

VOCATIONAL TRAINING STAFF (ARCHITECTURE)

職業訓練スタッフ(建築工学)

1. PERIOD

April 6, 1989 to March 26, 1990 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Be presently engaged in architectural engineering field at university, research institute or vocational training centre as a professor, engineer or teacher
- 2) Be university graduates with three (3) years of occupational experience in this field
- 3) Between 25 and 40 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture on Specialized Subject
 - History of Architecture
 - Building Legislation
 - Indoor Environmental Engineering
 - Building Materials
 - Reinforced Concrete Engineering
 - Building Equipment
 - Wooden Construction Methods
 - Architectural Presentation Techniques
 - Building Construction and Management
 - Building Construction
 - City Planning
- 2) Practical Training
- 3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

VOCATIONAL TRAINING STAFF (ELECTRONIC ENGINEERING)

職業訓練スタッフ(電子工学)

1. PERIOD

April 6, 1989 to March 26, 1990 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Be presently engaged in electronic engineering field at university, research institute or vocational training centre as professor, engineer or teacher,
- 2) Be university graduates with three (3) years of occupational experience in this field
- 3) Between 25 and 40 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture on Specialized Subject
 - TV Engineering
 - Semiconductor IC Technology
 - Electronic Computer
 - Electronic Components
 - Electronic Circuits
 - Electronic Measurements
 - Automatic Control
 - Digital Electronic Circuits
 - Radiowave propagation and Antennas
- 2) Practical Training
- 3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

No. 242

HIGH TECHNOLOGY RESEARCH COURSE 職業訓練大学校研究課程

1. PERIOD

July 6, 1989 to February 25, 1990 (8 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

- 1) Analytical Method of Electrical Machine and Related Computer Simulation (3)
- 2) Construction System of Japanese Timber-Housing (2)

3. QUALIFICATIONS

- 1) Presently engaged in the same field at university, college, institute, vocational training centre as a professor, engineer.
- 2) Graduates from the faculty of engineering at a university or the graduate school
- 3) At least, 5 years for Bachelor degree holder, 3 years for Master degree holder of occupational experience in the field
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Research
- 2) Observation and Study Tours
- 3) Report Making

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) The Institute of Vocational Training (IVT), Ministry of Labour

6. REMARKS

There will be an intensive Japanese (language course, conducted prior to the technical training (2 months, 200 hours).

AUDIO VISUAL TECHNOLOGY (GENERAL) 視聽覺技術(一般)

1. PERIOD

January 8, 1990 to July 2, 1990 (6 months)

2. NUMBER of PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Be in charge of introductions of AV media in such human resources development activities as formal education, vocational training, diffusion of technical informations.
- 3) Expected to get a leading position in this field in future,
- 4) Under thirty five (35) years of age,
- 5) Have a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Basic AV Technology
 - Basics of Educational Technology
 - Utilization of varieties of AV devices
- 2) AV Media Production
 - Basics of AV Media Production
- 3) AV Media Application
 - Case Study
- 4) Others
 - Japanese Language
 - Study Tour

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC), JICA

- 1) Facilities
 - Studio (234m²), Post-Production Room, Photo Studio
- 2) Equipment
 - Editing system (AB Roll) x 3 sets, Video camera x 9 units
 - Multi Audio System, 35mm camera x 15 units, Multi slide production system

6. REMARKS

1. PERIOD

June 22, 1989 to December 22, 1989 (6 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) University graduates or equivalent.
- 2) Presently be engaging in production of instructional AV media in the fields of agriculture, industry, public health, education, community development and so on.
- 3) Expected to get a leading position in this field in future,
- 4) Under thirty-five (35) years of age,
- 5) Have a sufficient command of spoken and written English.

4. DESCRIPTION OF TRAINING

- 1) Basic AV Technology
 - Basics of Educational Technology
 - Utilization of Varieties of AV devices
- 2) AV Media Production
 - Overhead Transparency
 - Graphic arts
 - Audio
 - Photography
 - Sound Slide Programme
 - Video Programme
 - Video Animation
- 3) Others
 - Japanese Language
 - Study Tour

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC), JICA

- 1) Facilities
Studio (234m²), Post-Production Room, Photo Studio
- 2) Equipment
Editing System (A8 Roll) x 3 sets, Video Camera (Pro-use) x 9 units
Multi: Audio System, 35mm Camera x 15 units, Multi slide production system

6. REMARKS

SCIENCE AND CULTURE

REMOTE SENSING TECHNOLOGY リモート・センシング技術

1. PERIOD

May 8, 1988 to July 16, 1988 (2.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- University graduates having fundamental knowledge on remote sensing technology and computer
- Researchers in remote sensing application fields, such as country planning, agriculture, forest management and mapping
- Preferably under forty-five (45) years of age
- Having a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Lectures

- Remote Sensing Activities in Japan
- Basic Principles of Remote Sensing Data Processing
- Microwave Imaging
- Sensor & Platforms
- General Flow and Types of Image Processing
- Image Enhancement
- Automated Classification
- Hardware System and Software System
- Data Processing of Meteorological Satellite
- 3D Representation & Measurement
- Cartographic Application
- Application to Agriculture
- Application of Satellite Remote Sensing to Forestry
- Nationwide Geothermal Resources Survey Using Remote Sensing
- Digital National Land Information
- Application to Environment
- Global Monitoring Information

2) Workshop

- Analog Processing
- Personal Computer Processing
- Micro Computer System and Programming
- Geometric Correction
- Digital Processing

3) Ground Truth Investigation

4) Report Making

5) Observation tours

6) Country Report Presentation

5. FACILITIES AND INSTITUTIONS

Remote Sensing Technology Centre of Japan (RESTEC)

6. REMARKS

REMOTE SENSING TECHNOLOGY (Advanced) リモート・センシング応用

1. PERIOD

Not conducted in 1989.

