

LABORATORY WORKS FOR TUBERCULOSIS CONTROL

Oct. 23, '94 - Feb. 19, '95, 5 participants

結核対策細菌技術

J-94-00199

- 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 the developing countries.
- 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.
- 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
- TRAINING INSTITUTIONS** (1) Hachioji International training Centre (HITC), JICA (2) Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association
- REMARKS** Those whose tuberculin test is negative are advised to get BCG vaccination before departure from their countries.

CLINICAL ONCOLOGY II

Aug. 30, '94 - Nov. 20, '94, 10 participants

がん対策II

J-94-00068

- 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.
- 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; (1) create a better understanding on various aspects of cancer diagnosis and treatment, and (2) acquire the latest knowledge and technique in their respective field
- 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
- TRAINING INSTITUTIONS** (1) Tokyo International Center (TIC), JICA (2) National Cancer Center (NCC)

EARLY GASTRIC CANCER DETECTION AND RELATED DIGESTIVE TUMORS II

Jan. 16, '95 - Mar. 17, '95, 16 participants

早期胃癌診断II

J-94-00144

- 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

SEMINAR ON BLOOD TRANSMITTED DISEASES (SPECIAL REFERENCE TO AIDS, ATL, AND HEPATITIS)

July 11, '94 - Aug. 22, '94, 12 participants

血液由来感染症

J-94-00358

- PURPOSE** The purpose of the course is to provide middle level managers of health services in developing countries, with information on: (1) natural history of infectious diseases which are transmitted from person to person through blood namely, acquired immunodeficiency syndrome (AIDS), adult T-cell leukemia (ATL) and hepatitis B (HB) & C (HC) (2) how to establish national or regional policy on control of the above mentioned diseases and how to supervise or guide the implementation of control measures in respective countries
- MAIN FEATURES OF CURRICULUM** With regard to diseases such as AIDS, ATL, and HB & HC, the course is conducted in the form of lectures, discussions, films, practical work and field trips. Participants are expected to: (1) study natural histories of the diseases with particular emphasis on epidemiology and surveillance methodology. (2) understand diagnosis, pathology, clinical features and treatment of the diseases. (3) develop their capabilities for performing the various practical procedures related to clinical diagnosis of the diseases. (4) review, discuss and contemplate the possible control programmes of the diseases in their respective countries.
- QUALIFICATION OF APPLICANT** (1) medical doctor and, at the same time, a manager of middle level or higher in the office or in the field (2) engaged in the work which is related to this training course (3) 40 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (3) Kumamoto National Hospital

PATIENT CARE FOR INFECTIOUS DISEASES

Jan. 9, '95 - Mar. 26, '95, 5 participants

感染症臨床研修

J-94-00423

- 1. PURPOSE** The purpose of this training course is to provide the participants with better knowledge and skills to diagnose, examine and treat infectious disease through practical programme and lecture.
- 2. MAIN FEATURES OF CURRICULUM** This course will be conducted in the form of practical programme, 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) advance knowledge on infectious diseases (2) be able to diagnose infectious disease correctly (3) be able to examine patients with infectious diseases adequately (4) be able to treat patients with infectious diseases appropriately (5) be able to perform disinfection and aseptic techniques (6) 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 Center (TIC), JICA (2) International Medical Center of Japan

MANAGEMENT AND TECHNOLOGY IN MICROBIOLOGICAL LABORATORY DIAGNOSIS

Oct. 31, '94 - Apr. 16, '95, 9 participants

感染症診断の技術と管理

J-94-00424

- 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, 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) a 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 Prefectural Institute of Public Health (4) Kumamoto Municipal Institute of Public Health (5) Chemo-Cero-Therapeutic Research Institute
- 5. REMARKS** A compulsory 95 hour Japanese language course will be conducted prior to the technical training for 95 hours.

ADVANCED MICROBIAL DISEASES STUDY

Sep. 5, '94 - July 29, '95, 6 participants

上級微生物病研究

J-94-00393

- 1. PURPOSE** The purpose of the course is to improve the competence of the participants who work at the frontline in microbial research in developing countries, and thus contributing to the development of human resources in this field in their countries.
- 2. MAIN FEATURES OF CURRICULUM** This course consists of individual research work at laboratory. Each participant is to belong to one of the following departments for his/her individual research. (1) department of bacteriology and serology (2) department of immunochemistry (3) department of preventive medicine (4) department of protozoology and parasitology (5) department of pathology (6) department of virology (7) department of tumor virology (8) department of microbial genetics (9) department of tuberculosis research (bacterial toxinology) (10) department of medical genetics (11) department of immunoregulation (12) department of molecular immunology (13) department of science for laboratory animal experimentation
- 3. QUALIFICATION OF APPLICANT** (1) have a master's or doctors degree or equivalent knowledge and have majored in microbial diseases, or be ex-participants of the JICA Group Training Course in Microbial Diseases Study. (2) under 45 years of age
- 4. TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Research Institute for Microbial Diseases, Osaka University
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four week.

