栄養改善

J-00-03299

- 1. PURPOSE** This course is designed for people who work at medical/insurance/health and hygiene institutions, food-providing facilities or educational institutions in developing countries. The purpose of this course is to provide knowledge on dietary habits through lectures on food nutrition and practice of cooking, and thereby to improve lifestyles and living environments, dietary habits.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course; (1) theories on food and culture, food and environment (2) human physiology and biochemistry, food science (3) dietetics (4) food preparation and management of food-providing, food product hygiene and public hygiene, food processing, food storage
- 3. QUALIFICATION OF APPLICANT** (1) engaged in nutritional or hygiene instruction or other work related to diet improvement, with more than three years of experience (2) at least high school graduate or its equivalent, excluding those in position of MSc or Ph.D. (3) female between 25 and 40 years of age (4) not be serving in military
- 4. TRAINING INSTITUTIONS** (1) Obihiro Otani Junior College (2) Kagawa Nutrition University
- 5. REMARKS** A compulsory intensive Japanese course will be conducted prior to the Technical Training for 2 weeks (50 hours).

ASSURANCE OF FOOD SAFETY AND QUALITY CONTROL

Aug. 21, 2000 - Dec. 10, 2000, 6 participants

食品の安全性確保

J-00-03410

- 1. PURPOSE** The course is designed: (1) to acquire inspection techniques, particularly analysis by instrument including knowledge on mycotoxin and main pathogenic microbes centering on such chemical substances as pesticide or food additives from agricultural products to food stuff. (2) to acquire techniques of quality control on ISO and HACCP systems and monitoring in food manufacturing factories. (3) to understand the International Law (WHO) on food hygiene from farm to table.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lectures, practice and field trip. Lectures: (1) Food Contaminant such as residual pesticide (2) Microbiological contamination such as mycotoxin or entero hemorrhagic E.Coli O157. (3) Techniques of quality control Practice: (1) Analysis of residual pesticide and residual by instrument (2) Detection method for mycotoxin, entero hemorrhagic E.Coli O157 Field trip: (1) manufacturing factories adopting HACCP (2) Quarantine station, Plant Protection station, Customhouse
- 3. QUALIFICATION OF APPLICANT** (1) technical specialists or researchers engaged in inspection of export and import food products and also in quality control services in food manufacturing factories. (2) experience of more than two (2) years in the above fields. (3) less than thirty-five (35) years of age (4) university graduates or equivalents (5) preferably experienced in (1) of the PURPOSE
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Center (HIC), JICA (2) Kobe Quarantine Station, Ministry of Health and Welfare (3) Kobe Institute of Health (4) Kobe Center for Quality Control and Consumer Service, Ministry of Agriculture, Forestry and Fisheries
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 8 days.

FOOD MICROBIAL CONTROL

Jan. 8, 2001 - May 20, 2001, 6 participants

食品微生物検査技術

J-00-00361

- 1. PURPOSE** The course is designed to upgrade the technical skills of personnel who are currently engaged in food microbial control.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lecture, practice and field observations. Lectures (1 week): (1) Japanese food sanitation law (2) Microbial control (3) Enteropathogenic bacteria and their toxins (4) Putrefaction and spoilage (5) Fungi (6) Recent trend of regulation for marine and livestock products in Japan Practice (11 weeks): A) Basic techniques (1) preparation of culture medium (2) staining microbes (3) viable count of bacteria (4) count of coliform, lactic acid bacteria B) procedures for the isolation and identification of pathogenic microbes related to food-poisoning (1) E.coli (2) Staphylococcus aureus (3) pathogenic vibrios (V. parahaemolyticus, V. cholerae) (4) Campylobacter (5) Clostridium perfringens (6) Clostridium botulinum (7) Listeria monocytogenes (8) B. cereus (9) fungi (10) aflatoxin. Observation and field trips (3 weeks): governmental or private food inspection organizations, food processing factories (meat, marine food and dairy product) and brewery plants.
- 3. QUALIFICATION OF APPLICANT:** (1) research or technical officer presently engaged in food microbial control (2) University graduates and/or equivalents with occupational experience of more than three years in the field of food microbial control (3) be over twenty-six (26) and under thirty-five (35) years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Kobe Quarantine Station, Ministry of Health and Welfare (3) Kobe Institute of Health (4) Kobe Pharmaceutical University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

FOOD SANITATION ADMINISTRATION (SUB-SAHARAN AFRICAN COUNTRIES)

Jan. 15, 2001 - Mar. 11, 2001, 10 participants

食品保健行政(サブ・サハラアフリカ諸国)

J-00-03292

- 1. PURPOSE** This course is designed to allow the technical officials in charge of food sanitation administration to learn comprehensive knowledge on food sanitation and health promotion measures to be taken consistently in production, processing, distribution and consumption stages, thus to help the developing countries to improve their public health conditions.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of lectures, exercises, and observations aiming at effective technical guidance from the viewpoint of both theory and practice. (1) an introduction to food sanitation (2) an introduction to food science (3) an introduction to food industry (4) dietetics (5) Inspection and Guidance Training
- 3. QUALIFICATION OF APPLICANT** (1) technical officials concerned with administration or projects related to food sanitation or health promotion in a national or local government organization (2) university graduates or equivalent (3) over twenty-five (25) and under forty-five (45) years of age (4) have experience in the field of Food Sanitation Administration for more than three years.
- 4. TRAINING INSTITUTIONS** (1) Hokkaido International Centre, Sapporo (HICS), JICA (2) Health and Welfare Bureau, City of Sapporo
- 5. REMARKS**

NEONATAL SCREENING FOR CONGENITAL HYPOTHYROIDISM AND PHENYKETONURIA

Oct. 30, 2000 - Dec. 24, 2000, 8 participants

新生児マススクリーニング(クレチン症・フェニルケトン尿症) J-00-00678

- PURPOSE** The course is designed to upgrade knowledge and technique of mass-screening in the field of neonatal screening for Congenital Hypothyroidism and Phenylketonuria.
- MAIN FEATURES OF CURRICULUM** (1) General remarks for Neonatal screening (Lecture) (2) Screening method, Diagnosis, treatment and prognosis for Hypothyroidism and Phenylketonuria (Lecture) (3) Screening for Hypothyroidism (Practice) (4) Screening for Phenylketonuria (Practice) (5) Screening for other diseases (Lecture and Practice) (6) Study tour
- QUALIFICATION OF APPLICANT** (1) Pediatrician, Biochemist or Laboratory Technician (2) have more than 3 years of practical experience (3) over 25 and under 45 years of age (4) university graduate or equivalent (5) be planning to organize neonatal screening
- TRAINING INSTITUTIONS** (1) Hokkaido International Centre, Sapporo (HICS), JICA (2) Sapporo City Institute of Public Health
- REMARKS**

COUNTERMEASURE FOR CONVENTIONAL DISEASE

Oct. 2, 2000 - Nov. 6, 2000, 5 participants

生活習慣病対策

J-00-03492

- PURPOSE** The life-style related disease such as circulatory illness, diabetes etc. is regarded as one of the most increasing medical problems arose in both developed and developing world. Organizing method of regular group medical check up system, health education and processing regional health record are indispensable to prevent life-style related disease. The purpose of this course is to provide participants knowledge and practical skills to prevent life-style related disease through lectures, practices and observations.
- MAIN FEATURES OF CURRICULUM** (1) planning and monitoring method on life-style related disease (2) data processing method on life-style related disease (3) regularly group medical check up system (4) health education (5) nutrition, exercise and relaxation as prevention measures
- QUALIFICATION OF APPLICANT** (1) Administrators or researchers engaged in rural health administration or public health (2) more than 3 years of working experience (3) between 30 and 40 years of age (4) university graduated or equivalent
- TRAINING INSTITUTIONS** Aichi Health Plaza
- REMARKS**

EARLY GASTRIC CANCER DETECTION AND RELATED DIGESTIVE TUMORS

Jan. 9, 2001 - Mar. 7, 2001, 14 participants

早期胃癌診断(アジア、中南米、中近東)

J-00-03458

- PURPOSE** The purpose of this course is to introduce participants to the various characteristics of cancers and to the fundamental and the latest knowledge and techniques concerning the detection of early gastric cancer, ulcer, polyp and related digestive tumors. It also aims to enable participants to become competent enough to assume responsible duties after returning to their home countries, to contribute to the early detection of gastric cancer and related digestive tumors and finally, to improve health standards in their respective countries.
- MAIN FEATURES OF CURRICULUM** This course is focused on the introduction of fundamental and latest knowledge in Japan by means of lectures, hospital training on each participant's speciality (either Radiology, Endoscopy, or Histopathology), and case studies (practice reading). The major subjects to be treated in the lectures are; (1) general radiology (general information, X-ray studies, diagnosis of elevated/depressed lesions, radiodiagnosis of minute lesions, screening and epidemiological studies, etc.) (2) endoscopy (general information, gastric biopsy, diagnosis and treatment of esophageal diseases, magnification endoscopy, duodenoscopy, diagnosis of cancer of colon, etc.) (3) histopathology (method of histopathological examination, histogenesis of gastric cancer) (4) chemotherapy (5) echography (6) diagnosis of cancer of liver, pancreas and gallbladder
- QUALIFICATION OF APPLICANT** (1) graduate of a medical college or the medical department of a university, who majored in gastroenterology with more than seven years of practical experience in diagnosing cancer, gastritis, ulcer and polyp of the stomach and its adjacent region in the field of radiology, endoscopy, biopsy or pathology (2) able to give a report on respective fields which may include the applicant's prior scientific presentations, studies abroad, or other pertinent information (3) able to assume such responsible duties as chief instructor, professor or specialist in the aforementioned fields after returning to their respective countries (4) under 45 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Foundation for Detection of Early Gastric Carcinoma
- REMARKS**

TOTAL MEDICAL IMAGING AND RADIATION THERAPY TECHNOLOGY

Jan. 8, 2001 - Mar. 25, 2001, 15 participants

総合医用画像・放射線治療技術

J-00-03464

- PURPOSE** This programme aims to invite those who are presently engaged in medical technology practices, especially in the field of medical imaging information management and radiation therapy, to provide them through lectures, practice drills and observations, with knowledge, technology and skills for practical medical technology.
- MAIN FEATURES OF CURRICULUM** This course consists of basic common training for all participants and group work for which the participants will be divided into the following two groups. Group A: Medical imaging technology (analogue and digital image processing (computed radiology, magnetic resonance imaging, computed tomography, ultrasound, etc.) will be treated). Group B: Medical imaging information management and radiation therapy technology management (archives and communication) of the medical imaging system, introduction to medicine, oncology and acquisition of radiotherapy technology will be treated.
- QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) be radiographer/radiological technologist who is presently engaged in practice of diagnostic radiology, magnetic resonance imaging and ultrasound examinations (Group A) and management of total medical imaging and radiotherapy (3) recommended by the president of the association the applicants belong to and/or the president of the institution at which they work (4) under 40 years of age
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Japan International Medical Technology Foundation (3) related institutes
- REMARKS**