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- University graduates having fundamental knowledge on remote sensing technology and computer
- Researchers in remote sensing application fields, such as country planning, agriculture, forest management and mapping
- Preferably under forty-five (45) years of age
- Have a sufficient fundamental knowledge of Remote Sensing Technology
- Having a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Remote Sensing Activities in Japan
 - Introduction of MOS-1
 - Digital Processing of Remote Sensing Data
 - Images registration and change detection
 - Processing of SAR Data and its application
 - Application of Remote Sensing Data for Land survey
 - Application of Remote Sensing Data for Forestry
 - Application of Remote Sensing Data for Resources Exploration
 - Application of Remote Sensing Data for Fishery
- 2) Workshop
 - Personal Computer Processing
 - Digital Image Processing
- 3) Report making
- 4) Observation tours

5. FACILITIES AND INSTITUTIONS

Remote Sensing Technology Centre of Japan (RESTEC)

6. REMARKS

The course will be conducted in 1990.
(The course is conducted every other year.)

MEDICAL AND BIOLOGICAL APPLICATION OF RADIATION
AND RADIOISOTOPES

アイソトープ・放射線の医学・生物学利用

1. PERIOD

August 24, 1989 to September 27, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eleven (11)

3. QUALIFICATIONS

- 1) Licensed physicians authorized by their governments
- 2) Have occupational experience of more than several years in nuclear medicine
- 3) Under 45 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
Nuclear medicine introduction, Data processing, In vitro test, Radio-pharmaceuticals
In Vivo nuclear medicine, Ultra sound, NMR CT, Position CT, etc.
- 2) Clinical training
Mainly in vivo imaging
- 3) Observation trips

5. FACILITIES AND INSTITUTIONS

National Institute of Radiological Sciences
Tokyo International Centre (Hatagaya), JICA

6. REMARKS

1. PERIOD

February 5, 1990 to February 3, 1991 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experience of more than three years
- 2) Presently engaged in research work in biotechnology
- 3) Under forty (40) years of age
- 4) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Intensive Japanese Language Course (2 months)
- 2) Group Training
 - a. Lectures including fundamental knowledge and the latest information
 - b. Study and Observation Tour
- 3) Individual Training
Each participant belongs to one of RIKEN's 8 laboratories according to his/her theme.
These subjects are as follows.
8 subjects:
 1. Functional proteins active on DNA
 2. Application of biotechnology to microbiology
 3. Bioorganic chemistry for utilization of biomass
 4. Classification and identification of microorganisms
 5. Plant growth substances
 6. Advanced research on herbicidal substances by using bio-organic chemistry
 7. Organic synthesis using biocatalyst
 8. Biotechnology in plant disease control

Applicants are requested to select one of these subjects.

Above mentioned subjects are available in 1989-1990. They are subject to change next fiscal year.

5. FACILITIES AND INSTITUTIONS

- 1) Tokyo International Centre of JICA (TIC)
- 2) The Institute of Physical and Chemical Research (RIKEN)

6. REMARKS

BIOTECHNOLOGY UTILIZING HIGHER PLANTS AND MICROORGANISMS

植物及び微生物を利用するバイオテクノロジー

1. PERIOD

From January 8, 1990 to May 28, 1990 (4.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

Applicants should:

- 1) be presently engaged in research work and have more than four (4) years of occupational experience in this field,
- 2) be university graduates or have the equivalent academic background,
- 3) have a sufficient command of spoken and written English,
- 4) be no less than twenty-six (26), and not more than forty (40) years of age,

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - i) General view on biotechnology
 - General view on genetics
 - General view on biology
 - Structures and functions of genes
 - Gene manipulation, etc.
 - ii) Present situation of application of biotechnology
 - General view on food chemistry
 - General view on chemistry and technology of agricultural products
 - General view on fermentation technology
 - General view on pesticide science
 - Screening and collection of plant genes
 - Introduction to biological catalysts, etc.
- 2) Experiment and practice
 - i) Biotechnology utilizing microorganisms
 - Screening of microorganisms from nature and their identification
 - ii) Breeding of microorganisms by artificial mutation
 - Breeding of microorganisms by gene engineering
 - Isolation of DNA and its manipulation
 - Gene recombination and production of useful substances, etc.
 - iii) Biotechnology utilizing plants
 - Plant tissue culture
 - Plant cell fusion
 - Virus-free cell culture and cell technology, etc.
- 3) Observation tour
 - Sake brewing companies, sugar refinery companies, food companies in the traditional biotechnology field and factory-style plant producing companies, protected agricultural fields, gene banks, biotechnological production institutes, etc.

5. FACILITIES AND INSTITUTIONS

- 1) Faculty of Agriculture, Kobe University
- 2) Biotechnology Laboratory, Hyogo Prefectural Agricultural Institute

6. REMARKS

1. PERIOD

May 11, 1989 to August 13, 1989 (3 months)

2. NUMBER of PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in this field for promotion of the industry at a government organization
- 3) Good working knowledge in English

4. DESCRIPTION OF TRAINING

- 1) Lectures and training
 - Basic technology of bioindustries
 - Applied technology of bioindustries
 - Strategy of bioindustries
 - Effective application of biological resources
 - Equipments & technology for bioindustries
 - Key points for planning & execution of bioindustries
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Nagoya International Training Centre
- 2) Bioindustry Development Center (BIDEC)
- 3) Public institutes & universities
- 4) Related industries

6. REMARKS

MEDICAL TREATMENT

TUBERCULOSIS CONTROL 結核対策

1. PERIOD

June 12, 1989 to October 16, 1989 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twenty (20)

3. QUALIFICATIONS

- 1) Medical officers who are 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 pure clinical work
- 2) A sufficient command of spoken and written English
- 3) Between 26 and 45 years of age

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Statistics
 - Epidemiology
 - General concept of tuberculosis
 - Basic science of tuberculosis
 - Preventive measures in the tuberculosis control
 - Diagnostic measures in the tuberculosis control
 - Curative measures in the tuberculosis control
 - Tuberculosis control programme
 - Epidemiology and control of leprosy
 - WHO and its role in the tuberculosis control and research
 - Role of voluntary organizations and activities in the tuberculosis control programme
 - Primary Health Care
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association(JATA)

6. REMARKS

Japanese Language Course is arranged for two weeks

TUBERCULOSIS CONTROL FOR ADMINISTRATIVE MEDICAL OFFICERS

結核対策指導者

1. PERIOD

May 8, 1989 to June 26, 1989 (1.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Medical officers who are or are planned to be, in charge tuberculosis control programme of a certain administrative level
- 2) A sufficient command of spoken and written English
- 3) Between 30 and 50 years of age