PEDIATRICS AND PEDIATRIC SURGERY

Feb. 13, '94 - June 18, '95, 5 participants

小児専門医療

J-94-00360

- 1. PURPOSE** The purpose of this training course is to provide the participants with an opportunity to deepen an understanding on medical and health care to neonates, infants, small children and adolescents as well as prevental health care for them and early detection of diseases, which covers acute and chronic diseases, neonatal diseases, congenital or genetic diseases, physical disabilities, psychosomatic diseases and development behaviour problems, and thus to contribute to further advancement of pediatrics and pediatric surgery in developing countries.
- 2. MAIN FEATURES OF CURRICULUM** This training course mainly consists of two parts; introductory lectures attended by all participants and individual clinical exercise (Pediatric, Pediatric Surgery) to be conducted in accordance with the participants' specialities. Through the training programme, the participants are expected to have a better understanding on the following: (1) diagnosis and treatment as a physician specialized in pediatrics or pediatric surgery, and (2) recent medical and surgical techniques for child care
- 3. QUALIFICATION OF APPLICANT** (1) licensed physician authorized by their governments, and have occupational experience of more than two years in pediatrics or pediatric surgery (2) under 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) National Children's Hospital

**SEMINAR ON POLIO ERADICATION,
ITS THEORY AND PRACTICE**

Jan. 16, '95 - Mar. 6, '95, 7 participants

小児麻痺根絶計画の理論と実際

J-94-00425

- PURPOSE** The purpose of this course is to provide the middle level managers of the health services in developing countries with information on: (1) analysis of history of the past polio eradication programmes and elements needed for the success of the programmes, (2) according to (1), setting-up of practical eradication methodology and management of field programme (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 participant' country through discussions, lectures and field survey practice. The subjects covered in the seminar are: (1) basic lectures (a) virology and epidemiology poliomyelitis (b) pathology poliomyelitis (c) clinical features of poliomyelitis (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) practice laboratory diagnosis (7) group discussion and study (8) presentation and discussions of Country Report
- QUALIFICATION OF APPLICANT** (1) medical doctor and at the same time, manager responsible for the national EPI and/or polio eradication programme or a person of equivalent position (2) 50 years of age or less
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health

**TECHNOLOGY FOR NEONATAL AND
INFANTILE SCREENING**

Jan. 5, '95 - Mar. 27, '95, 8 participants

新生児乳児マスキリーニング検査技術 J-94-00492

- PURPOSE** The course is designed to upgrade knowledge and technique of mass-screening in the field of infants screening for inherited disorders and related diseases.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on the technical exercises. It mainly deals with: (1) inborn errors of metabolism (2) congenital hypothyroidism (3) congenital adrenal hyperplasia (4) neuroblastoma
- QUALIFICATION OF APPLICANT** (1) medical doctor or have a doctorate in medical science and also be planning to organize neonatal and infantile screening (2) university graduate or equivalent (3) over 25 and under 40 years of age
- TRAINING INSTITUTIONS** (1) Hokkaido Branch Office, JICA (2) Sapporo City Institute of Public Health

CLINICAL DENTISTRY

Apr. 18, '94 - Aug. 22, '94, 10 participants

歯学

J-94-00426

- 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 clinics, education and administration in the field of dental health in order to promote the dental health systems on the basis of long and short-term period according to the situation of respective countries.
- 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
- 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
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Faculty of Dentistry, Kyushu University
- REMARKS** A compulsory 30 hour Japanese language course will be conducted prior to the technical training.

**ADVANCED MEDICAL RADIOLOGICAL
TECHNOLOGY**

Jan. 9, '95 - Jun. 28, '95, 7 participants

医療放射線技術指導者

J-94-00511

- 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.
- 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
- QUALIFICATION OF APPLICANT** The course offers 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 40 years of age
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) Medical School (Faculty of Medicine), Osaka University
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

**COUNTER-MEASURE FOR IMPROVEMENT
OF INFANT MORTALITY RATE**

Aug. 22, '94 - Oct. 3, '94, 8 participants

乳児死亡率改善対策

J-94-00519

- 1. PURPOSE** The purpose of this course is to aim to have participants develop the managerial and planning skill toward the reduction of the infant mortality rate (IMR) in their own countries through (1) identifying the factors of reducing the IMR 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 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 lectures (1) Japan's health policy (2) maternal health (3) child health (4) health staff service
- 3. QUALIFICATION OF APPLICANT** (1) be a 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
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 25 hours.