COMMUNITY-BASED CANCER PREVENTION

Feb. 19, 2001 - Apr. 23, 2001, 7 participants

地域がん(癌)予防対策

J-00-03384

1. **PURPOSE** To provide with opportunities to acquire basic knowledge of epidemiology, and the techniques for cancer investigation and research, in order to enhance the cancer prevention activities in participating countries.
2. **MAIN FEATURES OF CURRICULUM** The course consists of lectures, practices and observations. Main topics are (1) introduction of epidemiology (2) introduction of cancer prevention (3) investigation of cancer (measuring method, case control study, cohort study) (4) primary cancer prevention (5) secondary cancer prevention (6) action plan for cancer prevention
3. **QUALIFICATION OF APPLICANT** (1) a doctor or person who is currently engaged in public health service, and also is responsible for the community-based cancer prevention activities (2) never had participated in public health related training course in developed countries (3) under '40' years of age.
4. **TRAINING INSTITUTIONS** (1) Chubu International Centre (CBIC), JICA (2) Aichi Cancer Center Research Institute, Aichi Prefectural Government
5. **REMARKS**

CAPACITY BUILDING OF LOCAL NGOS/NPOS FOR HEALTH DEVELOPMENT

Sep. 4, 2000 - Oct. 29, 2000, 12 participants

地域健康開発のためのNGO/NPOの能力向上

J-00-03390

1. **PURPOSE** The NGO or NPO plays an important role to extend a health service to grass roots level. It is needed to have a special knowledge of a health as well as to organize local citizen. The purpose of this course is to strength NGO or NPO capability in technical and management aspects through understanding systematic framework, networking, human development and cooperation with local people.
2. **MAIN FEATURES OF CURRICULUM** (1) Human Resource Development and Capacity-Building (2) Building Capacity of one's/other organization (3) Technology and Tools for Capacity-Building (4) Strengthening and Expanding the Network of Participating NGO/NPOs
3. **QUALIFICATION OF APPLICANT** (1) belong to the NGO/ NPOs which had participated in the first and second year training course. (2) at least one year experience in developing and implementing training programs and/or in managing human resource development.
4. **TRAINING INSTITUTIONS** (1) Chugoku International Centre (CIC), JICA (2) AMDA
5. **REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one weeks (25 hours)

COMMUNITY HEALTH SERVICES

Mar. 5, 2001 - Jun. 30, 2001, 8 participants

地域保健指導者

J-00-00676

1. **PURPOSE** The purpose of the course is to provide training in practical methodology for health and hygiene diagnosis in communities, improvement of health and hygiene in communities and evaluation of such understandings, with a view of fostering those who are to take leading roles in the implementation of disease prevention and countermeasures, improvement and dissemination of hygiene standard.
2. **MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on the introduction of the Japanese experience on how to plan programmes of the health and hygiene services, how to make the regional health diagnosis, how to improve the health and hygiene services and how to plan the investigation and research work useful for effective execution of the health and hygiene services. The subjects covered in the course are: (1) history and current status of health care in Japan (2) emergency medical care system (3) health statistics (4) nutrition (5) data processing (with personal computer) (6) counter-measures for infectious diseases (7) degenerative diseases (8) counter-measures for diseases (9) population problems, maternal & child health and school health (10) public health activities (11) and others
3. **QUALIFICATION OF APPLICANT** (1) have practical experience of more than three years in health hygiene work (2) between 30 and 40 years of age
4. **TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) St. Mary's Hospital
5. **REMARKS** A compulsory 120 hour Japanese language course will be conducted prior to the technical training.

PREVENTION OF HEALTH HAZARDS DUE TO AGRICULTURAL WORK

Sep. 25, 2000 - Nov. 27, 2000, 8 participants

農作業に伴う健康障害予防対策セミナー

J-00-03460

1. **PURPOSE** The purpose of the training course is to provide participants with information on research and control measures developed in Japan during the last five decades. The course will help participants (1) to assess the technology to be introduced, and (2) to formulate the plans for development of rural health services which are applicable to their respective countries or regions.
2. **MAIN FEATURES OF CURRICULUM** The major subjects covered in this course are (1) Modernization and public health in rural areas (2) importance of health policies and primary health care in rural areas (3) problems on agricultural chemicals (4) health problems in the Modernization process of agriculture and forestry, and (5) health problems in rural areas.
3. **QUALIFICATION OF APPLICANT** (1) Medical doctor or co-medical staff and, at the same time, manager of middle level or above, with more than five years experience in the related fields. (2) Those who are engaged in the work related to the curriculum. (3) Those who are 50 years of age or less.
4. **TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (ACIH)
5. **REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

HOSPITAL MANAGEMENT (WITH SPECIAL REFERENCE TO FINANCIAL CAPACITY BUILDING)

Sep. 18, 2000 - Nov. 28, 2000, 5 participants

病院経営・財務管理

J-00-00677

- 1. PURPOSE** The purpose of the course is to provide participants with the concepts and practical know-how of hospital management. The knowledge obtained through this course will help them to strengthen the financial basis of the hospitals for which they work.
- 2. MAIN FEATURES OF CURRICULUM** The training course consists of four main parts, namely, (1) lectures on hospital management (2) field trips (3) presentation, and (4) financial data management with computers. The following major subjects for hospital management are covered in the course: (1) outline of hospital management (2) outline of financial management (3) book keeping (4) slip system (5) purchase planning (6) cost accounting (7) financial report (8) accounting system (9) financial management with computer, and (10) planning of hospital operation management
- 3. QUALIFICATION OF APPLICANT** (1) university graduate with more than 5 years of professional experience in the field of financial management (2) presently engaged in the field of hospital financial management (3) between 30 years and 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) St. Mary's Hospital
- 5. REMARKS** A compulsory 25-hour Japanese Language course will be conducted prior to the technical training.

COUNTER-MEASURE FOR IMPROVEMENT OF MATERNAL AND CHILD-HEALTH INDICES

May 8, 2000 - Jun. 18, 2000, 8 participants

母子保健指標改善対策

J-00-00519

- 1. PURPOSE** The purpose of this course is to aim to have participants develop the managerial and planning skill toward improvement of mother and child health care services through acquiring knowledge of reducing infant mortality rate (IMR) and maternal mortality rate (MMR) in their own countries by means of (1) identifying the factors of reducing the IMR and MMR in the assigned areas (2) discussing with fellow participants on their observations (3) developing their own solution for the improvement for themselves.
- 2. MAIN FEATURES OF CURRICULUM** The course is designed for the participants to review the policies and execution of work related to the IMR and MMR reducing factors through visiting hospitals, public health centre and policy making office and discussing among participants and/or with their staff. The following basic subjects are covered through lecturers (1) Japan's health policy (2) maternal health (3) child health (4) health staff service. Moreover, the course entitles participants to specially-designed three-day workshops on Integrated Management of Childhood Illness (IMCI) organized by WHO and ACHI
- 3. QUALIFICATION OF APPLICANT** (1) be medical doctor, paramedical or administrative staff of higher position who are responsible for national formation of maternity and child health strategy and its execution, level of high ranking manager or middle level manager (2) be fifty 50 years of age and less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kumamoto Prefectural Center for Health and Preventive Medicine (3) ACHI
- 5. REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

MICROBES DRUG RESISTANCE AND ITS CONTROL

Nov. 13, 2000 - Apr. 8, 2001, 8 participants

薬剤耐性病原体の実験室診断

J-00-00619

- 1. PURPOSE** The purpose of this training course is to provide participants with knowledge and techniques required for the management of laboratory activities, and production, evaluation and quality control of agents and media in their laboratories.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on practical exercise in the laboratory. The subjects covered in the course are: (1) basic lectures (a) host-microbe interaction (b) quality control of biological products, especially of vaccines (c) pathogenic vibrios (d) serological diagnosis of toxic diseases (e) antimicrobial susceptibility testings-principle and practice (f) bacterial toxin (g) quality control of blood products (h) drug distribution system and quality control (i) Mechanism of drug resistance in bacteria (j) recent topics of viral infections (k) recent topics of bacterial infections (l) laboratory biosafety control (m) bacterial toxin and intestinal colonization (n) control of infectious diseases in developing countries (o) bacteriology (2) special lectures (a) surveillance of nosocomial infections (b) epidemiology and control of nosocomial pneumonia (c) nosocomial infection and laboratory (d) nosocomial infection and viral hepatitis (e) antimicrobial agents and MRSA
- 3. QUALIFICATION OF APPLICANT** (1) medical doctor or specialist in pharmacology, agriculture, or biology, and at the same time, managers of middle level or above, in fields related to the course (2) 45 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (3) Kumamoto National Hospital
- 5. REMARKS** A compulsory 45 hour Japanese language course will be conducted prior to the technical training

CLINICAL NURSING

Jul. 27, 2000 - Jan. 28, 2001, 5 participants

臨床看護実務

J-00-00341

- 1. PURPOSE** The purpose of this course is to provide the opportunity for experienced clinical nurses for the improvement of skills and the enhancement of knowledge through exposure to the theory and practice of nursing care of Japan in an effort to develop clinical nurses of high caliber with leadership quality who would serve to improve the standard of clinical nursing in participating countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all the participants and Subcourse subjects. The Subcourses to be chosen are: (1) emergency nursing/surgical nursing (2) maternal and child nursing (3) internal medicine nursing
- 3. QUALIFICATION OF APPLICANT** (1) certified staff nurse with more than five years of nursing experience (head nurse and chief nurse are not applicable) (2) under 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Chubu Hospital
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two months (220 hours).

CLINICAL LABORATORY TECHNOLOGY

Nov. 7, 2000 - Feb. 9, 2001, 15 participants

臨床検査技術

J-00-00675

- PURPOSE** This programme aims to invite those who are presently engaged in medical technology practices, especially in the field of clinical laboratory to provide them through lectures, practice drills and observations, with knowledge, technology skills for practical medical technology.
- MAIN FEATURES OF CURRICULUM** This course consists of basic common training for all participants and group work for which the participants will be divided into the following two groups. Group A: bacteria and parasite testing technology as a countermeasure against diarrhea caused by intestinal bacteria and parasite (Salmonella, Shigella, Yersinia, Vibrio Aeromonas, Plesimonas, Campylobacter, Clostridium, S. aureus, B. cereus, ETEC will be treated) Group B: clinical immunological technology (fundamentals and practical applications of clinical immunology).
- QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) presently engaged in practices of clinical laboratory (NOTE: not be medical doctors, nurses or researchers) (3) recommended by the President of the Association the applicants belong to and/or the President of the institution at which they work (4) under 45 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan International Medical Technology Foundation
- REMARKS** The participants of this course are requested to attend the evening course of Japanese language.