4. DESCRIPTION OF TRAINING

- 1) Lectures, seminars, group discussions and workshops:
 - Recent advances in TB control
 - Progress and problems in the participants' TB programmes
 - Simulation of TB epidemiology
 - Evaluation of TB programmes
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association (JATA)

6. REMARKS

LABORATORY WORKS FOR TUBERCULOSIS CONTROL 結核対策細菌技術

1. PERIOD

September 25, 1989 to February 12, 1990 (4.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Either one of the following three items
 - a) Qualified technicians experienced over two years of laboratory works in bacteriology
 - b) Doctors with over one year of experience in laboratory works in bacteriology
 - c) Senior technicians with over five years of experience in laboratory works in tuberculosis bacteriology
- 2) Engaged in the training of health personnel in laboratory works for tuberculosis control, or those who will be engaged in that after returning from the training course
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Tuberculosis control programme
 - Role of laboratory works in tuberculosis control programme
 - Accuracy control of laboratory examinations
 - Laboratory data control
 - Present status and problems in the laboratory works in tuberculosis control programmes of participants' countries
 - Essential experiences as a leading bacteriologist on laboratory techniques and methods for tuberculosis control
 - Maintenance and manipulation of microscope and other laboratory equipments
 - Principles of planning and establishment of bacteriological laboratories at various conditions
 - Principles of training method of laboratory techniques
 - Modern techniques useful for bacteriological laboratories for tuberculosis control
 - Visits to laboratories and institutions
 - Organization of laboratory services
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association (JATA)

6. REMARKS

Japanese Language Course is arranged for three weeks.

No. 253

**BLOOD TRANSMITTED DISEASES (SPECIAL REFERENCE
TO AIDS, ATL AND HB INFECTION)** 血液由来感染症

1. PERIOD

November 6, 1989 to December 16, 1989 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- 1) Licensed physician authorized by their government
- 2) Persons who hold relatively senior position
- 3) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Inspection, diagnosis and treatment on BTB
- 2) Present state and measures of control for BTB
- 3) Present state and measures of research for BTB
- 4) International collaboration

5. FACILITIES AND INSTITUTIONS

National KUMAMOTO Hospital

6. REMARKS

No. 254

CLINICAL TRAINING FOR PATIENTS CARE
OF INFECTIOUS DISEASES 感染症患者臨床研修

1. PERIOD

January 9, 1989 to March 31, 1989 (2.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) be licensed physicians authorized by their governments, and have clinical experience of more than three years,
- 2) have a sufficient command of spoken and written English,
- 3) be between 27 and 32 years of age,

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - (1) National policy on infectious diseases control in Japan
 - (2) Pharmaceutical administration
 - (3) Vaccination System
 - (4) General aspects of infectious diseases
 - (5) Hospital-acquired infectious diseases
 - (6) Disinfection, sterilization and aseptic procedure
 - (7) Management of patients with infectious diseases
 - (8) Aseptic care in the field of nursing
 - (9) Diagnostic examination of infectious diseases
 - (10) Bio-clean room
 - (11) Tuberculosis and leprosy control in Japan
 - (12) Antibiotics, anti-viral and anti-fungal agents
 - (13) Blood-borne diseases
 - (14) Hepatitis
 - (15) Sexually transmitted diseases (STD)
 - (16) Isolation of patients
- 2) Visit to other facilities

5. FACILITIES AND INSTITUTIONS

The National Medical Centre Hospital

6. REMARKS

MANAGEMENT OF REAGENTS AND CULTURE MEDIA IN THE
DIAGNOSIS OF INFECTIOUS DISEASES 感染症診断の試薬及び培地の確保と管理

1. PERIOD

November 6, 1989 to May 24, 1990 (6.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- i) be nominated by their government
- ii) be a medical doctor or have a baccalaureate on Pharmacology, Agriculture, and Biology and at the same time, a manager of middle level or above. The work should be related to this training course.
- iii) have sufficient command of spoken and written English.
- iv) be in good health, both physically & mentally, to undergo the training. Pregnancy is regarded as a disqualifying condition for participation in the training.
- v) be no more than fifty (50) years old.

4. DESCRIPTION OF TRAINING

- i) Basic Lecture
 - Production of serum, antigen and toxin
 - Quality control of serum, antigen and toxin
 - Preparation of culture media
 - Control of infectious disease
- ii) Special lecture
- iii) Individual Training
 - Practical training and experiments on production and quality control of antiserum, antigen, and toxin
- iv) Field trips

5. FACILITIES AND INSTITUTIONS

- Education and Training Institute, Kumamoto National Hospital
- Kumamoto University Medical School
- Chemo-Sero-Therapeutic Research Institute
- Kumamoto Prefectural Institute of Public Health

6. REMARKS

1. PERIOD

August 14, 1989 to December 11, 1989 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Licenced physicians with occupational experience of more than 2 years in diagnosis and treatment of cancer
- 2) Under 35 years of age
- 3) Engaged in the same field after return to the country
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Outline of cancer control in Japan
 - *Fundamental research on cancer*
 - Clinical Pathology
 - Biochemistry and immunology
 - Endocrinology
 - Chemotherapy
 - Diagnosis and treatment of cancer
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

National Cancer Center

6. REMARKS

**EARLY GASTRIC CANCER DETECTION AND RELATED
DIGESTIVE TUMORS** 早期胃癌診断

1. PERIOD

January 15, 1990 to March 14, 1990 (2.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eighteen (18)

3. QUALIFICATIONS

- 1) *Graduates of a medical college or the medical department of a university*
- 2) *Practically experienced for more than 7 years, majoring in the diagnosis cancer, gastritis, ulcer and polyp of stomach and its adjacent region in the field of X-ray, endoscopy, biopsy, pathology or surgery*
- 3) *Under 45 years of age*
- 4) *Good working knowledge of English*

4. DESCRIPTION OF TRAINING

- 1) *Lectures and practical training*
 - *General radiology*
 - *Endoscopy*
 - *Histopathology*
 - *Chemotherapy*
 - *Echography*
 - *Diagnosis of cancer of the liver*
 - *Diagnosis of cancer of the pancreas, gallbladder and case studies*
- 2) *Observation tours*

5. FACILITIES AND INSTITUTIONS

Medical Association for Early Gastric Cancer Detection

6. REMARKS

ADVANCED MICROBIAL DISEASES 上級微生物病研究コース

1. PERIOD

August 28, 1989 to December 9, 1989 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- (1) be nominated by their governments in accordance with the procedures mentioned in B-2 below,
- (2) be College or University graduate or have the equivalent knowledge, and have studied for at least 5 years in their specialized field.
- (3) have a sufficient command of spoken and written English,
- (4) be under forty-five (45) years of age,
- (5) be in good health, both physically and mentally, to undergo the course of training. Pregnancy is regarded as a disqualifying condition for participation in the training.