CLINICAL LABORATORY TECHNOLOGY

Oct. 27, '94 - Feb. 19, '95, 13 participants

臨床検査技術

J-94-00521

- 1. 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 and skills for practical medical technology.
- 2. 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 diarrheal 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).
- 3. 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 or nurses) (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
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Center (TIC), JICA (2) Japan International Medical Technology Foundation (3) Japanese Association of Medical Technologists (4) related institutes

**TOTAL MEDICAL IMAGING AND
RADIATION THERAPY TECHNOLOGY**

Sep. 27, '94 - Jan. 30, '95, 13 participants

総合医用画像・放射線治療技術

J-94-00516

- 1. PURPOSE** This programme aims to invite those who are presently engaged in medical technology practices, especially in the field of medical imaging 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.
- 2. 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.
- 3. 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
- 4. TRAINING INSTITUTIONS** (1) Nagoya International Training Centre (NITC), JICA (2) Japan International Medical Technology Foundation (3) Japan Association of Radiological Technologists Education Center (4) related institutes

HOSPITAL ADMINISTRATION

Jan. 24, '95 - Mar. 4, '95, 6 participants

病院管理技術

J-94-00481

- 1. PURPOSE** The purpose of this course is to introduce participants to the latest knowledge and technologies in the field of health services management, laying stress 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 visit
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in hospital administration at the middle management level or government officer, working in health services management (2) not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Center (TIC), JICA (2) National Institute of Health Services Management

FOOD MICROBIAL CONTROL

Jan. 9, '95 - May 26, '95, 6 participants

食品微生物検査技術

J-94-00361

- 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 trip. (1) lectures (1 week) (a) Japanese food sanitation law (b) microbial control (c) anaerobic bacteria (d) pathogenic bacteria (e) saprophytic bacteria (f) fungi (g) recent trend of regulation for marine and livestock products in Japan (2) practice (12 weeks) (a) basic techniques (i) staining of bacteria (gram stain etc.) (ii) preparation of culture medium (iii) viable count of bacteria (iv) viable count of coliform group in drinking water (v) viable count of fungi and yeast (vi) viable count of lactic acid bacteria (vii) viable count of anaerobic bacteria (b) procedures for the isolation and identification of pathogenic microbes related to food-poisoning (i) salmonella (ii) staphylococcus aureus (iii) pathogenic vibrios (*V. parahaemolyticus*, *cholerac.*) (iv) campylobacter (v) clostridium perfringens (vi) listeria monocytogenes (vii) fungi and yeast (3) observation of private and public facilities related to food microbial control
- 3. QUALIFICATION OF APPLICANT** (1) research or technical officer presently engaged in food microbial control (2) university graduate or equivalent with occupational experience of more than three years in the field of food microbial control (3) under 35 year of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Centre, JICA (2) Kobe Women's College of Pharmacy (3) Public Health Research Institute of Kobe City (4) Kobe Quarantine Station, Ministry of Health and Welfare
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for about 40 hours.

MYCOTOXIN INSPECTION IN FOOD

Feb. 6, '95 - May 26, '95, 7 participants

輸出入食品マイコトキシン検査

J-94-00390

- 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. (1) lectures (a) food sanitation law and food inspection (b) general view on mycotoxins (c) introduction to fungi (d) isolation and identification of fungi (e) aspergillus flavus contamination of groundnuts and maize (f) fusarium contamination of wheat and maize (g) sampling for mycotoxins (h) analysis of mycotoxins (i) control of mycotoxins (j) analysis of food preservatives (2) practices (a) method of the isolation and identification of mycotoxins-producing fungi (b) analysis of mycotoxins such as aflatoxins and fusarium mycotoxins (c) analysis of food preservatives (3) observation 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 Center, JICA (2) Public Health Research Institute of Kobe City (3) Osaka Prefectural Institute of Public Health
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for about 40 hours.