SEMINAR ON EPIDEMIOLOGY AND CONTROL OF AIDS/ATL DISEASES

Aug. 7, 2000 - Sep. 4, 2000, 8 participants

AIDS/ATL対策セミナー

J-00-03371

- PURPOSE** Through the lectures and practices of AIDS/ATL epidemiology, surveillance, laboratory diagnosis, as well as sociological approach, this course is designed to provide the skills on how to construct measures for prevention from the infectious diseases, how to innovate the method of treatment. After their return to home countries, the participants will dedicate themselves to the development of AIDS/ATL research, adapting the acquired knowledge to their own situation.
- MAIN FEATURES OF CURRICULUM** Considering various medical situations in developing countries, global AIDS strategy is studied by technology transfer through lectures, group discussions and practices on, AIDS epidemiology, preventive measures, diagnosis/treatment skills, and surveillance, as well as visits to laboratories and research institutions.
- QUALIFICATION OF APPLICANT** (1) middle level administrator or higher rank officials involved in AIDS/ATL-related services, or epidemiologist or clinical specialist with more than 10 years of working experiences. All applicants are required of their MD registered license (2) age under 46 years at time of application (3) good health in both physical and mental terms should be proven in documents. pregnant women will be rejected or returned to her home country when and if her pregnancy is identified (4) any form of involvement in military services will be a disqualifying condition for this course.
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health
- REMARKS**

SEMINAR ON INFECTIONS HEPATITIS, ITS EPIDEMIOLOGY AND CONTROL

Aug. 28, 2000 - Sep. 25, 2000, 8 participants

ウイルス肝炎対策セミナー

J-00-03370

- PURPOSE** Through learning the latest information on various virus hepatitis, this course is designed to provide the participants with the skills on how to establish the strategic policy in local and international level for diagnosis, treatment, and prevention of horizontal/maternal infection, how to execute preventive measures, and how to promote health education in each endemic country. Completing this course, the participants will dedicate themselves to the preventive measures against hepatitis in each country, by utilizing the knowledge they acquired in this course, such as, virology, epidemiology, diagnosis, treatment and national policy making.
- MAIN FEATURES OF CURRICULUM** This course comprises three components; lectures, laboratory practice and observation tour. Lectures are held at Kumamoto National Hospital to cover virology, epidemiology, traces of hepatitis, hepatitis and its clinical treatment, blood safety assessment, vaccine production, pathology and surveillance measures. Laboratory practice is mainly designated to provide knowledge of and experience in detection, identification and differentiation of antigens through microbiological diagnosis. Observation tour will be extended to National Institute of Infectious Diseases, International Medical Center of Japan and National Nagasaki Central Hospital. NIID is a research institution entrusted with research and laboratory service of referred hepatitis-infected cases. IMCJ is also another national institute and its medical ward covers a number of hepatitis-infected patients' treatment. National Nagasaki Central Hospital in a sole hospital specialising in liver diseases.
- QUALIFICATION OF APPLICANT** (1) public administrator or epidemiologist or clinical researcher with MD registered license (2) sufficient command of English both in speaking and writing is imperative (3) age under 46 years at time of application (4) good health in both physical and mental terms should be proven in official documents (5) any form of involvement in military services will be a disqualifying condition
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kumamoto National Hospital (3) Agency for Cooperation in International Health
- REMARKS**

VIROLOGICAL DIAGNOSIS TECHNIQUES OF HIV INFECTION (AIDS)

Jan. 8, 2001 - Feb. 25, 2001, 8 participants

エイズのウイルス感染診断検査技術(西太平洋・南東アジア・アフリカ) J-00-03360

- PURPOSE** The purpose of the course is to train those who are capable of precisely diagnosing HIV infection virologically in the laboratory.
- MAIN FEATURES OF CURRICULUM** This course mainly covers the following themes; (1) surveillance of HIV infections (2) introduction to sophisticated technology of virus diagnosis (3) evaluation method of examination kit (4) examination method of pathogens relevant to opportunistic infections
- QUALIFICATION OF APPLICANT** (1) graduates of School of Medical Technology or School of Pharmacology or School of Medical or have equivalent educational background (2) have more than 2 years of experience in laboratory diagnosis of infectious diseases (viral diseases or bacterial disease)
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) National Institute of Infectious Diseases
- REMARKS**

PRACTICE COURSE OF UP TO DATE CANCER TREATMENT

Aug. 15, 2000 - Oct. 22, 2000, 8 participants

がん治療普及対策

J-00-00670

- 1. PURPOSE** The purpose of this training course is to provide the participants with an opportunity to acquire the latest knowledge and technique of cancer diagnosis and treatment established in Japan.
- 2. MAIN FEATURES OF CURRICULUM** This training course mainly consists of two parts, i.e., lecture session which all the participants are expected to attend, and individual programme to be conducted in accordance with the participants' respective specialities. Through the training programme, the participants are expected to create a better understanding on various aspects of cancer diagnosis and treatment, and acquire the latest knowledge and technique in their respective field
- 3. QUALIFICATION OF APPLICANT** (1) licensed physician authorized by their governments and specialized in cancer diagnosis and its treatment (2) strictly less than 35 years of age and have clinical experience of more than three years in cancer diagnosis and its treatment
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Cancer Center (NCC)
- 5. REMARKS**

LEPROSY RESEARCH

Apr. 3, 2000 - Dec. 17, 2000, 5 participants

ハンセン病予防医学研究

J-00-03318

- 1. PURPOSE** The purpose of the course is to enable participants to pursue further theoretical and experimental studies on leprosy. They will learn up-to-date knowledge and technology indispensable to leprosy control through assigned laboratory research work. The acquired knowledge, technology, and the cultivated research mind will be useful not only for leprosy control but will also contribute to the development of biomedical sciences in participating countries.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on laboratory research work. Each participant is to take one of the following subjects for his/her specific study. (1) serology and seroepidemiology of leprosy and *Mycobacterium leprae* infection (2) development of histopathological techniques for early diagnosis of leprosy (3) kinetics of *Mycobacterium leprae* with PCR (Polymerase Chain Reaction) (4) cell-mediated immunity of leprosy (5) development of antileprosy chemotherapeutics using nude mice.
- 3. QUALIFICATION OF APPLICANT** (1) a medical doctor or a graduate from a faculty of science, pharmacy, medical technology or equivalent (2) presently engaged in research or clinical work on leprosy in an organization (3) less than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Leprosy Research Center (LRC), National Institute of Infectious Disease (NIID)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted for 6 weeks.

VIROLOGICAL DIAGNOSIS TECHNIQUE FOR POLIO ERADICATION PROGRAMME

Feb. 19, 2001 - Mar. 18, 2001, 4 participants

ポリオ根絶計画ウイルス検査技術

J-00-03317

- 1. PURPOSE** The purpose of this training course is to provide the participants with; (1) standard technique of cell culture (2) standard technique of isolation and typing of poliovirus (3) introduction to molecular epidemiology of poliomyelitis, and (4) information on the outline of polio vaccine control.
- 2. MAIN FEATURES OF CURRICULUM** In this course the emphasis is put on lectures and laboratory experiments. The main themes are: (1) lecture (a) global eradication of poliomyelitis (b) maintenance and quality control of cell cultures (c) laboratory biosafety etc. (2) practical training (a) preparation of media and cell cultures (b) identification of polioviruses (c) determination of neutralizing antibodies to polioviruses (d) detection of viral antigen and antibody by ELISA (e) amplification of virus genome by PCR etc.
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in laboratory diagnosis of polioviruses at national or provincial organization and expected to work in the same field in the future
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) National Institute of Infectious Diseases (Murayama Annex)
- 5. REMARKS**

NURSING MANAGEMENT

May 9, 2000 - Aug. 6, 2000, 6 participants

看護管理

J-00-00255

- 1. PURPOSE** The purpose of the course is to give promising nurses an opportunity to be well-equipped administrators who will be able to upgrade the quality of nursing services in their respective countries through the study of theory and observation on nursing management.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course; (1) health and medical situation in Japan (2) principles of management/administration (3) hospital management/administration (4) nursing management/administration
- 3. QUALIFICATION OF APPLICANT** (1) be desired to have completed the below-mentioned three training courses and have not less than three years experience after the course; (a) Group training course in "Clinical Specialized Nursing" by Okinawa International Centre, JICA (b) Group training course in "Specialized Nursing" by Tokyo International Centre, JICA (c) Advanced Nursing Study Course for Southeast Asian Nurses by the Ministry of Health and Welfare (entrusted its operation to International Nursing Foundation of Japan) (2) be a head nurse or in a supervising position having the one-five years of experience
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
- 5. REMARKS** The course is conducted every other year in principle. This year (in Japanese Fiscal Year 2000), it will be conducted.

SPECIALIZED NURSING

no executed in FY 2000

専門看護

- 1. PURPOSE** The purpose of this training course is to enhance participants' competency on selected fields through lectures and practices so as to contribute to improving nursing services and its standard of respective countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants and individual practical study in the hospital in accordance with the speciality of each participant. Through the training programme, participants are expected to be able to: (1) comprehend and state the causes, symptoms, pathophysiology of diseases and its treatment and nursing care, (2) pursue comprehensive patient's management in skillful manners, (3) understand and manipulate specific medical equipment and instruments, (4) state significance, process and nursing intervention of related clinical examinations, (5) understand psychosocial aspects of patients and their families, and (6) understand expanded roles of nurses in the community.
- 3. QUALIFICATION OF APPLICANT** (1) have completed a fundamental nursing education programme of three years or more (2) have more than five years of experience in nursing and more than one year of experience in caring critically ill patients (3) under 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted for two months prior to the technical training.

TUBERCULOSIS CONTROL LABORATORY MANAGEMENT

Aug. 21, 2000 - Dec. 10, 2000, 5 participants

結核対策細菌検査マネージメント

J-00-00642

- 1. PURPOSE** The purpose of the course is to educate the leaders of laboratory works on training methods and to promote nationwide tuberculosis control programmes in participating countries.
- 2. MAIN FEATURES OF CURRICULUM** In this training course, the emphasis is placed on the management and evaluation of TB laboratory system, importance of bacteriological examination such as case-finding in tuberculosis control programmes, how to examine staining method of mycobacteria, the way to isolate culture from specimens of tuberculosis patients, the sensitivity test for anti-tuberculosis drugs, the identification of mycobacterium tuberculosis from other mycobacteria, etc.
- 3. QUALIFICATION OF APPLICANT** (1) a senior technician or a medical doctor responsible for the management of laboratory works in TB control programme in the region/country and the training of health personnel in laboratory works for tuberculosis control (2) not more than 50 and not less than 26 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training (75 hours). Those whose tuberculin test is negative are advised to get BCG vaccination before departure from their countries.

