

## **APPLICATION FOR THE ADB-JSP PROGRAM (MASTER COURSE) AT SCHOOL OF INTERNATIONAL HEALTH, THE UNIVERSITY OF TOKYO**

School of International Health, The University of Tokyo, offers advanced research opportunities under the Asian Development Bank-Japan Scholarship Program (ADB-JSP) for overseas students from ADB member countries. Applicants for this program must be citizens or nationals of an ADB developing member country. The ADB-JSP at our school is designated for the Master's degree Program that usually lasts for two years and commences on 1<sup>st</sup> April every year. The language used in the program is English.

### **ADB MEMBER COUNTRIES ELIGIBLE FOR THE PROGRAM**

(1) Afghanistan (2) Armenia (3) Azerbaijan (4) Bangladesh (5) Bhutan (6) Cambodia (7) Cook Islands (8) Fiji (9) Federated States of Micronesia (10) Georgia (11) India (12) Indonesia (13) Kazakhstan (14) Kiribati (15) Kyrgyz Republic (16) Lao PDR (17) Malaysia (18) Maldives (19) Marshall Islands (20) Mongolia (21) Myanmar (22) Nauru (23) Nepal (24) Niue (25) Pakistan (26) Palau (27) Papua New Guinea (28) Philippines (29) Samoa (30) Solomon Islands (31) Sri Lanka (32) Tajikistan (33) Thailand (34) Timor-Leste (35) Tonga (36) Turkmenistan (37) Tuvalu (38) Uzbekistan (39) Vanuatu (40) Viet Nam

### **ADMISSION TO THE PROGRAM**

The applicants are evaluated by the School of International Health's Entrance Examination Committee, and distinguished applicants are nominated as candidates for the program and subsequently recommended to the Asian Development Bank. Admission to the ADB-JSP is finally granted to about three to five applicants.

To be eligible for admission to this program, applicants must:

1. Be a citizen or national of an ADB member country listed above
2. Have a bachelor's degree or its equivalent with a superior academic record. In Japan, an individual is required to be enrolled in school for at least 16 years in order to complete a bachelor's degree. For applicants who have obtained their master's degree in their home country and have completed it within 16 years, their master's level education may be considered as equivalent to a Japanese bachelor's degree. The bachelor's degree equivalence will be judged by School of International Health.
3. Have full-time professional working experience (the period of internship is not included) for at least two years in the field of health/medical science after graduation
4. Be aged below 35 years
5. Not be a military personnel
6. Be able to arrive in Japan between 1<sup>st</sup> and 10<sup>th</sup> of April 2025
7. Agree to return to his/her home country after completion of studies under the Program
8. Not be living or working in a country other than his/her home country
9. Have proficiency in oral and written English communication skills to be able to pursue studies
10. Be in good health.

\*Notice:

1. Applicants with less than two years of full-time professional work experience will not be selected.
2. Preference to women candidates.
3. Preference to applicants with lesser financial capacity (Family income should be not more than US\$50,000/per year, and individual income should not be more than US\$25,000/year).
4. The program will, in principle, not support applicants who have previously studied abroad.
5. The program will, in principle, not support applicants who are pursuing a second master's degree.
6. Executive Directors, Alternate Directors, management and staff of ADB, consultants, and relatives of the aforementioned are not eligible for the scholarship.
7. Executive Directors, Alternate Directors, management, and staff of the other international organizations are not eligible for the scholarship.

## **SCHEDULE**

Deadline for application (all the documents must be sent by email): 17:00 (JST), 30<sup>th</sup> June 2024  
Notification of preliminary selection by the School Committee: 31<sup>st</sup> August 2024  
Notification of final selection by the Asian Development Bank 30<sup>th</sup> November 2024  
\* Notification will be made as early as possible after completion of the selection process.

## **APPLICATION PROCEDURE**

- A) Please send each document (from No. 1 to No. 11 in the checklist) in a PDF file to both email addresses below.  
**adb@m.u-tokyo.ac.jp**  
**kaotanaka@m.u-tokyo.ac.jp**
- B) The name of each file should be the document number in the checklist, followed by the document name.  
e.g. 8. Family income.pdf
- C) Two evaluation reports and letters (12 in the checklist) should be uploaded by the recommenders to the designated weblink. The ADB-JSP Secretariat will provide weblink information to the recommenders after all application materials have been confirmed.

## **FINANCIAL AID**

The ADB-JSP scholarship covers admission and tuition fees, subsistence allowance (147,000 yen per month), economy-class airfare, and other expenditures, including medical/accident insurance.

## **EMAIL ADDRESS OF CORRESPONDENCE AND INQUIRIES**

Email: adb@m.u-tokyo.ac.jp, kaotanaka@m.u-tokyo.ac.jp

## **NOTICE**

1. Only successful awardees are requested to send all application documents by postal mail.
2. All documents you have submitted will not be returned.
3. Applicants cannot apply for both the ADB-JSP program 2025 and the Master's Program in the Graduate School of Medicine. If both applications are found in the admission process, they will be considered invalid.

## **GUIDE TO SCHOOL OF INTERNATIONAL HEALTH THE UNIVERSITY OF TOKYO**

School of International Health, one of 12 schools of the Graduate School of Medicine at the University of Tokyo, offers both Master's and Doctoral Programs. The academic year in the School begins in April and ends in March. For the Doctoral Program, it can also start in October and ends in September. It usually takes a minimum of two years to complete the Master's Program and three years for the Doctoral Program. Master's degree students who successfully accomplish their course work and submit their thesis will be granted the degree of Master of Health Science, and the Doctorate students whose dissertation is approved by our School Committee will be granted the degree of Doctor of Health Science or Ph.D. (Doctor of Philosophy).