IMPORT AND EXPORT FOOD INSPECTION

Aug. 15, '94 - Dec. 3, '94, 6 participants

輸出入食品検査技術

J-94-00226

- 1. PURPOSE** The course is designed for brushing up the knowledge and technique of the middle-class personnel in the manner of in-service training.
- 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. (1) lectures (a) current trend of public health administration in the world (b) principle of food hygiene in international trade (c) food hygiene administration on national and community levels (d) government formalities for international food trade at entry and exit (e) hygienic criteria for food safety in international trade (f) function of public institute for food health (g) monitoring of imported food in domestic market (2) laboratory experiments (a) microbial examinations (b) physico-chemical and other examinations
- 3. QUALIFICATION OF APPLICANT** (1) a technical personnel of import and export food sanitation of inspection who are university graduates and/or those who have equivalent practical experiences of food hygiene services more than three years (2) not more than 40 years of age
- 4. TRAINING INSTITUTIONS** (1) Hyogo International Center, JICA (2) Kobe Quarantine Station, Ministry of Health and Welfare (3) National Institute of Hygienic Science (Osaka Branch), Ministry of Health and Welfare (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 eight days (40 hours).

SEMINAR ON PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS

Jan. 24, '95 - Feb. 19, '95, 10 participants

寄生虫予防指導者セミナー

J-94-00241

- 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 Center (TIC), JICA (2) Japan Association of Parasite Control

NURSING ADMINISTRATION

July 4, '94 - Nov. 18, '94, 7 participants

看護管理

J-94-00255

- PURPOSE** The purpose of the course is to give promising nurses an educational opportunity to be well-equipped administrators who will be able to upgrade the quality of nursing services in developing countries through the study of theory and practice on nursing administration.
- 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. The following major subjects will be covered in the course: (1) health and medical situation in Japan (2) principles of administration (3) hospital administration (4) nursing administration
- QUALIFICATION OF APPLICANT** (1) have enrolled and completed either of the below-mentioned courses a. and b. during the period specified, or equivalent (a) JICA's group training course in Specialized Nursing year of participation: 1986 - 1990 (b) Advanced Nursing Study Course for Southeast Asian nurses, which the Ministry of Health and Welfare entrusts its operation to INFJ year of participation: 1973 - 1990 (2) hold an administrative position in nursing of their countries at present, or expected to be engaged in the administration in future with a sufficient ability (3) have basic Japanese knowledge (beside sufficient command of English)
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
- REMARKS** (1) This course is conducted every other year in principle. This year (in Japanese fiscal 1994) it will be conducted. (2) A compulsory intensive Japanese language course will be conducted prior to the technical training for one month.

SPECIALIZED NURSING

Mar. 6, '95 - Dec. 8, '95, 8 participants

専門看護

J-94-00314

- PURPOSE** The purpose of this training course is to enhance the participants' competency on selected fields through lectures and practice so as to contribute to improving nursing services and its standard of respective countries.
- 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, the 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 manner, (3) understand and manipulate specific medical equipment and instruments, (4) state the significance, process and nursing intervention of related clinical examinations, (5) understand psychosocial aspects of patients and their families, and (6) understand the expanded role of nurses in the community.
- QUALIFICATION OF APPLICANT** (1) have completed a fundamental nursing education programme of three years or more (2) have more than five years experience in nursing and more than one year experience in the specialized field for which the applicant is to apply (3) under 35 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) International Nursing Foundation of Japan (INFJ)
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two months.

CLINICAL NURSING

Aug. 18, '94 - Feb. 20, '95, 5 participants

臨床看護実務

J-94-00341

- 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 calibre with leadership quality who would serve to improve the standard of clinical nursing in participating countries.
- 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 (2) maternal and child nursing (3) internal medicine nursing (4) surgical nursing
- QUALIFICATION OF APPLICANT** (1) a certified staff nurse with more than five years of nursing experience (head nurse and chief nurse are not applicable) (2) under 40 years of age
- TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Chubu Hospital
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two months (210 hours).

CARDIOVASCULAR DISEASES

Aug. 22, '94 - Dec. 8, '94, 7 participants

循環器病対策

J-94-00273

- PURPOSE** The purpose of this course is to help the specialists to improve their ability in the fields of cardiovascular and related diseases through lectures, discussions, observations and practices of laboratory examinations.
- 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
- 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
- TRAINING INSTITUTIONS** (1) Osaka International Centre (OSIC), JICA (2) National Cardiovascular Centre (NCVC)
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

**SEMINAR ON NATIONAL HEALTH
ADMINISTRATION**

July 25, '94 - Aug. 19, '94, 14 participants

衛生行政セミナー

J-94-00213

- 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) health resources development and management (3) community health (4) infectious diseases control (5) environmental health and hygiene (6) maternal and child health
- 3. QUALIFICATION OF APPLICANT** (1) medically qualified top ranking administrator 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) Ministry of Health and Welfare (MHW) (3) International Medical Foundation of Japan (IMFJ)