4. DESCRIPTION OF TRAINING

The latest information and most advanced techniques in the field of Microbiology, Virology, Parasitology, Molecular Biology, Genetic Engineering, etc. will be provided through individual study, practical training, observation and study tours. This course is intended for senior researchers of microbial diseases who have experience of at least 5 years in their specialized field.

5. FACILITIES AND INSTITUTIONS

Research Institute for Microbial Diseases, Osaka University
3-1, Yamadaoka, Suita-shi, Osaka, 565 JAPAN
Tel.: (06) 877-5121

6. REMARKS

MICROBIAL DISEASES STUDY 微生物病研究

1. PERIOD

April 3, 1989 to March 17, 1990 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) College or University graduates or have the equivalent knowledge
- 2) Under 35 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
 - Bacteriology
 - Immunochmistry
 - Parasitology
 - Pathorogy
 - Microbial Genetics
 - Other related subjects
- 2) Observation and study tours

5. FACILITIES AND INSTITUTIONS

Research Institute for Microbial Disease, Osaka University

6. REMARKS

Applicants are requested to select "two" Dept. with specified subjects according to priority out of Subjects described on Information.

MEDICAL RADIOLOGICAL TECHNOLOGY 医療放射線技術

1. PERIOD

January 8, 1990 to July 23, 1990 (7 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) Senior high school graduates or the equivalent
- 2) Radiographers (radiological technologists) in radiography at medical organizations
- 3) Occupational experience of more than 2 years in radiography at medical organizations
- 4) Under 35 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

- 1) Orientation
- 2) Japanese language
- 3) Fundamental theories in radiography
 - Radiation physics
 - Photographic chemistry
 - Medical xray engineering
 - Radiation control & radiation measurement
 - Radiography technique
 - Radiation picture
 - Computer
 - Radiation diagnosis
- 4) Clinical practice on radiography
- 5) Practice at a private factory
- 6) Observations

5. FACILITIES AND INSTITUTIONS

- 1) College of Biomedical Technology, Osaka University
- 2) Osaka University Hospital

6. REMARKS

NATIONAL HEALTH ADMINISTRATION SEMINAR

衛生行政セミナー

1. PERIOD

April 1, 1989 to April 30, 1989 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fourteen (14)

3. QUALIFICATIONS

- 1) Medically qualified top ranking administrators of the national government in charge of health administration, or the equivalents in public institutions
- 2) In a position to participate in planning and deciding the national health administration policy
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture & Discussion
 - Health policy & Planning
 - Health Resources Development Management
 - Community Health
 - Infectious Diseases Control
 - Environmental Health & Hygienes
 - International Collaboration
- 2) Observation Tours
 - Observe the actual health services in the community

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Ministry of Health and Welfare
- 3) International Medical Foundation of Japan

IMPORT AND EXPORT FOOD INSPECTION 輸出入食品検査技術

1. PERIOD

August 28, 1989 to December 8, 1989 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experience of more than 3 years in the field of import and export food inspection.
- 2) Under forty (40) years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Discussion on Country Report, Programme Orientation, Evaluation Meeting and Closing Ceremony, etc.
- 2) Lectures
 - (1) Present situation of import and export food
 - (2) Food Sanitation Law
 - (3) Inspection system for import and export food
 - (4) Inspection system in domestic market
 - (5) Rejected cases of import and export food
 - (6) Food ingredient and its testing method
- 3) Practice
Chemical and bacteriological testing of import and export foods mentioned below by official method
 - (1) Marine products
 - (2) Canned food
 - (3) Confectionary
 - (4) Vegetables
 - (5) Packaging material
 - (6) Others
- 4) Observation of private and public facilities related to food inspection in and around Kobe
- 5) Study Tours

5. FACILITIES AND INSTITUTIONS

- 1) Hyogo International Centre (HIC), JICA
- 2) National Institute of Hygienic Sciences (Osaka), Ministry of Health and Welfare
- 3) Kobe Quarantine Station
- 4) Public Health Research Institute of Kobe

6. REMARKS

FOOD MICROBIAL CONTROL 食品微生物検査技術

1. PERIOD

January 8, 1990 to May 30, 1990 (5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experienced of more than 3 years in the field of food microbial control.
- 2) Under forty (40) years of age.
- 3) Good working knowledge of English.

4. DESCRIPTION OF TRAINING

- 1) Discussion on country report, programme orientation and evaluation meeting
- 2) Lectures
 - (1) Government organization and law concerned with food sanitation
 - (2) Contamination of Food
 - (3) Washing, sterilizing and disinfection
 - (4) Sanitary testing for food
 - (5) Bacteriological examination
- 3) Practice
 - (1) Measuring of colon bacillus
 - (2) Measuring of mold and yeast fungus
 - (3) Preparation of medium
 - (4) Bacteriological examination for food poisoning
- 4) Observation of private and public facilities related to food microbial control
- 5) Study Tours

5. FACILITIES AND INSTITUTIONS

- 1) Hyogo International Centre, JICA
- 2) Kobe Women's College of Pharmacy
- 3) Public Health Research Institute of Kobe
- 4) Kobe Quarantine Station
- 5) National Institute of Hygienic Science, Osaka Branch

6. REMARKS

MYCOTOXIN INSPECTION IN FOOD

輸出入食品マイコトキシン検査技術

1. PERIOD

From February 23, 1990 to May 28, 1990 (3 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

Applicants should:

- 1) be presently engaged in research work and have more than four (4) years of occupational experience in this field,
- 2) be university graduates or have the equivalent academic background.
- 3) have a sufficient command of spoken and written English,
- 4) be no less than thirty (30), and not more than forty (40) years of age.