SEMINAR ON HEALTH SYSTEMS MANAGEMENT

May 9, 2000 - Jul. 16, 2000, 10 participants

公衆衛生行政管理

J-00-00641

- 1. PURPOSE** The seminar aims to improve the administrative management ability of those who are engaged in public health at developing countries. The seminar has been revised and amended from the course in "Seminar on Human Resources Development in Public Health" of the fiscal year 1998 to "Seminar on Health Systems Management" of the fiscal year 1999. Through the seminar, participants are expected: (1) to understand some methodologies of administration/management of public health, (2) to become able to make a rational plan on the basis of the above methodologies, (3) to gain the ability of running efficient and effective administration, (4) to have the capacity for leadership.
- 2. MAIN FEATURES OF CURRICULUM** (1) Outline of Public Health Administration (a) Public Health and Welfare Administration in Japan, (b) Health Sector Reform, (c) Outline of Administration and Management, (d) Case Method, (e) Personal Computer; (2) Leadership (a) Leadership; (3) Policy Planning (a) Policy and Planning of Health Medicine, (b) Preced-Proceed Model, (c) PCM (Project Cycle Management) Exercise, (d) Case Study, (e) Field Study; (4) Evaluation for Execution (a) Evaluation & Monitoring, (b) Case Study, (c) Field Study; (5) Management of Resources (a) Management of Resources, (b) Comprehensive Management of Resources, (c) Case Study, (d) Field Study, (6) Field Study, (7) Action Plan, (8) Orientation and Evaluation
- 3. QUALIFICATION OF APPLICANT** (1) be nominated by their government, (2) be technical experts who are in charge of public health administration; as the middle level managers of Provincial Health Offices and of Central Ministry, (3) be engaged in the field of public health and working at educational institutions, private sectors or NGO, etc., (4) not be less than 35 years of age, (5) have a sufficient English proficiency, (6) be in good health, both physically and mentally, to undergo the training. As training over a long period may pose risks to pregnant women, pregnancy is regarded as a disqualifying condition for participation in this training course.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Institute of Public Health, Ministry of Health and Welfare
- 5. REMARKS** Materials needed for Action Plan: (1) Country Report (2) Relevant information and documents (3) Annual Report and Health Statistics

NATIONAL TUBERCULOSIS PROGRAMME MANAGEMENT

Jan. 8, 2001 - Feb. 25, 2001, 9 participants

国家結核プログラム管理

J-00-03282

- 1. PURPOSE** The purpose of this course is to enhance the ability of the participants to manage a national tuberculosis programme and to evaluate the programme through lectures, discussions and observation tours, and also by exchange of experiences and views with the participants from other countries, to contribute to the strengthening of the programmes of the countries concerned.
- 2. MAIN FEATURES OF CURRICULUM** Methods of training consists of lectures, workshop and field observations. Subjects are (1) Epidemiological analysis of TB problems (2) Social aspect of TB programme (3) Integration of TB programme into PHC system (4) Operational problem of TB programme (5) Preparation of Action plan
- 3. QUALIFICATION OF APPLICANT** (1) a medical officer who is in charge of a tuberculosis control programme at national level (2) not more than 55 and not less than 35 years of age (3) fluent in communication in English
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association
- 5. REMARKS** The participants should bring the report on the current information of their own countries regarding the health status and tuberculosis activities, manual of national tuberculosis control programme, recording form of tuberculosis patients, etc.

SEMINAR ON PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS - A STEP TOWARDS PRIMARY HEALTH CARE -

Jan. 23, 2001 - Feb. 18, 2001, 10 participants

国際寄生虫予防指導者セミナー

J-00-00621

- 1. PURPOSE** The purpose of this seminar is to provide the participants with an opportunity (1) to create a better understanding on tripartite activities in Japan for parasite control conducted by administrative authorities of the government, medical experts and citizens' community, (2) to broaden knowledge on Japanese method or technique and its effectiveness of parasite control programme which is considered as a step to integrated primary health care programme, and (3) to contribute to promoting public appreciation of parasite control programme and their voluntary participation in it in respective countries of the participants.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the seminar. (1) parasite control program and public health activities in Japan (a) relations between central prefectural and municipal governments/authorities (b) medical experts (c) community/voluntary institutions (2) parasitology (a) soil-transmitted helminths such as ascaris and hookworm (b) examination methods and techniques (c) deworming and treatment (d) training of medical personnels and volunteers (3) integrated parasite control program and community/family health activities
- 3. QUALIFICATION OF APPLICANT** (1) senior-level administrator or expert from government or private sector in charge of parasite control at national or local level (2) have medical or other related profession (3) under 55 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan Association of Parasite Control
- 5. REMARKS**

CARDIOVASCULAR DISEASES

Aug. 14, 2000 - Nov. 30, 2000, 7 participants

循環器病対策

J-00-00273

- 1. PURPOSE** The purpose of this course is to help the specialists to improve their ability in the fields of cardiovascular and related diseases through discussions, observations and practices of laboratory examinations.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of individual and specialized training in a given department of the National Cardiovascular Center. Each participant is to choose one of the following departments. (1) department of medicine: cardiac division (2) department of medicine: cerebrovascular division (3) department of medicine: division of hypertension, renal division (4) department of medicine: division of arteriosclerosis and metabolism (5) department of cardiovascular surgery (6) department of cerebrovascular surgery (7) department of anesthesiology (8) department of pediatric cardiology (9) department of radiology (10) department of preventive medicine (11) department of pathology (12) department of perinatology
- 3. QUALIFICATION OF APPLICANT** (1) licenced physician and surgeon authorized by their government (2) occupational experience of at least two years in diagnosis and treatment of cardiovascular diseases (for the applicants who wish to specialize in perinatology, the required duration of occupational experience is minimized; experience of less than two years is enough for application), (3) under 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) National Cardiovascular Centre (NCVC)
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two week.

SEM. FOR SENIOR OFFICERS IN MENTAL HEALTH CARE

Jan. 8, 2001 - Feb. 4, 2001, 6 participants

精神医療指導者研修(東南アジア)

J-00-03359

- 1. PURPOSE** This seminar is designed to provide participants with an opportunity to have a comprehensive understanding of Japanese mental health services and to help psychiatrists of the participating countries define appropriate psychiatric models for their own countries.
- 2. MAIN FEATURES OF CURRICULUM** This seminar puts an emphasis on discussion, presenting experience of Japan for a case study. The main themes are: (1) legislation, including the mental health law, the medical law and other laws relevant to psychiatry (2) mental health service system and the health insurance system (3) present situation of comprehensive community mental health services (4) alcohol dependency programmes
- 3. QUALIFICATION OF APPLICANT** (1) psychiatrists directly involved in mental health and in a position to lead the mental health services of their countries (2) able to freely exchange knowledge and opinions with others, and intend to remain in the field of mental health
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Japanese Association of Psychiatric Hospitals (JAPH)
- 5. REMARKS**

MANAGING TUBERCULOSIS AT INTERMEDIATE-LEVEL

May 1, 2000 - Aug. 13, 2000, 16 participants

中間レベル結核管理

J-00-00638

- 1. PURPOSE** The purpose of the course is to give training to key organizers of the national tuberculosis programme in the modern methods of tuberculosis control, in order to prepare them for developing or promoting the programme in a rational, realistic and efficient manner under their own country's socio-economic conditions.
- 2. MAIN FEATURES OF CURRICULUM** The methods are lectures with discussion, practical training, workshop and field observation. Subjects are (1) Basics of TB: Epidemiology, Immunology, Bacteriology, Statistics, HIV/TB, Management, Socioeconomic aspects, Health education (2) Epidemiological Analysis (3) National TB program: Control program, Essential components, Research activity, WHO module (4) Preparation of Action plan.
- 3. QUALIFICATION OF APPLICANT** (1) a medical officer who is engaged in the national tuberculosis control programme, preferably having, or going to have, a leading role in the programme, excluding those who are engaged in clinical work (2) not more than 45 and not less than 30 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Research Institute of Tuberculosis (RIT), Japan Anti-Tuberculosis Association
- 5. REMARKS** The participants will be required to take examinations for the qualification of Diploma of Tuberculosis Control and Epidemiology from the Research Institute of Tuberculosis when the training is completed. The participants should bring updated information on the health status and tuberculosis activities, manual of tuberculosis control programme, recording form of tuberculosis patients, etc. of their countries.

HOSPITAL ADMINISTRATION AND HEALTH SERVICES MANAGEMENT

Jan. 23, 2001 - Mar. 3, 2001, 7 participants

病院管理技術とヘルスサービスマネジメント

J-00-00694

- 1. PURPOSE** The purpose of this course is to introduce participants to the latest knowledge and technology in the field of health services management, laying emphasis on hospital administration, through lectures, group discussions, field visits and individual studies.
- 2. MAIN FEATURES OF CURRICULUM** The following subjects will be covered in the course. (1) district/regional health facilities (a) role (b) planning (2) application of appropriate technology (3) health services (a) system (b) resource management (c) planning and evaluation (4) hospital management (5) hospital visits
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in hospital administration at the top management level (e.g. director or deputy director of hospital) or government officers responsible for district health care or hospital administration (2) university graduates or equivalent (3) between 35 and 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Institute of Health Services Management
- 5. REMARKS**

HOSPITAL PHARMACY

Oct. 10, 2000 - Dec. 8, 2000, 10 participants

病院薬学

J-00-00618

- 1. PURPOSE** This programme is designed for those who are presently engaged in hospital pharmacy and provides knowledge, technology and skills for practical hospital pharmacy through lectures, practice drills and observations.
- 2. MAIN FEATURES OF CURRICULUM** participants are expected to acquire knowledge and techniques such as the following, which are essential for hospital pharmacy in Japan: dispensing, pharmaceutical preparation, drug testing, drug control, clinical pharmacy, drug information and drug supply.
- 3. QUALIFICATION OF APPLICANT** (1) have experience of more than five years in their profession (2) presently engaged in practices of hospital pharmacy (3) recommended by the President of the association the applicants belong to and/or the President of the institution at which they work (4) under 45 years of age (5) be pharmacists (not be doctors, nurses or researchers).
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan International Medical Technology Foundation
- 5. REMARKS**

SEMINAR ON NATIONAL HEALTH DEVELOPMENT FOR SENIOR OFFICER

May 15, 2000 - Jun. 18, 2000, 14 participants

保健衛生指導者セミナー

J-00-03353

- 1. PURPOSE** This seminar is designed to introduce Japan's overall hygiene administration in the past and to contribute to the progress of health medical practice administration of the participating countries by focusing on current issues and through the exchange of opinions.
- 2. MAIN FEATURES OF CURRICULUM** Most part of the program is allocated to discussions on the following themes; (1) health policy and planning (2) social security system (3) health resources development and management (4) community health (5) infectious diseases control (6) environmental health and hygiene (7) maternal and child health (8) occupational health (9) school health
- 3. QUALIFICATION OF APPLICANT** (1) medically qualified senior administrators of the national government in charge of health administration, or the equivalents in public institutions (2) be in a position to participate in planning and deciding the national health administration policy
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) International Medical Foundation of Japan (IMFJ)
- 5. REMARKS**

MATERNAL AND CHILD HEALTH NURSING (LAOS, VIETNAM, CAMBODIA)

Jan. 8, 2001 - Mar. 4, 2001, 9 participants

母子保健看護(インドシナ諸国)

J-00-03306

- 1. PURPOSE** The purpose of this course is to provide the participants with basic knowledge and clinical technique focusing on "Re-Education" related to maternal and child health nursing and thereby to contribute to train prospective nurses or midwives in the hospitals in their respective countries with the acquired techniques.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in this course: (1) observation and practice of neonatal care and maternity care in hospitals (2) observation and practice in district-based maternal and child healthcare (3) observation and practice in midwifery
- 3. QUALIFICATION OF APPLICANT** (1) qualified nurses or midwives with at least seven years' experience in the field of maternal and child healthcare (2) head nurse or occupy similar supervisory position in the obstetrics department of a hospital (3) under 45 years of age (4) have a reasonable command of English
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Department of Nursing, School of Allied Health Science, Faculty of Medicine, Osaka University (3) International Nursing Foundation of Japan
- 5. REMARKS**

DRUG ABUSE PREVENTION ACTIVITIES (ASIAN REGION IN COLLABORATION WITH U.S. GOVERNMENT)

Oct. 9, 2000 - Nov. 12, 2000, 8 participants

薬物乱用防止啓発活動(日米協力)