**PUBLIC HEALTH AND ENVIRONMENTAL
POLLUTION TECHNOLOGISTS**

June 23, '94 - Feb. 26, '95, 5 participants

公衆衛生及び環境汚染技術者

J-94-00296

- 1. 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.
- 2. 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 and parasitology (3) food chemistry (4) air pollution (5) water pollution (6) snake venom and antivenin (7) venomous snake control
- 3. QUALIFICATION OF APPLICANT** (1) presently engaged in research work as a laboratory technologist in the field of public health (2) university graduate or equivalent with occupational experience of more than three years (3) under 41 years of age
- 4. TRAINING INSTITUTIONS** (1) Okinawa International Centre (OIC), JICA (2) Okinawa Prefectural Institute of Public Health
- 5. REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for eight weeks (225 hours).

**SEMINAR ON HUMAN RESOURCES
DEVELOPMENT IN PUBLIC HEALTH**

Jan. 10, '95 - Jan. 29, '95, 10 participants

公衆衛生教育

J-94-00455

- 1. PURPOSE** The purpose of this course is to increase the ability of the participants to formulate a national and local programme for human resources development in public health. Though this might be very difficult to handle, exchange of experience and views in each country will be necessarily useful and meaningful. Therefore, in this course, the way which Japan is taking in public health administration and human resources development will be presented as the study material, and participants are required to fill out the questionnaire on this matter in order to make it easy to develop the mutual discussions.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on discussions by participants, which follow lectures and field study to introduce Japanese systems and situations. The main themes are: (1) health administration and production of professional health personnel in Japan (2) institutions and personnel for public health services in Japan (3) systems and situations in participating countries
- 3. QUALIFICATION OF APPLICANT** (1) be either (a) director/dean of a school of public health, (b) chief of educational courses/programmes at a school of public health, or (c) government official responsible for human resources development in public health (2) not less than 35 years of age
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Institute of Public Health, Ministry of Health and Welfare

OCCUPATIONAL HEALTH

Aug. 8, '94 - Dec. 11, '94, 10 participants

産業医学

J-94-00305

- 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 computers. 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.

RESEARCH FOR TROPICAL MEDICINE

Jan. 16, '95 - Sep. 26, '95, 9 participants

熱帯医学研究

J-94-00324

- PURPOSE** The purpose of this course is to invite junior or senior scientists from developing countries to Japan and give them the specialized research training in the area of tropical medicine.
- MAIN FEATURES OF CURRICULUM** The course prepares individual research training for the participants in one of the nine departments, at the Institute of Tropical Medicine, Nagasaki University. Each department offers some research subjects of interest to the participants. Although the training course includes lectures, the main part of the course consists of basic research through experimental work under the guidance of the members of the institute. The nine departments are: (1) pathology (2) environmental physiology (3) parasitology (4) virology (5) bacteriology (6) protozoology (7) medical entomology (8) biochemistry (9) internal medicine
- QUALIFICATION OF APPLICANT** (1) presently employed either at the Ministry of Health or medical research laboratory (2) a medical doctor or a 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
- TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Institute of Tropical Medicine, Nagasaki University
- REMARKS** A compulsory 25 hour Japanese language course will be conducted prior to the technical training.

VACCINE QUALITY CONTROL TECHNOLOGY

July 4, '94 - Dec. 17, '94, 6 participants

ワクチン品質管理技術

J-94-00367

- PURPOSE** The participants are expected to acquire quality control technology for an acceptance inspection of their producing 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. Participants will be divided into 3 groups to cover one of the following subjects. Common subjects are: (1) quality control technology for measles vaccine, DPT vaccine and Japanese encephalitis vaccine. (2) effect of transportation and presentation conditions on the vaccine quality (3) good manufacturing practice. Participants will be divided into 3 groups to cover one of the following subjects: (a) measles virus vaccine (b) Japanese encephalitis vaccine (c) 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
- 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.