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - i) Food Sanitation
 - ii) Laws and regulations on mycotoxin control
 - iii) Inspection of mycotoxin
 - iv) Isolation and analysis of mycotoxin
- 2) Experiment and practice
 - i) Inspection of fungi
 - ii) Analysis and quantitative method of mycotoxin
 - iii) Analysis of aflatoxin
 - iv) Analysis of fusarium mycotoxin
 - v) Analysis of other mycotoxin
- 3) Observation tour
 - i) Mycotoxin control in food processing plant

5. FACILITIES AND INSTITUTIONS

- 1) Public Health Research Institute of Kobe
- 2) Kobe Women's College of Pharmacy
- 3) Other Institutes juridical

6. REMARKS

PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS (SEMINAR)

寄生虫予防指導者セミナー

1. PERIOD

January 22, 1990 to February 18, 1990 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Senior Level Administrators or Experts in Government or Private Sector in Charge of Parasite Control
- 2) Medical or Other Related Professions
- 3) Under 55 years of age
- 4) Working Knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Presentation and Discussion
 - National Parasite Control Programme in Japan
 - Parasite Control Activities by Voluntary Organization
- 2) Country Presentation and Discussion
- 3) Presentation on the Epidemiological Aspect of Parasite Control
- 4) Demonstration of the Examination Method for Mass Examination and Treatment
- 5) Field Trip

5. FACILITIES AND INSTITUTIONS

Japan Association of Parasite Control

6. REMARKS

NURSING ADMINISTRATION 看護管理

1. PERIOD

Not conducted in 1989.

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) Completed Training Course in Advanced Nursing from 1976 to 1982, or Advanced Nursing Study Course for Southeast Asian Nurses from 1974 to 1983, or equivalent.
- 2) Presently engaged in nursing administration or expected to engage in future
- 3) A sufficient Command of spoken and written English and Japanese

4. DESCRIPTION OF TRAINING

- 1) Japanese Language
- 2) Lectures and practical training in Nursing Administration
- 3) Study Tours

5. FACILITIES AND INSTITUTIONS

The International Nursing Foundation of Japan (INFJ)

6. REMARKS

The course will be conducted in 1990.
(The course is conducted every other year.)

SPECIALIZED NURSING 専門看護

1. PERIOD

September 28, 1989 to July 26, 1990 (10 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

Applicants should:

- (1) be completed the fundamental nursing education programme of three years or more
- (2) have an experience in nursing practice for five (5) years or more and desirably have experienced, at least for one year, in the field of the specialized nursing which the participant is to apply for,
- (3) be under thirty-five (35) years of age
- (4) have a sufficient command of spoken and written English
- (5) be in good health, both physically and mentally, to undergo the training course, Pregnancy is regarded as a disqualifying condition for participation in the course

4. DESCRIPTION OF TRAINING

The purpose of the course is to offer promising nurses in the developing countries an opportunity to acquire advanced knowledge & technology of specialized nursing (ICC/CCU, Public Health Nursing) through lectures & field studies (on the job training) so as to enhance the quality of nurses and eventually to contribute to needs in the area of human resource development of the respective country.

5. FACILITIES AND INSTITUTIONS

The International Nursing Foundation of Japan

6. REMARKS

Japanese Language Course is arranged for three months.

1. PERIOD

August 24, 1989 to March 26, 1990 (7.4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Licensed nurses who have more than three (3) years of experience
- 2) Staff nurse (head nurses and chief nurses are not recommended)
- 3) Under the age of forty (40)
- 4) A sufficient command of both spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Common Programmes
 1. Japanese Language (2 months)
 2. General Orientation
 3. Emergency Nursing
 4. Nursing Care at Admission
 5. Observation (Tour)
- 2) Specialized Sub-Course Programmes
 1. Emergency Nursing Training Group
 - Surgical Ward (Including OPD)
 - ICU
 - CCU
 - Neurosurgery
 - Emergency Room
 2. International Medicine Nursing Training Group
 - Cardiovascular System
 - Digestive System
 - Respiratory System
 - ICU
 - Medical Ward (Including OPD)
 3. Surgical Nursing Training Group
 - Neurosurgery
 - Orthopedics
 - Operating Room
 - ICU
 - Surgical Ward (Including OPD)
 4. Maternal and Child Nursing Training Group
 - Obstetrics (Including NB)
 - Pediatric
 - NICU
 - OPD

5. FACILITIES AND INSTITUTIONS

- 1) Okinawa Prefectural Chubu Hospital
- 2) Okinawa International Centre (OIC), JICA

6. REMARKS

CARDIOVASCULAR DISEASES 循環器病対策

1. PERIOD

August 14, 1989 to December 14, 1989 (4.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) Licenced physicians authorized by their governments
- 2) Under 35 years of age
- 3) Occupational experience of more than 2 years in diagnosis and treatment of cardiovascular diseases
- 4) Engaged in the same field after return to their countries
- 5) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures
- 2) Discussions, observations, practices of laboratory examinations in each department or division
- 3) Observation tour

5. FACILITIES AND INSTITUTIONS

National Cardiovascular Centre, Ministry of Health and Welfare

6. REMARKS

Participants will be divided into Departments or Divisions in accordance with their interests and specialities to do more studies on diagnosis and treatment in respective Departments or Divisions. Applicants are requested to make their choice of two Departments and Divisions according to priority in the item "Requirements for Training" of Form A-3.