J-00-03470

- 1. PURPOSE** The purpose of this course is to contribute to improvement of measures against drug abuse in the Asian region by introducing to the participants the recent development of drug abuse prevention activities in Japan.
- 2. MAIN FEATURES OF CURRICULUM** This course includes the following topics (1) lectures (a) outline of drug abuse prevention activities in Japan (b) collaboration between government administration and NGOs (c) training of personnel engaged in the activities (d) medical and sociological study on drug abuse (e) international cooperation (2) observation (a) facilities for drug dependents (b) prevention activities in local autonomies (3) comparative study (group discussion)
- 3. QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) official of central or local government engaged in the said field or leader of NGOs (3) working experience of more than 3 years (4) between 30 and 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Pharmaceutical and Medical Safety Bureau, Ministry of Health and Welfare (3) Drug Abuse Prevention Center
- 5. REMARKS**

INFECTIOUS DISEASE MEDICINE

Jan. 9, 2001 - Mar. 25, 2001, 5 participants

臨床感染症学研修

J-00-00423

- 1. PURPOSE** The purpose of this course is to share the Japan's experience in the control and management of infectious diseases with participants from developing countries. The course will also give the participants new knowledge on recent problems in the field, such as nosocomial/opportunistic infections and emerging infectious diseases.
- 2. MAIN FEATURES OF CURRICULUM** This course will be conducted in the form of individual training, lectures and visit to other facilities. The participants will have an individual programme at an appropriate division in accordance with their respective specialities for a certain period. Through the training programme, the participants are expected to: (1) understand basic strategies against infectious diseases (2) advance knowledge on infectious diseases (3) be able to diagnose infectious disease correctly (4) be able to examine patients with infectious diseases adequately (5) be able to treat patients with infectious diseases appropriately (6) be able to perform disinfection and aseptic techniques (7) be able to apply the knowledge to medical practice after returning to their respective countries
- 3. QUALIFICATION OF APPLICANT** (1) licensed physician authorized by his/her government, and have a clinical experience of more than five years (2) between 29 and 34 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Medical Center of Japan
- 5. REMARKS**

ADVANCED MEDICAL RADIOLOGICAL TECHNOLOGY

Aug. 30, 2000 - Dec. 29, 2000, 7 participants

医療放射線技術指導者

J-00-00511

- 1. PURPOSE** This course is set as an Advanced Course for "Medical Radiological Technology" (1973-1993). In view of present situation of medical radiological technology, the purpose of this course is to advance the radiological technology in developing nations. The program is designed to provide broad and practical knowledge on radiological technology and educational method for the leaders who can contribute to the implementation of the radiological technology.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of quality control, effective operation and maintenance of radiological equipment, educational method for new technology, and research for appropriate technology etc. (1) fundamental theories of radiological technology for 1 month (2) practical training at hospital for 3 months (3) discussions and case studies on appropriate technology for each country for 1 month
- 3. QUALIFICATION OF APPLICANT** The course is offered to those who take leadership in the field of radiological technology (chief technologist, chief medical physicist, director of technological school, etc. or those who are expected to be leaders in the future (Deputy chief technologist, Senior technologist or the equivalent, medical physicist, instructor of school for technologist, etc.), and also applicants should be: (1) university/college graduate or equivalent (2) radiological technologist or medical physicist having diagnostic experiences of more than five years, or instructor having experiences of teaching at school for radiological technologist (3) under 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) The School of Allied Health Sciences (Faculty of Medicine), Osaka University (3) Osaka University Hospital
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two week.

COMPREHENSIVE HEALTH AND MEDICAL CARE IN DISASTER

Sep. 4, 2000 - Oct. 29, 2000, 6 participants

災害総合保健医療

J-00-03435

- 1. PURPOSE** The course is designed to transfer knowledge and technologies to professionals from developing countries for mitigating catastrophic damage to human being as well as for upgrading health and medical care of quake victims based on experiences and lessons gained from Great Hanshin-Awaji Earthquake
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of comprehensive knowledge on the following subjects through lectures, practices and field trip. Lectures: (1) Overall process of the Great Hanshin-Awaji Earthquake (2) Disaster Epidemiology (3) Emergency Medical Care (4) Disaster Forensic Medicine (5) Crush syndrome (6) Medical information network (7) Stress and its effect on digestive organs and circulatory organs (8) Psychological care (9) Volunteers activities (10) Problems on children and elderly people PRACTICES: Kobe Univ. School of Medicine, Hyogo Prefectural Government, Kobe City Municipality etc. OBSERVATIONS and FIELD TRIPS: National Disaster Medical Center, Secretariat of Japan Disaster Relief Team (JICA)/JICA Medical Cooperation Department etc.
- 3. QUALIFICATION OF APPLICANT** (1) technical specialists or researchers (medical doctors, nurses, administrators, researchers engaged in the relevant fields of prevention, management, health and medical care in disaster) (2) experience of more than five (5) years as technical specialist or researcher in the fields of disaster prevention, management and care (3) more than 26 years and less than 45 years of age (4) university graduates or equivalents
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) School of Medicine, Kobe University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training about 40 hours.

CLINICAL DENTISTRY

Apr. 10, 2000 - Aug. 11, 2000, 11 participants

歯学

J-00-00426

- 1. PURPOSE** The purpose of the course is to provide participants with the knowledge and skills of modern dentistry from fundamental to advanced level. Based on knowledge obtained through the course, participants are expected to be able to organize and conduct various activities such as examination of patients, education and administration of the dental health in order to promote the dental health systems from the viewpoint of long and short-term period service
- 2. MAIN FEATURES OF CURRICULUM** In this course, participants will acquire the theory and practical skills through the model-oriented exercise. Also extensive knowledge on the advanced theory and technology of modern dentistry will be introduced. It mainly covers: (1) advancement in basic dentistry (2) dental care delivery system and dental public health service in Japan (3) dental care for children and adolescents (4) dental caries (5) periodontal disease (6) crown bridge and denture (7) arthrosis (8) oral cancer (9) dentistry for special patient (10) dental materials and clinical practices in the up-to-date dental medicine
- 3. QUALIFICATION OF APPLICANT** (1) dentist with more than three years' professional or academic experience at academic institution, health administration or in practice (2) presently engaged or expected to be working on their return in this line (3) 40 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Faculty of Dentistry, Kyushu University
- 5. REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

RESEARCH FOR TROPICAL MEDICINE

Jan. 8, 2001 - Dec. 17, 2001, 9 participants

熱帯医学研究

J-00-00324

- 1. PURPOSE** The purpose of this course is to invite junior or senior scientists to Japan and give them the specialized research training in the area of tropical medicine.
- 2. MAIN FEATURES OF CURRICULUM** The institute of Tropical Medicine, Nagasaki University offers some research subjects in collaboration with ten (10) departments; (1) pathology (2) environmental physiology (3) parasitology (4) virology (5) bacteriology (6) protozoology (7) medical entomology (8) biochemistry (9) internal medicine (10) social entomology Although the course consists of those lectures, the basic research through experimental works is provided to the participants.
- 3. QUALIFICATION OF APPLICANT** (1) presently employed either at the Ministry of Health or medical research laboratory (2) medical doctor or graduate from a faculty of biology, pharmacy or agriculture or have at least three years of occupational experience in medical field (3) not less than 24 and not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Institute of Tropical Medicine, Nagasaki University
- 5. REMARKS** A compulsory 90-hour Japanese language course will be conducted during the technical training period.

HISTOPATHOLOGICAL DIAGNOSIS OF EARLY GASTRIC AND COLORECTAL CARCINOMAS

Aug. 22, 2000 - Oct. 29, 2000, 7 participants

早期胃・大腸癌の病理組織診断

J-00-03324

- 1. PURPOSE** The purpose of the course is to introduce participants to recent concepts and techniques in gastroenterology, especially gastrointestinal pathology, so that they will gain broader perspectives and clues for their future research as well as diagnosis techniques.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of common curriculum for all participants and specific practical training for each participant, to cover the following themes respectively. (1) recent gastrointestinal pathology in Japan (common curriculum mainly made up of lectures, seminars, microscopic examinations and conferences at university) (2) histological diagnosis of surgical specimens (practical training at designated hospital)
- 3. QUALIFICATION OF APPLICANT** (1) established pathologist (2) university medical school graduate or equivalent
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Research and Statistics Department, Minister's Secretariat, Ministry of International Trade and Industry
- 5. REMARKS**

CLINICAL COURSE IN UROLOGY

Nov. 8, 2000 - Dec. 3, 2000, 5 participants

泌尿器科臨床研修

J-00-03381

- 1. PURPOSE** This course provides participants a glimpse of the art urology including minimum invasive surgery along with classical urology, hemodialysis and renal transplantation. This is only an introduction, however, this experience may hopefully provide participants to learn to know how to get access to more detail in urology and to promote mutual exchange of ideas in urology.
- 2. MAIN FEATURES OF CURRICULUM** We welcome you to see updated clinical urology in Japan. You can attend clinical conference, make a round to see inpatients with our staff, and see outpatient clinic, hemodialysis and surgery. (1) Urological Examination: (a) Endoscopic examination (b) Urodynamic study (c) Ultrasonography (2) Surgery: (a) Minimally invasive surgery (b) Open Surgery
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in or eager to be specialized in Urology (2) licensed medical doctor authorized by their government (3) have a clinical experience with more than 3 years (4) not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Faculty of Medicine, University of the Ryukyus
- 5. REMARKS**

OCCUPATIONAL HEALTH

Aug. 7, 2000 - Dec. 7, 2000, 10 participants

産業医学

J-00-00305

1. **PURPOSE** The purpose of the course is to provide participants with basic concepts and fundamental knowledge of occupational health. The knowledge obtained through the course will enable them to organize and conduct research planning, management and administration in order to prevent occupational diseases and to improve health conditions of workers in their respective countries.
2. **MAIN FEATURES OF CURRICULUM** The training course consists of five main parts, that is (1) lectures on occupational health (2) field trips (3) elective seminar (4) presentation (5) course on biostatistics and data management with computer. The following major subjects for occupational health are covered in the course: (1) general principle of occupational and environmental health (2) occupational epidemiology and biostatistics (3) occupational health in agriculture (4) occupational diseases (5) occupational disorders due to physical factors (6) occupational toxicology (7) work physiology and psychology (8) ergonomics and management (9) evaluation of work environment (10) control of work environment (11) occupational safety and health administration & law (12) occupational health service
3. **QUALIFICATION OF APPLICANT** (1) medical doctor in principle (university graduate with more than three years of professional or academic experience in the field of occupational health would be approved) (2) presently engaged or expected to be in the field of occupational health (3) 40 years of age or less
4. **TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) University of Occupational and Environmental Health, Japan (3) Rosai Hospital for Silicosis, Labor Welfare Projects Corporation
5. **REMARKS** A compulsory 25 hour Japanese language course will be conducted prior to the technical training.