Our school consists of six departments: Global Health Policy, Community and Global Health, Human Genetics, Developmental Medical Sciences, Human Ecology and Biomedical Chemistry. The applicants for ADB-JSP in our School can apply only for the Master Program and are requested to choose one department out of six that suits their interests.

Each department's research interests are listed below. For more information, please visit  
<<http://www.sih.m.u-tokyo.ac.jp/english/>> <<https://www.u-tokyo.ac.jp/en/>>

### **Department of Global Health Policy**

*Head: Professor Masahiro Hashizume, M.D., Ph.D.*

Our research interests cover most of environmental epidemiology including health impacts of global climate change and air pollution.

Current substantive research topics include:

1. Quantifying impacts and vulnerability due to climate variability and climate change
2. Effective adaptation strategies to reduce health impacts of climate change
3. Air pollution and mortality/ morbidity
4. Seasonality of infectious and non-infectious diseases
5. Applying remote sensing technologies to epidemiological studies

For details, visit <http://www.ghp.m.u-tokyo.ac.jp/>

### **Department of Community and Global Health**

*Head: Under election (to be updated soon)*

We conduct community-based health research in low-and middle-income countries and Japan by collecting original primary data at the community level (non-laboratory setting). Through such research, we intend to identify innovative health-related practices for people and health practitioners. We also aim to contribute to policy making and promote actions to improve health and well-being outcomes by making the best use of community-based research. Major topics of current research include:

1. Health, nutrition, and development;
2. Health, human rights, and human security;
3. Communicable and non-communicable disease control;
4. Health promotion;
5. Maternal, newborn, and child health.
6. Immigrant and refugee health
7. Health systems

For details, visit <http://www.ich.m.u-tokyo.ac.jp/en>

### **Department of Human Genetics**

*Head: Professor Akihiro Fujimoto Ph.D.*

1. - Genome and transcriptome analysis of patients with diseases using long-read sequencing technology.
2. - Development of bioinformatics methods for studies in disease and human genomics.
3. - Elucidation of molecular mechanisms behind diseases with epigenetic dysregulation.
4. - Cross-disciplinary research connecting epigenetics, DNA repair, DNA replication, and DNA recombination.

## **Department of Developmental Medical Sciences**

*Head: Professor Moi Meng Ling, Ph.D.*

Our department conducts studies on emerging and re-emerging viral infectious diseases of public health importance with aims on to develop better control measures for these diseases. Viruses of public health importance includes Dengue, Zika, Japanese encephalitis, SARS-CoV-2 and other pathogenic viruses. We aim to contribute to the overall community health by using a combination of traditional and cutting-edge approaches across different specialty fields including virology, immunity, genetics, clinical and field work.

Major research topics include:

1. Epidemiology, virological and molecular studies of the pathogenesis of tropical and emerging viruses
2. Development of diagnostic tools and bioinformatics methods to analyze viruses of regional concern
3. Host immune response during infection and elucidation of pathogenesis during viral infection
4. Vaccine and therapeutics development
5. Infectious disease in developmental biology and public health
6. Global challenges and factors affecting emerging infectious diseases

Each research topic is designed to answer global challenges in controlling infectious diseases, through innovative approaches and novel solutions and, in collaboration with our national and global counterparts.

## **Department of Human Ecology**

*Head: Professor Masahiro Umezaki, Ph.D.*

The field of human ecology encompasses a wide range of perspectives in an effort to understand human health in relation to adaptation to physical and social environments. To this end, we use methodologies developed in human biology, nutritional sciences, anthropology, demography, environmental health, and urban ecology.

The major topics of our studies include:

1. Health impact of exposure to heavy metals, air pollution, unhealthy urban structures, and ecosystem degradation;
2. The roles of gut microbiota in nutritional adaptation and the evolution of human populations;
3. Mitigation of the health impacts of aging and depopulation at community/national scales;
4. Biological and behavioral explanations of low fertility and fecundity during the post-demographic transition period;
5. Behavioral and nutritional adaptation of human populations in Asia and Oceania; and
6. Medical anthropology.

Related research fields include human biology, nutritional sciences, anthropology, demography, environmental health, and urban ecology.

For details, visit <http://www.humeco.m.u-tokyo.ac.jp/en/>

## **Department of Biomedical Chemistry**

*Head: Professor Tomoyoshi Nozaki, M.D., Ph.D.*

Our major research interests include elucidation of virulence mechanisms and metabolism of pathogens including protozoa, particularly *Plasmodium* spp. causing malaria, *Entamoeba histolytica* causing amebic dysentery, and *Leishmania donovani*, causing kala azar, and bacteria including *Mycobacterium tuberculosis*, as well as drug development against these infections. We mainly focus on vesicular and lipid trafficking, phagocytosis, autophagy, proteases, metabolisms, RNA maturation, translation, and organogenesis. Our research approaches are very robust, and include biochemistry, molecular and cell biology, live imaging, multi-omics including metabolomics, and reverse genetics. We always have several foreign students and guest researchers. We welcome you to our laboratory, full of international atmosphere. Our official language is English. Our present research themes include:

1. Molecular elucidation of pathogenesis of parasites
2. Biochemical and biological analyses of metabolism and organelles unique to parasites
3. Analysis of vesicular traffic, protein secretion, and phagocytosis/trogocytosis in parasites
4. Genome wide analysis and comparison of parasite strains
5. Drug discovery and development against infectious diseases including neglected tropical diseases, protozoan infections such as malaria and amebiasis, and tuberculosis
6. Elucidation of divergence of RNA maturation and translation

For details, visit <http://www.biomedchem.m.u-tokyo.ac.jp/>