GASTROINTESTINAL PATHOLOGY 消化管病理学

1. PERIOD

August 28, 1989 to November 17, 1989 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Pathologist
- 2) University graduate or the equivalent academic background
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

This course consists of

- | | |
|-------------------------|---------|
| (1) General Orientation | 1 week |
| (2) Group Training | 5 weeks |
| (3) Individual Training | 4 weeks |
| (4) Observation Tour | 1 week |
| (5) Others | 1 week |

The following major subject will be covered in the course

- (1) Pathology of the stomach diseases and biopsy diagnosis
- (2) Pathology of the esophagus diseases and biopsy diagnosis
- (3) Pathology of the large bowel diseases and biopsy diagnosis
- (4) Pathology of the duodenum diseases and biopsy diagnosis
- (5) Pathology of the liver biopsy
- (6) Other Items
- (7) Individual Training on selected subjects

5. FACILITIES AND INSTITUTIONS

- 1) Institute of Basic Medical Sciences, The University of Tsukuba
- 2) Tsukuba International Centre, JICA

6. REMARKS

1. PERIOD

June 22, 1989 to March 26, 1990 (9.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experience of more than three years
- 2) Presently engaged in research work as a laboratory technologist in the field of public health
- 3) Under forty (40) years of age
- 4) Sufficient command of both spoken and written English

4. DESCRIPTION OF TRAINING

- | | |
|---|--|
| <ol style="list-style-type: none"> (1) General Orientation (2) Intensive Japanese Language (3) Group Training Programme <ul style="list-style-type: none"> - Programme Orientation - General Introduction of Okinawa - Study Tour (4) Individual Training Programme <ol style="list-style-type: none"> 1) Environmental Pollution <ul style="list-style-type: none"> - Water Pollution - Chemical and instrumental analysis of air pollution - Odor - Noise and Vibration 2) Food Chemistry <ul style="list-style-type: none"> - Qualitative and quantitative analysis of food additives - Detection of heavy metals in food - Analysis of drinking water - Detection of pesticide residues in food - Chemical approach to food poisoning 3) Infectious Diseases <ol style="list-style-type: none"> 3)-1 Diagnostic procedures for bacterial infections 3)-2 Isolation, identification and serological tests of <ul style="list-style-type: none"> - Enterobacteria - Vibrios - Leptospira - and Others 3)-3 Diagnostic procedures for viral infections 3)-4 Isolation and serological examination of <ul style="list-style-type: none"> - Arboviruses - Enteroviruses - Myxoviruses - and Others | <ol style="list-style-type: none"> 4) Medical Entomology and Parasitology <ol style="list-style-type: none"> 4)-1 Classification, identification, ecological observation and control of <ul style="list-style-type: none"> - Flies - Mosquitoes - Fleas - Lice - Ticks - Cockroaches - Rats and mice 4)-2 Laboratory examination and epidemiological investigation of <ul style="list-style-type: none"> - Malaria - Filaria - Intestinal parasite - Zoonosis 5) Venomous Snake Control <ol style="list-style-type: none"> 5)-1 Snake Venom and Antivenom <ol style="list-style-type: none"> (a) Fractionation of snake venom (b) Experimental production of snake antivenom <ul style="list-style-type: none"> - Immunization of animals - Purification of antibody (c) Assay of snake antivenom <ul style="list-style-type: none"> - Titration of antilethal units - Titration of antihemorrhagic units - Titration of antiswelling units 5)-2 Eradication of Venomous Snakes <ol style="list-style-type: none"> (a) Rearing and handling the snakes (b) Ecological survey of the snakes (c) Epidemiology of snake-bites (d) Removal of the venomous snakes |
|---|--|

5. FACILITIES AND INSTITUTIONS

Okinawa Prefectural Institute of Public Health

6. REMARKS

Applicants are requested to select desired subject from the training subjects mentioned below and fill in first and second choice subject in the A-3 Form

- (1) Environmental Pollution
- (2) Food Chemistry
- (3) Infectious Diseases
- (4) Medical Entomology and Parasitology
- (5) Venomous Snake Control

OCCUPATIONAL HEALTH 産業医学

1. PERIOD

August 14, 1989 to December 10, 1989 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Physicians or university graduates with more than three years professional or academic experience
- 2) Presently engaged or expected to be working on their return in this line
- 3) Under 40 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - The general principles of occupational health
 - The principles and methods of occupational epidemiology
 - Evaluation and control of work environment
 - Evaluation and management of work
 - Health care systems for workers
 - Occupational diseases
 - Occupational health in agriculture
- 2) Country Report Presentation
- 3) Group Seminars
 - Participants will be divided into three groups according to their interests in the field of occupational health.
- 4) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) University of Occupational and Environmental Health
- 2) Keihai Rosai Hospital

6. REMARKS

THEORY & PRACTICE IN THE METHODOLOGY OF POLIO
ERADICATION INITIATIVE 小児麻痺根絶計画の理論と実際

1. PERIOD

October 9, 1989 to December 3, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- i) be nominated by their government
- ii) be a medical doctor and at the same time, a manager of middle level or above who may be appointed to Polio Eradication Programme or an adviser. The work should be related to this training course.
- iii) have sufficient command of spoken and written English.
- iv) be in good health, both physically and mentally, to undergo the training. Pregnancy is regarded as a disqualifying condition for participation in the training.
- v) be not more than fifty (50) years old.

4. DESCRIPTION OF TRAINING

- i) Basic lecture
 - Virology, epidemiology, pathology, diagnosis and clinical features of poliomyelitis
 - Quality control of polio vaccine
 - Practice, record and analysis of surveillance and its feedback
- ii) Special lecture
- iii) Programme Management
 - Practical eradication methodology
 - Planning, execution and evaluation of the Eradication Programme
- iv) Case study
 - Analysis of history of the past eradication programmes
 - Elements needed for the success of polio eradication programme
- v) Simulation of field action, management of field programme
- vi) Field trips
 - Tokyo WHO Meeting

5. FACILITIES AND INSTITUTIONS

- Education and Training Institute, Kumamoto National Hospital
- Kumamoto University Medical School
- Chemo-Sero-Therapeutic Research Institute
- Department of Public Health and Hygiene, Kumamoto Prefectural Government

6. REMARKS

1. PERIOD

January 29, 1990 to October 3, 1990 (8 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Licensed physicians authorized by their government
- 2) Under 35 years of age, and have occupational experience of more than two years in pediatrics or pediatrics surgery
- 3) Engaged in the same field after return to their countries
- 4) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Japanese Language
- 2) Lectures
 - a) General Pediatrics
 - b) Pediatrics
 - c) Pediatrics Surgery

(All participants are requested to have lectures on selected subjects in Pediatrics and Pediatrics Surgery irrespective of their own speciality.)