SEMINAR ON FAMILY PLANNING ADMINISTRATION FOR SENIOR OFFICERS II

Sep. 5, 2000 - Oct. 1, 2000, 14 participants

家族計画指導者セミナー II ～政府とNGOの連携強化～ J-00-00137

1. **PURPOSE** The aims of the seminar are mutual exchange of information, experience and ideas on reproductive health (RH)/family planning (FP) among participating countries for better administration of the programme using Japanese experience in family planning, maternal and child health care (MCH) after World War II as case studies, and country presentations which is to be made by each participant.
2. **MAIN FEATURES OF CURRICULUM** This seminar covers the following, (1) general outline of population/RH/FP in Japan (2) coordination and collaboration between government and NGO (3) exchange of information on situations and experiences in participating countries by presentation of Country Reports (4) adolescent health and RH
3. **QUALIFICATION OF APPLICANT** (1) high-ranking official/manager in administration, planning and implementation of the RH/FP programmes by governmental/non governmental organization (NGO) for family planning
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)
5. **REMARKS**

BIOLOGICAL MONITORING METHOD IN THE INDUSTRIAL HEALTH MANAGEMENT OF HARMFUL SUBSTANCES

Feb. 5, 2001 - Mar. 25, 2001, 10 participants

有害物質管理における生物学モニタリング

J-00-03494

1. **PURPOSE** Under planning
2. **MAIN FEATURES OF CURRICULUM** Under planning
3. **QUALIFICATION OF APPLICANT** Under planning
4. **TRAINING INSTITUTIONS** Under planning
5. **REMARKS**

SEMINAR ON REPRODUCTIVE HEALTH OF ADOLESCENTS

Feb. 13, 2001 - Mar. 11, 2001, 10 participants

思春期リプロダクティブ・ヘルス・セミナー

J-00-00614

1. **PURPOSE** The purpose of the course is: (1) to have a better understanding on the concept and develop the effective strategy of reproductive and sexual health approach for adolescents (2) to develop and utilize appropriate IEC for community-based adolescent health activities
2. **MAIN FEATURES OF CURRICULUM** (1) Lecture (2) Research (exchange of information on situations of participant's countries) (3) Work-Shop (planning, developing appropriate IEC) (4) Observation
3. **QUALIFICATION OF APPLICANT** Applicants should: (1) be program administrators or program implementers in the field of reproductive and sexual health of adolescents from GO or NGO (with at least three years of experience)
4. **TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)
5. **REMARKS**

INDEPENDENT LIVING FOR DISABLED PERSONS

Aug. 3, 2000 - Oct. 21, 2000, 8 participants

ID (障害者自立)

J-00-03348

- 1. PURPOSE** The Purpose of this course is; (1) to introduce the participants to Japanese social welfare systems for disabled persons and knowledge and technology for management of facility for the support of independent living of persons with disability, (2) to assist them to contribute to the betterment of social welfare level by the achievement of the comparative study on the situation of technology for the support of independent living of persons with disability
- 2. MAIN FEATURES OF CURRICULUM** (1) Lectures; a) Japanese social welfare and law system for disabled persons b) Present situation and problem for technology for the support of independent living of persons with disability c) Present situation and problem for the employment of persons with disability (2) Observation; The facility and workshop for the support of independent living of persons with disability (3) Comparative Study; The situation for the support of independent living of persons with disability in respective countries including Japan (4) Selective Exercises (Printing, Sewing, Pottery); Exercise in the facility for the support of independent living of persons with disability.
- 3. QUALIFICATION OF APPLICANT** (1) be a technical leader of the related facility for supporting the disabled and have more than two years of experience in technical guidance (except executive officials) (2) not more than 40 years (3) be independent in daily activities (NOTE: No attendant shall be assigned for the participants during the course)
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Colony (Social Welfare Juridical Agent)
- 5. REMARKS**

UPGRADING TRAINING COURSE FOR MEDICAL REHABILITATION PROFESSIONALS

Jan. 8, 2001 - May 27, 2001, 8 participants

医学リハビリテーション専門家研修コース

J-00-03388

- 1. PURPOSE** The purpose of this training course is to enable the participants presently engaged in medical rehabilitation (services) to acquire knowledge and techniques of Japanese medical rehabilitation, and to contribute to upgrading their quality as well as to making a qualitative improvement of their rehabilitation services in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course: (1) (a) introduction to comprehensive rehabilitation sciences (b) Rehabilitation by disabilities (spinal cord injury, amputation, rheumatoid arthritis, cerebrovascular disease, etc.) (c) prosthesis/orthotics/wheel-chair and assist technology (d) practical rehabilitation programme for disabilities (e) team approach programme among different rehabilitation programmes (f) physical therapy/occupational therapy/rehabilitation nursing (2) Through the training programme (lectures, practical, training, etc.) (a) the participants are expected to obtain techniques of medical rehabilitation by disease/disability (b) techniques of team approach between and among respective professions (c) coordinated teamwork between vocational rehabilitation and social rehabilitation
- 3. QUALIFICATION OF APPLICANT** (1) occupational therapists, physical therapists, nurses, or medical doctors who respectively have an experience of more than five (5) years in the field of medical rehabilitation (attention: The government desiring to nominate applicants for the course should choose (two applicants) any pair of applicants with different occupation from among physical therapists, nurses, and medical doctors. A pair of the same occupation can not be accepted (2) Under thirty-five (35) years of age (3) Proficient in spoken and written English
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre (HIC), JICA (2) Hyogo Rehabilitation Centre
- 5. REMARKS** A Compulsory intensive Japanese Language Course will be conducted prior to the technical training for 8 days

SEMINAR ON AGING SOCIETY AND WELFARE POLICY

Jan. 8, 2001 - Mar. 7, 2001, 6 participants

高齢化社会と福祉行政セミナー

J-00-03351

- 1. PURPOSE** To provide participants with knowledge and experience necessary for their planning measures for promoting welfare policies and relative activities through exchanging information, research results and discussion on achievements of social welfare services for aging people in terms of facility building and technical innovation.
- 2. MAIN FEATURES OF CURRICULUM** Participants are expected to receive knowledge pertaining to: (1) analysis of social situations of aging people and future forecast (2) analysis of measures taken in advanced countries (3) guidelines of welfare policies, social welfare schemes and social benefits for aged people in Japan (4) analysis of life patterns of aged people and survey methods including population dynamics survey (5) correlative transactions between medical treatment and welfare services (treatment of diabetes, heart disease and other cardiovascular diseases, rehabilitation of muscle movement, etc.), and (6) formulation of appropriate policies for welfare of aged people and their surrounding communities.
- 3. QUALIFICATION OF APPLICANT** Applicants should be (1) specialists or government administrators with knowledge of and experience in health and welfare activities for aged people for more than five years (2) in good command of English in speaking and writing (3) graduates of college/university or with the equivalent academic background, and (4) younger than 50 years old.
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre, JICA (2) Public Health and Welfare Bureau, Kitakyushu City Office (3) Kitakyushu Council for Social Welfare
- 5. REMARKS**

CARING FOR FRAIL ELDERLY

Oct. 2, 2000 - Nov. 19, 2000, 10 participants

高齢者介護

J-00-03346

- 1. PURPOSE** The purpose of this course is to understand the Japanese experience of age's welfare and advanced system for frail elderly and discuss a suitable framework of participants respective nations for aging society which is coming in the future.
- 2. MAIN FEATURES OF CURRICULUM** It mainly covers: (1) Elderly problems in aged society, social security and welfare policies on elderly (2) Care operations (3) Community Care (4) Related Information (PFI, NGO activities)
- 3. QUALIFICATION OF APPLICANT** (1) Administrative officers in central or local government, who are currently engaged in social welfare and public health service, (2) have a university degree or the equivalent, with more than three (3) years of work experience in the field, (3) have a sufficient command of English so as to conduct discussions and make reports in the training course, (4) be under forty-five (45) years of age, (5) be nominated by their government in accordance with the procedures, (6) be in good health to undergo the training, and (7) not be serving in the military.
- 4. TRAINING INSTITUTIONS** (1) Chugoku International Centre (CIC), JICA (2) Hiroshima International University
- 5. REMARKS**

**REHABILITATION OF PERSONS WITH DISABILITIES -
VOCATIONAL REHABILITATION AND WORKSHOP MANAGEMENT**

Jun. 13, 2000 - Jul. 29, 2000, 10 participants

リハビリテーション専門家コース

J-00-00429

- 1. PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation systems for persons with disabilities, especially in vocational rehabilitation and workshop management, through a variety of lectures, study visits and practical training, and to provide opportunities to exchange ideas and information among the participants in order to enable them to contribute to further development of their respective services.
- 2. MAIN FEATURES OF CURRICULUM** (1) The following major subjects will be covered in the course: (a) introduction to institutional activities and framework of Japanese rehabilitation services for persons with disabilities (b) Country Report (present status of persons with disabilities and rehabilitation services in participants' countries) (c) workshop management (d) observations (community-based services) (e) wrapping-up (future action plan) (2) Through the training programme, the participants are expected to obtain efficient and practical theory and technique for managing a sheltered workshop established for the purpose of vocational and/or social rehabilitation. In order to achieve the above-mentioned objective, the participants are also requested, during the course programme, to create better understanding on the present status in Japan on medical and educational rehabilitation, social services and the relevant laws and regulations for persons with disabilities.
- 3. QUALIFICATION OF APPLICANT** (1) vocational rehabilitation center/workshop managers or rehabilitation experts such as an instructor, supervisor, social worker, vocational counsellor, vocational evaluator, who resume duties on his/her return in such facilities as a sheltered workshop, work preparation centre, vocational/work evaluation centre, vocational training centre or other relevant facilities for persons with disabilities with occupational experience of more than two years (should not be a medical doctor or a nurse) (2) not less than 28 and no more than 40 years of age (3) if with any kind of disabilities, be independent in daily activities (NOTE: No attendant shall be assigned for the participant during the course.)
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Society for Rehabilitation of Persons with Disabilities (JSRPD)
- 5. REMARKS**

**TECHNICAL AID FOR THE VISUALLY DISABLED
PERSONS (ASIA AND OCEANIA)**

no executed in FY 2000

視覚障害者用支援技術(アジア・大洋州諸国)

- 1. PURPOSE** This training course aims at contributing to the improvement of well-being of visually disabled persons in developing countries by providing the participants with such knowledge and skills as welfare and employment system for visually disabled persons in Japan, optical aid and computer-related technical aid, volunteer activities, and social contribution of corporations. The training course will also provide the participants with opportunities to exchange ideas and information among one another in order to promote mutual understanding.
- 2. MAIN FEATURES OF CURRICULUM** (1) systems for low vision persons, including TV, video etc. (2) raised graphics for teaching materials by use of three dimensional photo copying (3) translation of documents into Braille by use of image scanners (4) how to increase opportunity for education and employment taking advantage of information processing ability by use of voice synthesizer and Braille display
- 3. QUALIFICATION OF APPLICANT** (1) be a manager, instructor, supervisor, social worker, and/or researcher at governmental or non-governmental facilities such as an education center, rehabilitation center, vocational rehabilitation center, sheltered workshop or other relevant facilities for visually disabled persons, or a leader of a union organized by and for visually disabled persons authorized by their government, with occupational experience of more than five years, (2) have a sufficient command of spoken and written English, (If visually disabled, participants must be able to read and type Braille in English.), (3) be able to operate a computer keyboard or typewriter, (4) be independent in daily activities and should have no other disability in case the participant has a visual disability (NOTE: No attendant shall be assigned for the participant during the course), (5) be not less than 28 years and no more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan Vocational Development Center for the Blind
- 5. REMARKS**