MAINTENANCE ENGINEERING FOR MEDICAL EQUIPMENT

Aug. 18, '94 - Sep. 24, '94, 8 participants

医療機器保守管理技術

J-94-00428

- PURPOSE** The purpose of this training course is to provide the participants with an opportunity to improve their maintenance technique of diagnostic X-ray apparatus produced by a Japanese manufacturing firm and provided by the Japanese Government as a part of its assistance programme.
- MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on observation and practices at private factories. The course covers the following themes; (1) normal operation of conventional diagnostic X-ray apparatus (2) routine maintenance of diagnostic X-ray apparatus (3) troubleshooting and repair of diagnostic X-ray apparatus
- QUALIFICATION OF APPLICANT** (1) (a) be presently engaged in maintenance of X-ray apparatus produced by such manufacturing companies as Hitachi Medical Corporation, Shimadzu Corporation and/or, Toshiba Corporation, and have an occupational experience in this field of more than three years (b) have efficient knowledge on two-pulse X-ray generator and combined radiographic devices (c) be expected to continuously resume the same duties as X-ray apparatus maintenance after returning home (2) college graduate specialized in electrical and/or electronic technology, or its equivalent (3) under 40 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan Association for Advancement of Medical Equipments (JAAME)

SEMINAR ON EMERGENCY/ DISASTER MEDICINE

Oct. 24, '94 - Nov. 10, '94, 8 participants

救急大災害医療セミナー

J-94-00427

- 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 (3) participation in academic conference on disaster 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** Osaka International Centre (OSIC), JICA

SEMINAR ON EVALUATION OF DRUG EFFICACY

Mar. 20, '95 - July 3, '95, 6 participants

医薬品の効果判定セミナー

J-94-00471

- 1. PURPOSE** The purpose of this course is to provide the senior researchers and the middle level managers who are responsible for the evaluation of drug efficacy including traditional medicine (crude drugs) with information on: (1) management of laboratory activities (2) development of new drugs (3) basic and advanced knowledge of production (4) evaluation and quality control of drugs
- 2. MAIN FEATURES OF CURRICULUM** The seminar offers information on efficacy, safety and stability of drugs (including traditional drugs) as well as technology for development of new drugs to utilize medical resources. The subjects covered in the seminar are: (1) evaluation of traditional medicine (2) development of new drugs (3) production, evaluation, and quality control of biological products (4) drug disposition and pharmacokinetic analysis (5) dosage forms and administration (6) hospital pharmacy
- 3. QUALIFICATION OF APPLICANT** (1) pharmacist or medical doctor, and at the same time, senior researcher or manager responsible for the evaluation of drug efficacy or person of equivalent (2) 45 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health (3) Faculty of Pharmaceutical Science, Kumamoto University
- 5. REMARKS** A compulsory 25 hour Japanese language course will be conducted prior to the technical training.

COMMUNITY HEALTH SERVICES

Mar. 20, '95 - Sep. 25, '95, 8 participants

地域保健指導者

J-94-00489

- 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) countermeasures for infectious diseases (7) degenerative diseases (8) countermeasures 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 135 hour Japanese language course will be conducted prior to the technical training.

SEMINAR ON THE CONTROL OF HEALTH HAZARDS IN THE MODERNIZING PROCESS OF AGRICULTURE AND RURAL AREA

Oct. 10, '94 - Dec. 12, '94, 9 participants

農村近代化過程の健康障害対策セミナー

J-94-00490

- 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 to: (1) assess the technology to be introduced (2) 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 the 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 modernizing process of agriculture and forestry (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) engaged in the work related to this course (3) 50 years of age or less
- 4. TRAINING INSTITUTIONS** (1) Kyushu International Centre (KIC), JICA (2) Agency for Cooperation in International Health
- 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

Aug. 2, '94 - Aug. 28, '94, 15 participants

家族計画指導者セミナーII

J-94-00137

- 1. PURPOSE** The aims of the seminar are mutual exchange of information, experience and ideas on family planning among participating countries for better administration of the programme using Japanese experience in family planning, maternal and child health care and the demographic transition process nearly 50 years after World War II for case studies, and also the country presentation which is to be made by each participant.
- 2. MAIN FEATURES OF CURRICULUM** This seminar covers the following, (1) orientation and general outline of Japanese population/MCH/family planning (a) population and family planning (b) governmental MCH/family planning programme (c) non-governmental family planning programme (d) concept of family planning and strategies (e) community organization (2) presentation of Country Report (3) field observation (a) prefectural governmental office (b) prefectural health center (c) municipal office (d) community organizations (e) hospital/institution (f) primary school
- 3. QUALIFICATION OF APPLICANT** (1) high-ranking official responsible for administration, planning and implementation of the field programme by governmental organization or private/voluntary organization for family planning (2) between 35 and 50 years of age, and with more than five years experience in the field of family planning
- 4. TRAINING INSTITUTIONS** (1) Institute for International Cooperation (IFIC), JICA (2) Japan Organization for International Cooperation in Family Planning, Inc. (JOICFP)