- 3) Clinical Training on Diagnosis and Treatment

- a) Basic Training
- b) Pediatrics
- c) Pediatrics Surgery

(All Participants are requested to select either Pediatrics or Pediatrics Surgery.)

5. FACILITIES AND INSTITUTIONS

National Children's Hospital

6. REMARKS

RESEARCH FOR TROPICAL MEDICINE 熱帯医学研究

1. PERIOD

January 18, 1989 to September 29, 1989 (8.7 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Doctors or graduates from a department of biology, pharmacy or agriculture, or equivalent to this qualifications
- 2) Over twenty-four (24) and under forty (40) years of age
- 3) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

Research for Tropical Medicine
Pathology, Epidemiology, Parasitology, Virology, Bacteriology, Internal Medicine.

5. FACILITIES AND INSTITUTIONS

Institute for Tropical Medicine, Nagasaki University

6. REMARKS

BIOLOGICAL PRODUCTS TECHNOLOGY 生物製劑技術

1. PERIOD

August 31, 1989 to December 18, 1989 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) be college or university graduate or have the equivalent knowledge,
- 2) be under 35 years of age, and have occupational experience of more than three years in developing and manufacturing biological products,
- 3) be engaged in the same field after return to their countries,
- 4) have a sufficient command of spoken and written English,

4. DESCRIPTION OF TRAINING

- 1) Orientation 1 week
 - i) Briefing of rules and regulation of JICA
 - ii) Explanation of the training programme
 - iii) Introduction of Vaccine in Japan
- 2) Specialized Training (Individual) 10 weeks
- 3) Observation and study tours 1 week

5. FACILITIES AND INSTITUTIONS

The Research Foundation for Microbial Diseases of Osaka University

6. REMARKS

Specialized (Individual) Trainings are programed for the Vaccine Production and Control Tests on the following Subjects.

1. D.P.T
2. Measles
3. Japanese Encephalitis (J.E.)

1. PERIOD

April 24, 1988 to July 24, 1988 (3 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) be dentists who have three years' professional or academic experience or more in the field of academic institution, health administration or practice.
- 2) be presently engaged or expected to be working on their return in this line.
- 3) be not more than 45 years of age.
- 4) have significant command of spoken and written English.

4. DESCRIPTION OF TRAINING

- (1) Dental Care Delivery System and Dental Public Health Service in Japan.
- (2) Dental Care for Children and Adolescent
- (3) Dental Caries
- (4) Periodontal Disease
- (5) Prosthetics
- (6) TMJ Arthrosis
- (7) Oral Cancer
- (8) Cleft Lip and Palate
- (9) Dental Materials and Clinical Practices in the Up-To-Date Dental Medicine
- (10) Advancement in Basic Dentistry
- (11) Presentation of Out-come Acquired by Each Participant through the Course

5. FACILITIES AND INSTITUTIONS

Faculty of Dentistry
Kyushu University

6. REMARKS

No. 277

EMERGENCY/DISASTER MEDICINE (Seminar) 救急・大災害医療セミナー

1. PERIOD

November 5, 1989 to November 19, 1989 (14 days)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Executive doctor or administrator engaged in measures for emergency/disaster medicine and taking leadership in emergency medical institutions or medical administrative organizations
- 2) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Participation in the 17th annual meeting of the Japanese Association for Acute Medicine
- 2) Observations and discussions

5. FACILITIES AND INSTITUTIONS

- 1) JICA
- 2) Japanese Association for Acute Medicine

6. REMARKS

No. 278

MAINTENANCE ENGINEERING FOR MEDICAL EQUIPMENT

医療機器保守管理技術

1. PERIOD

August 21, 1989 to September 25, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) University of electrical and electronic technology graduates or have the equivalent academic background
- 2) Have a personal experience of maintenance on X-ray equipment
- 3) Have thorough knowledge of two-pulse X-ray generation and combined radiographic devices
- 4) Under forty (40) years of age
- 5) Have a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - General description of X-ray generator for medical use
 - Basic theory of two peak X-ray generator
 - General description on X-ray radiographic devices
 - Troubleshooting
 - Introduction to new technology in medical imaging field
- 2) Observation tour

5. FACILITIES AND INSTITUTIONS

Japan Association for the Advancement of Medical Equipments

6. REMARKS

**FAMILY PLANNING ADMINISTRATION FOR
SENIOR OFFICERS (SEMINAR)** 家族計画指導者セミナー

1. PERIOD

August 21, 1989 to September 18, 1989 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

- 1) Qualified in their respective fields
- 2) Directors or high-ranking officials responsible for family planning programmes of the governmental organizations, or equivalent in voluntary organizations
- 3) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Country Reports
 - a) Oral presentation of constraints on family planning administration
 - b) Paper presentation of general situation of national family planning programmes described with geographic, demographic and administrative and organizational informations
- 2) Topic discussion
 - Strategies relating to:
 - Recruitment and training of personnel
 - Information, education and communication
 - Community-based family planning programmes
 - International cooperation
- 3) Field study

5. FACILITIES AND INSTITUTIONS

Japan Organization for International Cooperation in Family Planning, Inc. (JOICFP)

6. REMARKS

COMMUNITY-BASED FAMILY PLANNING STRATEGY (SEMINAR)

家族計画組織活動セミナー

1. PERIOD

May 8, 1989 to June 11, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

- 1) Officers who are directly involved and responsible for community-based family planning programmes including Information, Education and Communication (IEC) activities of government or voluntary organizations at the central or provincial level.
- 2) Between 25 and 50 years of age
- 3) With sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Presentation and discussions
 - Mother and Child Health / family planning
 - IEC strategies
- 2) Field study

5. FACILITIES AND INSTITUTIONS

Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)

6. REMARKS

WELFARE

MENTAL RETARDATION 精神薄弱福祉

1. PERIOD

June 12, 1989 to December 16, 1989 (6.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Occupational experience of more than 3 years
- 2) Be not less than 26 years, and not more than 45 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and Practical training
- Various subjects involved in this field
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

Japan League for the Mentally Retarded (JLMR)

6. REMARKS

Japanese Language Course will be arranged for about two months prior to the course.