**INSTRUCTORS' TRAINING OF ESOPHAGEAL
VOCALIZATION (THAILAND)**

Aug. 8, 2000 - Oct. 15, 2000, 6 participants

喉頭摘出者のための食道発声指導員養成(タイ) J-00-03397

- 1. PURPOSE** The purpose of this course is to have participants from Asian countries (this year from Thailand) master the esophageal vocalization method and its instruction method, and consequently to contribute to the promotion of rehabilitation of laryngectomees in their respective countries and their reorientation into society.
- 2. MAIN FEATURES OF CURRICULUM** The curriculum consists of step-by-step training of the esophageal vocalization method and lectures upon instruction theory.
- 3. QUALIFICATION OF APPLICANT** (1) laryngectomee, whose larynx has been removed due to laryngeal cancer, etc. (2) currently or expected to be engaged in rehabilitation of laryngectomees (3) person who finished at least secondary education (4) under 55 years of age.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Ginreikai Inc. Association * AFLA
- 5. REMARKS**

**SPORTS INSTRUCTOR FOR DISABLED
PERSONS**

Sep. 28, 2000 - Nov. 19, 2000, 10 participants

障害者スポーツ指導者

J-00-00693

- 1. PURPOSE** The purpose of this training course is to introduce the participants who are presently engaged in social welfare activities for disabled persons to the present situation of sports activities as well as sports leadership and game administration for disabled persons in Japan in order to contribute to further development of sports activities for the disabled persons in their respective countries.
- 2. MAIN FEATURES OF CURRICULUM** (1) The following major subjects will be covered in the course: (a) social welfare and rehabilitation system in Japan (lectures and study visits) (b) sports for the disabled (lectures, practices and study visits) (c) discussions to exchange information (2) Through the training programme, the participants are expected to: (a) recognize current situation of various sports activities for persons with disabilities in Japan (b) educate sports leaders for the disabled in their respective countries (c) plan and develop sports activities and recreational programmes for people with various types of disabilities.
- 3. QUALIFICATION OF APPLICANT** (1) workshop manager or a rehabilitation expert with more than three years experience such as a social worker, therapist, sports or rehabilitation trainer for the disabled (except medical doctors and nurses). Special school teacher and the leading disabled athletes are applicable if their participation satisfied the purpose of this course (2) not less than 25 and not more than 40 years of age (3) be independent in daily activities (NOTE: No attendant shall be assigned for the participants during the course.)
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TOC), JICA (2) Japanese Sports Association for the Disabled
- 5. REMARKS**

LEADERS OF PERSONS WITH DISABILITIES

Oct. 10, 2000 - Nov. 25, 2000, 10 participants

障害者リーダーコース

J-00-00430

- PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation system for persons with disabilities and their activities and organizations in Japan, and to provide an opportunity to enhance leadership skills through exchanging idea and information among the participants and Japanese relevant personnel in order to enable them to contribute to further development of their services and further promotion of social participation of persons with disabilities in their respective countries.
- MAIN FEATURES OF CURRICULUM** Through the training programme, (lecture, practical training, country report presentation, etc.) the participants are expected to create a better understanding on the following: (1) analysis of the present status of persons with disabilities and identification of their requirements, (2) analysis of institutional activities of persons with disabilities, (3) improvement of a comprehensive public information programme on the rights and requirements of persons with disabilities, and (4) various activities by organizations of persons with disabilities in Japan in collaboration with the government and the public for promoting social participation of persons with disabilities.
- QUALIFICATION OF APPLICANT** (1) persons with disabilities who are leaders of governmental or non-governmental organization/group of persons with disabilities with more than three years of experience in the relevant field, (2) not less than 25 and no more than 40 years of age (3) be independent in daily activities (NOTE: No attendant shall be assigned for the participant during the course.)
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Society for Rehabilitation of Persons with Disabilities (JSRPD)
- REMARKS**

PROSTHETIC AND ORTHOTIC TECHNICIANS

Jul. 17, 2000 - Dec. 10, 2000, 4 participants

補装具製作技術

J-00-00321

- PURPOSE** The purpose of the course is to provide opportunities for the participants to acquire the latest knowledge and techniques in manufacturing prostheses and/or orthoses through lectures, practicum, and field tours.
- MAIN FEATURES OF CURRICULUM** This course is conducted in the form of lecture/discussion and practical training. The curriculum includes: (1) lecture on (a) anatomy, kinesiology, and biomechanics, (b) introduction to prosthetics and orthotics (c) clinical use of prostheses and orthoses; and (2) practicum on manufacturing of (a) upper limb prostheses, (b) lower limb prostheses, (c) upper extremity orthoses, and (d) lower extremity orthoses.
- QUALIFICATION OF APPLICANT** (1) will involve in manufacturing of prostheses and orthoses and/or education of prosthetist and orthotist in applicant's respected country after the completion of the program (2) is recommended to have a command of spoken and written English to understand medical and biomechanical aspects of prosthetics and orthotics (3) have more than five years of practical experiences in the production of prosthetics and orthotics and/or fitting evaluation of prosthetics and orthotics (4) under 45 years of age
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) National Rehabilitation Center for the Disabled (NRCD)
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for almost four weeks (95 hours).

INTELLECTUAL DISABILITIES

May 9, 2000 - Jul. 23, 2000, 8 participants

知的障害福祉

J-00-00640

- PURPOSE** This course aims to enhance participants' knowledge on intellectual disabilities, to introduce Japan's welfare systems and various institutions for persons with intellectual disabilities and thus to help participants provide better systems in their respective countries.
- MAIN FEATURES OF CURRICULUM** The course gives lectures on various rehabilitation services and related subjects, augmented by observations of relevant facilities. A part of the curriculum gives participants an opportunity to closely survey particular institutions to deepen their understanding.
- QUALIFICATION OF APPLICANT** A pair of two (2) participants each representing the duties below, (2 participants from each country) (1) officials/managers responsible for administration and planning of programmes, activities or services in either governmental organizations (GO) or non-governmental/voluntary private organizations (NGO), (2) staff of GO/NGO responsible for the implementation of daily programmes, activities or services for persons with intellectual disabilities
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan League on Intellectual Disabilities (JLID)
- REMARKS**

LEADERSHIP TRAINING OF ASIAN AND OCEANIAN DEAF PERSONS

Oct. 1, 2000 - Nov. 19, 2000, 8 participants

聾者のための指導者(アジア・大洋州諸国)

J-00-03469

- PURPOSE** The purpose of this course is to provide practical knowledge and information on social welfare in Japan, in order to contribute to deaf persons who are in severe social and economic situations in participating Asian and Oceanian countries, to be independent and participatory in the society.
- MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions and observation trips: (1) present situation of social welfare for the deaf in Japan (2) education of the deaf in Japan (3) employment of the deaf in Japan (4) sign language interpretation in Japan (5) present situation of the World Federation of the Deaf (WFD) and its regional secretariat office of Asia and the Pacific (WFDRSA/P) (6) Japanese deaf organizations and their activities
- QUALIFICATION OF APPLICANT** (1) be deaf persons who use sign language to communicate (2) have past experience or the future prospect of leadership in the deaf community (3) be proficient in the sign language of their country, in American sign language or in international sign language, and have a reasonable reading knowledge of English (4) be between 25 and 40 years of age (5) be in sufficiently good health, both physically and mentally, to undergo the training; pregnancy is regarded as a disqualifying condition for participation in the course. It should be noted that the applicants must be independent of daily activities, and no attendant shall be assigned for the participant during the course
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Japanese Federation of the Deaf
- REMARKS**

**SEMINAR ON WOMEN'S ENTREPRENEURSHIP
DEVELOPMENT - TRAINING FOR PROGRAM MANAGERS**

Jan. 21, 2001 - Feb. 14, 2001, 8 participants

女性起業家育成のためのセミナー(プログラム・マネージャー養成研修) J-00-03482

- PURPOSE** This course aims at supporting the "program managers" in NGOs/ Government Organizations who are responsible for total management of planning, implementation and evaluation of program for development of women entrepreneurship. Through the seminar, participants are expected: (1) to deepen knowledge on effective method and network, and enhance leadership to implement a training program to develop/promote women entrepreneurship. (2) to establish sustainable network among participants, Japanese women's group, NGO's, women entrepreneur, Local government such as Yokohama City, and private enterprises through discussions and exchange of information. (3) to gain knowledge on quality management, appropriate technology, information technology and personnel management which considered to be the key factor contributed to Japanese post war economic development.
- MAIN FEATURES OF CURRICULUM** (1) Motivation: Gender issues in entrepreneur (2) Network: Women's networking, information exchange & network, Internet (3) Skill in entrepreneurship: Business know-how, Case study (4) Action Plan: Presentation & discussion on Action report
- QUALIFICATION OF APPLICANT** Have more than three (3) years of experience in organizing program(s) for women's economic empowerment i.e. skill training, credit etc. either in Government or NGO. a) For the participant from the Philippines, one nominee should be a trainer from TESDA Women Center (TWC), and the other should be from an NGO with nomination from TWC. b) For the participant from Cambodia, one nominee should be from the Ministry of Women's and Veteran's Affairs (MWVA), one from other line ministry nominated by MWVA, and the last from an NGO nominated by MWVA. c) For those countries not mentioned above, one nominee should be from governmental organization and the other from NGO. Nomination will not be considered unless both nominees are submitted together. *A nominee should preferably be a woman.
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Yokohama Women's Association for Communication and Networking (YWACN) YWACN is a nonprofit administrative organization established in 1987, funded by the City of Yokohama. It runs the Yokohama Women's Forum and Forum Yokohama, both the pioneering women center in Japan.
- REMARKS** Intensive Japanese Class is not included in the program of this course.

**SEMINAR ON PROMOTION OF GENDER
EQUALITY**

Nov. 14, 2000 - Dec. 13, 2000, 9 participants

男女共同参画推進セミナー

J-00-03319

- PURPOSE** The purpose of the seminar can be summarized as follows: (1) to study functions and institutional location of the national machinery for the advancement of women in Japan (2) to exchange views and information on functions, activities and effectiveness of national machineries in participating countries (3) to improve knowledge required for establishing or improving national machineries and promoting their activities, and (4) to acquire knowledge on Japanese ODA, especially Focusing in WID (Women in Development)
- MAIN FEATURES OF CURRICULUM** In this seminar, a special theme regarding women's issues is selected as a specific subject each year. The seminar covers the following: (1) national machinery for the advancement of women (a) role of the national machinery (b) status of women and major women's issues (c) networks between the national machinery and local governments, NGOs (2) promotion of "women in development" (WID) (a) concept of WID (b) Japan's Official Development Assistance (ODA) focusing on WID (3) Country Report. (National machinery, National Plan of Action, Status of Women in each participating country) (4) observation tour to local governments, women's centers (5) Participation in the International Forum
- QUALIFICATION OF APPLICANT** (1) officer in charge of national machinery for the advancement of women (2) university graduate or equivalent (3) have more than five years of occupational experience (4) between thirty (30) and forty (40) years of age
- TRAINING INSTITUTIONS** (1) Institute for International Cooperation (IFIC), JICA (2) Office for Gender Equality, Prime Minister's Office
- REMARKS**

**SEM. ON IMPROVEMENT OF THE STATUS OF
WOMEN FOR GOV'T OFFICERS**

Jun. 19, 2000 - Jul. 23, 2000, 8 participants

女性の地位向上のための行政官セミナー

J-00-03329

- PURPOSE** The purpose of this seminar is to foster government officers capable of promoting comprehensive women's welfare activities based on the principle of "Women in Development", for the purpose of improving the status of women in participating countries.
- MAIN FEATURES OF CURRICULUM** Participants will be able to upgrade their knowledge and capabilities necessary for the management of women's affairs through lectures, discussions and observation. The main themes in the course are: (1) administration and administrative planning of policies for women's affairs (2) policies and administration for women workers (3) nursery system and social welfare policies (4) school education and women's education (5) women in development (6) public health care (7) women and the environment (8) living environment control, and (9) policies for the advancement of women in farms and the improvement of their living standards
- QUALIFICATION OF APPLICANT** Government officers currently in charge of planning policies for improving the status of women with more than three years of professional experience.
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Kitakyushu Forum on Asian Women
- REMARKS**