SEMINAR ON COMMUNITY-BASED FAMILY PLANNING STRATEGY

May 9, '94 - June 12, '94, 10 participants

家族計画組織活動セミナー

J-94-00190

- PURPOSE** Japanese efforts to improve maternal and child health care in local communities under leadership and extensive informative, educative and motivational activities (I.E.&M.) by capable public health nurses or midwives after the Second World War have brought a new and innovative idea to all the relevant personnel engaged in field programmes of family planning. This seminar intends to provide the participants with an opportunity to understand the Japanese experience in this field and to mutually share their respective expertise in order to contribute to the promotion of family planning with active participation by local community.
- MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course. (1) general outline on population, maternal and child health (MCH) and family planning in Japan (2) strengthening of community participation (3) exchange of participant countries' situation and experiences through topics discussions (4) adolescent health and family planning (5) field observation: to confirm how the above themes function
- QUALIFICATION OF APPLICANT** (1) responsible for planning and implementing field programme by a governmental/non-governmental organization engaged in family planning (2) responsible person for developing IEC materials and IEC approaches to local community (3) between 25 and 50 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)
- REMARKS** This course is conducted every other year in principle. This year (in Japanese fiscal 1994) it will be conducted.

PROSTHETIC AND ORTHOTIC TECHNICIANS

July 25, '94 - Dec. 11, '94, 4 participants

補装具制作技術

J-94-00321

- PURPOSE** The purpose of the course is to introduce participants active in prostheses and/or the fabrication thereof to the latest knowledge and techniques of this field through lectures, drills and field tours, and thus to improve techniques in their respective countries, and ultimately to promote the rehabilitation of physically disabled persons.
- MAIN FEATURES OF CURRICULUM** This course is conducted in the form of lecture/discussion and practical training and mainly covers: (1) lecture (a) basic medicine (b) introduction to prosthetics and orthotics (c) functional anatomy (d) disabilities and clinical prosthetics and orthotics (2) technical study through practice (a) B/K prosthetics (b) A/K prosthetics (c) upper extremity prosthetics (d) upper and lower orthotics
- QUALIFICATION OF APPLICANT** (1) have more than five years of practical experience in the production of prosthetic and orthotic devices (2) expected to become a leader in this field (3) under 45 years of age
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) National Rehabilitation Center for the Disabled
- REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for four weeks (100 hours).

MENTAL RETARDATION

Sep. 13, '94 - Dec. 11, '94, 8 participants

精神薄弱福祉

J-94-00251

- PURPOSE** This course aims to enhance participants' knowledge on mental retardation, to introduce Japan's welfare systems and various institutions for the mentally retarded 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. The second half of the curriculum gives participants an opportunity to closely survey particular institutions to deepen their understanding.
- QUALIFICATION OF APPLICANT** (1) a chief officer of the central or local government, working in a section responsible for the improvement of education/training, welfare services, or employment of the mentally retarded/the physically & mentally handicapped, or currently in a position of director/manager (or a position responsible for planning and coordination of all activities) of an institution or special school for the mentally retarded. (2) expected to continue his/her duty after he/she returns. (3) more than 30 years of age.
- TRAINING INSTITUTIONS** (1) Tokyo International Centre (TIC), JICA (2) Japan League for the Mentally Retarded (JLMR)

REHABILITATION OF PHYSICALLY DISABLED PERSONS - VOCATIONAL REHABILITATION AND WORKSHOP MANAGEMENT -

Aug. 22, '94 - Oct. 9, '94, 10 participants

障害者リハビリテーション指導者(専門家コース) J-94-00429

- PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation systems for disabled persons, especially in vocational rehabilitation and workshop management, through a variety of lectures, study visits and practical training, and to provide opportunities to exchange idea and information among the participants in order to enable them to contribute to further development of their respective services.
- 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 disabled persons (b) Country Report (present status of disabled persons and rehabilitation services in participating 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 a better understanding on the present status in Japan on medical and educational rehabilitation, social services and the relevant laws and regulations for people with disabilities.
- QUALIFICATION OF APPLICANT** (1) vocational rehabilitation center/workshop manager or rehabilitation expert such as an instructor, supervisor, social worker, vocational counsellor, vocational evaluator, or those who resume duties corresponding to the above-mentioned positions in such facilities as a sheltered workshop, work preparation centre, vocational/work evaluation centre, vocational training centre or other relevant facilities for disabled persons with occupational experience of more than two years (except a medical doctor and a nurse) (2) not less than 28 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 the Disabled