PROSTHETIC AND ORTHOTIC TECHNICIANS 補装具製作技術

1. PERIOD

July 24, 1989 to December 13, 1989 (5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Four (4)

3. QUALIFICATIONS

- 1) Five years or more practical experience in the production of prosthetic and orthotic devices
- 2) Be expected to become leaders in this field
- 3) Have not studied a similar subject abroad before
- 4) A sufficient command of spoken and written English or Japanese

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - a. Basic Medicine
 - b. Introduction of Prosthetics and orthotics
 - c. Functional Anatomy
 - d. Disability and Indication of Protheses and orthoses
 - e. Materials
- 2) Practical training
 - a. B/K Prosthesis
 - b. A/K Prosthesis
 - c. Upper Extremity Prosthesis
 - d. Upper and Lower Orthosis
- 3) Study Tour

5. FACILITIES AND INSTITUTIONS

National Rehabilitation Center for the Disabled

6. REMARKS

REHABILITATION OF PHYSICALLY DISABLED PERSONS

障害者リハビリテーション指導者

1. PERIOD

September 4, 1989 to October 22, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- (1) be nominated by their government
- (2) be a rehabilitation expert with experience of more than three years, such as social worker, rehabilitation consular, therapist, vocational skill instructor, teacher, workshop manager, and trainer in other fields of rehabilitation for physically disabled persons (except medical doctors and nurses),
- (3) have a sufficient command of spoken and written English,
- (4) be not less than twenty-five (25), and not more than forty (40) of age,
- (5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - Medical and Vocational Rehabilitation Services
 - Services for Disabled Persons Provided by Local Government
 - General School System and Special Education
 - Other Programmes
- 2) Individualized Training
 - Management of Sheltered Workshops
 - Rehabilitation Social Work
- 3) Observation Tour
 - Services of Prefectural Government
 - The Sports Meeting of Disabled Persons

5. FACILITIES AND INSTITUTIONS

Japanese Society for Rehabilitation of the Disabled

6. REMARKS

No. 284

LEADERSHIP OF PHYSICALLY DISABLED PERSONS

障害者リハビリテーション指導者(身体障害者コース)

1. PERIOD

August 21, 1989 to October 8, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) be nominated by their government
- 2) be a physically disabled person who has been leader of organization of disabled persons or groups with experience of more than three years,
- 3) have a sufficient command of spoken and written English,
- 4) be not less than twenty-five (25), and not more than forty (40) of age,
- 5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - Present situation of disabled persons in Japan
 - Service provided for the disabled in Japan
 - Disabled persons Movement
- 2) Individualized Training
 - Disabled person's organizations
 - Independent living activities
 - Disabled person's workshops.
- 3) Observation Tour
 - Disabled person's activities in local cities
 - The Sports Meeting of Disabled Persons

5. FACILITIES AND INSTITUTIONS

Japanese Society for Rehabilitation of the Disabled

6. REMARKS

No. 285

PUBLIC ADMINISTRATION OFFICERS ON
WOMEN'S AFFAIRS (SEMINAR) 婦人関係行政セミナー

1. PERIOD

September 4, 1989 to October 21, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Female
- 2) University graduates or equivalent
- 3) Presently engaged in public administration in women's problems with priority given to working women's problems at the governmental organization
- 4) Occupational experience of more than 5 years
- 5) Between 25 and 40 years of age
- 6) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
- Public administration on women's problems in Japan
- 2) Country Report Discussions
- 3) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Women's and Young Workers' Bureau, Ministry of Labour
- 2) Tokyo International Centre, JICA

6. REMARKS

INDUSTRIAL SAFETY AND HEALTH (SEMINAR) 労働安全衛生行政セミナー

1. PERIOD

October 2, 1989 to November 18, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eighteen (18)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in their respective fields
- 3) Occupational experience of more than 3 years
- 4) Between 25 and 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Role of governmental and non-governmental organizations in industrial safety and health
 - Methods of accident investigation and procedures of cause analysis and cost calculation

This seminar has two concentrations; the safety-oriented course and the health-oriented course, Nominees should indicate to which concentration he or she wants to apply.

- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Labour Standards Bureau, Ministry of Labour
- 2) Japan Industrial Safety and Health Association
- 3) Tokyo International Centre (Hatagaya), JICA

6. REMARKS

LABOUR-MANAGEMENT RELATIONS ADMINISTRATION (SEMINAR)

労使関係行政セミナー

1. PERIOD

October 26, 1989 to December 13, 1989 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) Middle class official in charge of industrial relations administration in the government organization
- 2) Under 45 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture and Discussion
 - Labour-Management Relations in Japan
 - Administration of Labour-Management Relations in Japan
 - Japanese Labour Legislation on Labour-Management Relations
 - Productivity Movements and Technological Innovation
- 2) Observation Tours
Observe the organizations and working scene of labour administration, trade unions
- 3) Country report presentation

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Labour Policy Bureau, Ministry of Labour
- 3) Japan Institute of Labour

6. REMARKS

No. 288

LABOUR STATISTICS FOR POLICY PLANNING (SEMINAR)

労働統計政策セミナー

1. PERIOD

June 22, 1989 to August 5, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) Presently engaged in labour statistics administration or expected to work in this field in future.
- 2) University graduates or the equivalent academic background
- 3) Not more than 45 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture & Discussion
 - Statistic System & Labour Administration
 - Employment and Unemployment Statistics
 - Wage Statistics
 - Industrial Accident and Injuries Statistics
 - Industrial Relations Statistics
 - Technique of Statistic Survey
- 2) Observation Tour

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Ministry of Labour

No. 289

EMPLOYMENT ADMINISTRATION (SEMINAR) 雇用行政セミナー

1. PERIOD

September 4, 1989 to October 14, 1989 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Presently engaged in policy-drafting in employment promotion administration in the governmental bodies
- 2) Over 30 years and under 45 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Present situation and recent problems in the field of *Employment Promotion in Japan*
 - Administration and system in the field of countermeasures against Unemployment and Man Power Development in Japan
 - Countermeasures to workers' welfare in Japan
 - Observation of various public institutions and organizations
- 2) Country report discussions
- 3) Observation trip

5. FACILITIES AND INSTITUTIONS

- 1) Employment Security Bureau, Ministry of Labour
- 2) Tokyo International Centre (Hatagaya), JICA

6. REMARKS

JICA