**WORKING ENVIRONMENT IMPROVEMENT
TECHNOLOGY**

Jul. 31, 2000 - Sep. 24, 2000, 10 participants

作業環境改善技術

J-00-03302

- PURPOSE** The purpose of this course is to make participants understand the practical knowledge and comprehensive information on hygiene technology measures for control of emission of toxic factors such as gas, steam, and dust in workplace, and thereby to contribute to improvement of standard in the field of industrial hygiene technology and environmental improvement in neighboring regions.
- MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course: (1) evaluation methods of working environment (understanding of toxicity of dust and organic chemical substances) (2) hygiene technology methods for environmental improvement (devices for dust proofing, sound proofing, sectional exhaust and etc.) (3) case studies on improvement (4) observation trip
- QUALIFICATION OF APPLICANT** (1) technical officials who are engaged in the field of industrial health or staffs of safety health organization who are engaged in improvement of working environment (2) university graduates of science or engineering faculty or have an equivalent qualification (preferably qualified in chemistry or a related subject) (3) between 20 and 40 years of age with more than five year's experience
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Japan Industrial Safety and Health Association (3) Sumitomo Metal Industries, Ltd.
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week. (25 hours)

**SEMINAR ON LABOUR-MANAGEMENT
RELATIONS ADMINISTRATION**

Jun. 5, 2000 - Jul. 16, 2000, 8 participants

労使関係行政セミナー

J-00-03336

- 1. PURPOSE** The purposes of the seminar are to introduce participants the system and an outline of the administration in the field of labour-management relations in Japan, to offer an opportunity for making a comparative study on labour-management relations in the participating countries, and thereby to contribute to the improvement of labour-management relations in these countries.
- 2. MAIN FEATURES OF CURRICULUM** This seminar is designed to be participative, providing an opportunity to gain knowledge through the exchange of information and ideas with other course members and other Japanese members. And it mainly covers: (1) labour-management relations in Japan (2) administration of labour-management relations in Japan (3) Japanese labour legislation on labour-management relations (4) productivity movement and technological innovation (5) comparative study on labour-management relations
- 3. QUALIFICATION OF APPLICANT** (1) middle ranking officer in charge of labour-management relations administration in the governmental organization and have more than three years of occupational experience in this field (2) university graduate or equivalent (3) not more than 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HIITC), JICA (2) Labour Management Bureau, Ministry of Labour (3) Japan Institute of Labour
- 5. REMARKS**

**SEMINAR ON INDUSTRIAL SAFETY AND
HEALTH**

Oct. 10, 2000 - Nov. 12, 2000, 15 participants

労働安全衛生セミナー

J-00-03416

- 1. PURPOSE** The purpose of this Seminar is to give Government officials (Division Head, or Section Chief) who are engaged in planning and administration of industrial/occupational safety and health (first priority) the knowledge of how to manage the Industrial Safety.
- 2. MAIN FEATURES OF CURRICULUM** The following themes will be covered in the Seminar; (1) the basic industrial safety and health administration system as well as the relevant activities of the private sector in Japan. (2) mutual understanding and cooperative activities through the exchange of information and opinions regarding actual situations of industrial safety and health and related issues in the participating countries and Japan, so as to gain clues to improve the level of industrial safety and health services in their home countries.
- 3. QUALIFICATION OF APPLICANT** (1) engaged in planning and administration in industrial safety and health (first Priority), or be staffs of governmental organizations engaged in promotion and guidance of the prevention of industrial/occupational accidents (second priority), (2) university or college graduates, or have equivalent academic background, (3) more than three years experience, (4) be under forty-five (45) years of age.
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan Industrial Safety and Health Association (JISHA)
- 5. REMARKS**

**LABOUR STATISTICS FOR POLICY PLANNING
SEMINAR**

Oct. 30, 2000 - Dec. 10, 2000, 8 participants

労働統計・政策セミナー

J-00-00598

- 1. PURPOSE** The purpose of this seminar is to introduce participants to the present situation of compilation and utilization of labour statistics for policy planning in Japan with reference to its development process, and to offer an opportunity for making a comparative study between Japan and their countries, as well as among the participating countries, and thereby to contribute to the development of labour statistics and labour administration in the countries.
- 2. MAIN FEATURES OF CURRICULUM** This seminar aims to present Japanese experience in this field as a case study and it mainly covers: (1) outline of the system and the operative condition on the labour statistics in Japan (2) utilization of the labour statistics for labour policy planning (3) comparative study
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in labour statistics administration or in labour administration with labour statistics administration career (2) university graduate or equivalent (3) not more than 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HIITC), JICA (2) Policy Planning and Research Department, Ministry of Labour
- 5. REMARKS**

**INTRODUCTION TO JAPAN DISASTER RELIEF
ACTIVITIES & DISASTER PREVENTION SYSTEM**

Jun. 1, 2000 - Jun. 23, 2000, 7 participants

国際緊急援助隊及び防災体制紹介セミナー

J-00-00665

- 1. PURPOSE** Japan has developed scientific technology and investigation skills with which we can cope with prospective disasters. It has also accumulated knowledge of disaster prevention and arranged the disaster prevention system. This seminar is designed to provide practical workers (manager level) in developing countries with knowledge and understanding about Japan Disaster Relief Activities, to contribute to smooth implementation of these activities and to improve disaster prevention system in respective countries.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions and observation trips: (1) introduction to Official Development Assistance and law concerning Dispatch of Japan Disaster Relief Teams (2) introduction of the system, organizational structure, procedure of application for disaster relief activities conducted by JICA (3) disaster/prevention measures implemented in Japan (4) regional disaster prevention system (5) emergency medicine in Japan
- 3. QUALIFICATION OF APPLICANT** Applicants should: (1) be section heads or the equivalent employed in an organ of central government responsible for disaster prevention, disaster relief or the requesting of emergency assistance from the international community (2) be under 45 years of age
- 4. TRAINING INSTITUTIONS** Okinawa International Centre (OIC), JICA
- 5. REMARKS**

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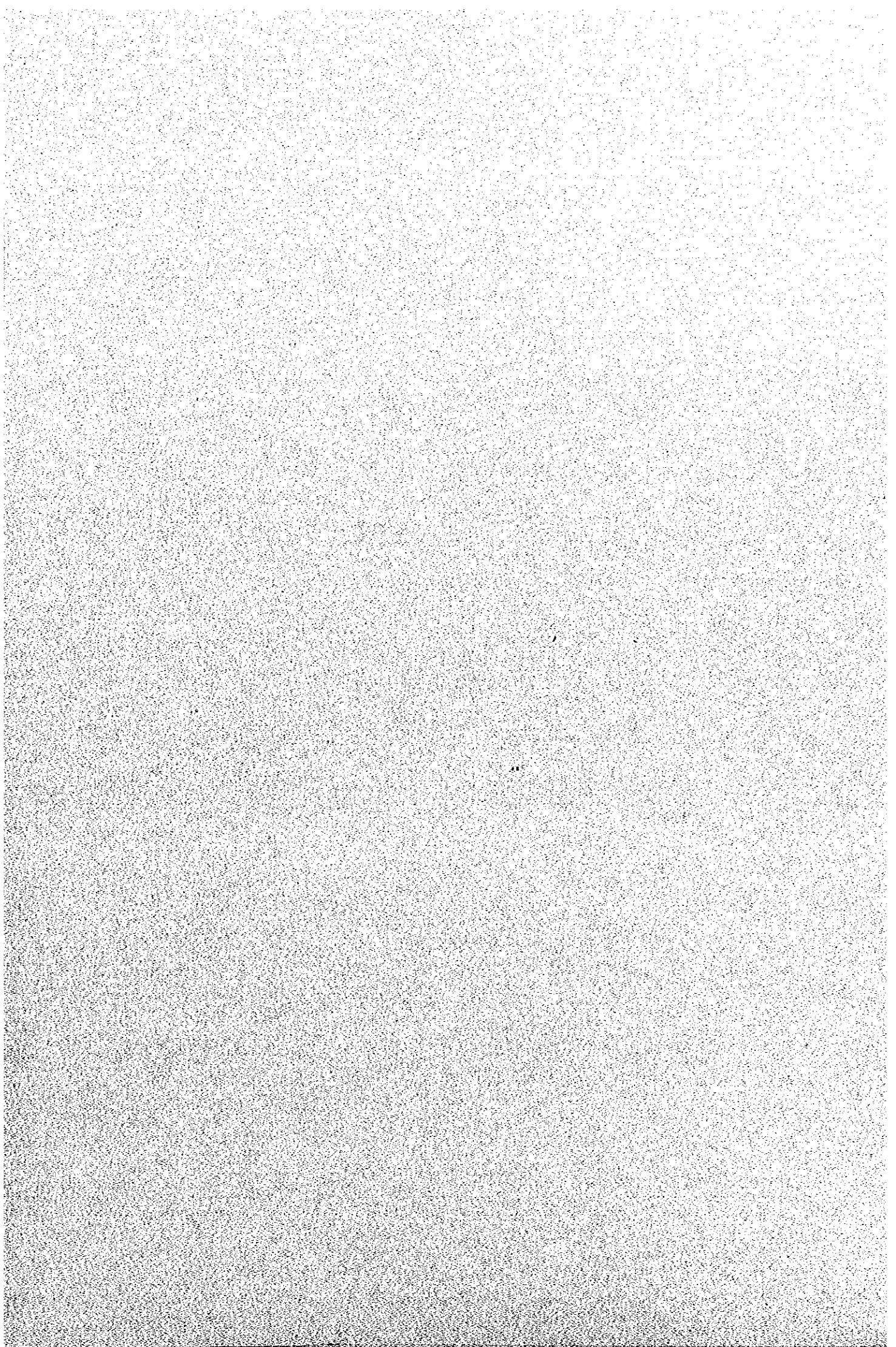
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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include direct observation, interviews, and the use of statistical models. Each method has its own strengths and limitations, and it is important to choose the most appropriate one for the specific situation.

3. The third part of the document describes the results of the data collection and analysis. This includes a detailed breakdown of the data and a discussion of the findings. The results show that there is a significant correlation between the variables being studied, and this finding has important implications for the field.

4. The fourth part of the document discusses the implications of the findings. These findings have important implications for the field, and they suggest that further research is needed to explore the underlying mechanisms. The results also have practical implications for the way in which the data is collected and analyzed.
5. The fifth part of the document discusses the limitations of the study. There are several limitations to the study, including the small sample size and the potential for bias. These limitations should be taken into account when interpreting the results.
6. The sixth part of the document discusses the conclusions of the study. The study concludes that there is a significant correlation between the variables being studied, and that this finding has important implications for the field. The study also suggests that further research is needed to explore the underlying mechanisms.
7. The seventh part of the document discusses the future research agenda. There are several areas in which further research is needed, including the development of more sophisticated statistical models and the use of more diverse data sources.



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