LEADERSHIP OF PHYSICALLY DISABLED PERSONS

Oct. 3, '94 - Nov. 20, '94, 10 participants

障害者リハビリテーション指導者(身体障害者コース) J-94-00430

- PURPOSE** The purpose of this training course is to introduce the participants to Japanese rehabilitation system for disabled persons 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 disabled persons 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 disabled persons and identification of their requirement (2) promotion of institutional activities of disabled persons (3) improvement of a comprehensive public information programme on the rights and requirements of disabled persons (4) vigorous activities by organizations of disabled persons in Japan in collaboration with the government and the public for promoting social participation of disabled persons
- QUALIFICATION OF APPLICANT** (1) disabled person who is leader of organization/group of disabled persons with more than three years of experience in the relevant field (2) not less more 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 the Disabled

SPORTS INSTRUCTOR FOR PHYSICALLY DISABLED PERSONS

Oct. 10, '94 - Nov. 25, '94, 10 participants

障害者スポーツ指導者 J-94-00456

- PURPOSE** The purpose of this training course is to introduce the participants who are presently engaged in social welfare activities for physically disabled people in developing countries, 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 in their respective countries.
- 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) educate sports leaders for the disabled in their respective countries, (b) plan and develop sports activities and recreational programmes for people with various types of disabilities, and (c) contribute to advancing athletic skills of disabled people to a competitive level.
- 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 physically 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.)
- TRAINING INSTITUTIONS** (1) Tokyo International Centre, JICA (2) Japanese Sports Association for the Disabled

SEMINAR ON IMPROVEMENT OF THE STATUS OF WOMEN (WID) II

Aug. 30, '94 - Oct. 15, '94, 12 participants

女性の地位向上セミナーII J-94-00114

- PURPOSE** The purpose of the seminar is to provide a knowledge of Japan's public system for dealing with women's problems, especially working women's problems. The aim of the seminar is to examine problems in the areas of employment, education and training, family life and child-care, social participation, etc., and to examine possible solutions.
- MAIN FEATURES OF CURRICULUM** In this seminar, the emphasis is put on presentation and discussion by participants and introduction of Japanese administration. The participants will also have chances to visit Japanese women in farming communities besides various public organizations.
- QUALIFICATION OF APPLICANT** (1) woman who is either (a) engaged in work related to women's problems (especially working women's problems) at a government bureau or research institute specialized in women's affairs, (b) engaged in planning work at a NGO specialized in improvement of women's status, (c) playing a leading role among working women, or (d) in charge of women's problems at a labour union (2) have more than five years of occupational experience in this field (3) university graduate or equivalent (4) between 26 and 40 years of age
- TRAINING INSTITUTIONS** (1) Tokyo International Center (TIC), JICA (2) Women's Bureau, Ministry of Labour (3) Japan Women and Young Workers Society

LABOUR-MANAGEMENT RELATIONS ADMINISTRATION SEMINAR

May 9, '94 - June 19, '94, 9 participants

労使関係行政セミナー J-94-00210

- 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.
- 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) comprehensive study
- 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
- TRAINING INSTITUTIONS** (1) Hachioji International Training Centre (HITC), JICA (2) Labour Management Bureau, Ministry of Labour (3) Japan Institute of Labour

**LABOUR STATISTICS FOR
POLICY PLANNING SEMINAR**

June 13, '94 - July 24, '94, 9 participants

労働統計・政策セミナー

J-94-00224

- 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 (HITC), JICA (2) Policy Planning and Research Bureau, Ministry of Labour

EMPLOYMENT ADMINISTRATION SEMINAR

Aug. 30, '94 - Oct. 8, '94, 8 participants

雇用行政セミナー

J-94-00225

- 1. PURPOSE** The purpose of this seminar is to provide government officials engaged in employment administration with an opportunity to deepen their knowledge and understanding of policies and measures for managing unemployment policies and measures adopted in Japan and their background situation will be introduced through lectures and observations. Discussion is also held for comparative review of Japan and the participants' countries.
- 2. MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions, comparative studies and observation trips. (1) labour administration in Japan (2) employment administration in Japan (3) human resource development administration in Japan (4) Japanese employment practice
- 3. QUALIFICATION OF APPLICANT** (1) engaged in policy-drafting in employment administration in a government organization (2) between 30 and 45 years of age (3) university graduate or equivalent with occupational experience
- 4. TRAINING INSTITUTIONS** (1) Tokyo International Center (TIC), JICA (2) Employment Security Bureau, Ministry of Labour
- 5. REMARKS** Country Reports will be highly utilized both for the selection of participants and for the comparative studies.

JICA