

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 a citizen or national of a developing country among the ADB member countries. The ADB-JSP at our school is designated for the Master Program that usually lasts for two years and commences on 1st 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) Georgia (10) India (11) Indonesia (12) Kazakhstan (13) Kiribati (14) Kyrgyz Republic (15) Lao PDR (16) Malaysia (17) Maldives (18) Marshall Islands (19) Micronesia (20) Mongolia (21) Myanmar (22) Nauru (23) Nepal (24) Pakistan (25) Palau (26) Papua New Guinea (27) Philippines (28) Samoa (29) Solomon Islands (30) Sri Lanka (31) Tajikistan (32) Thailand (33) Timor-Leste (34) Tonga (35) Turkmenistan (36) Tuvalu (37) Uzbekistan (38) Vanuatu (39) Viet Nam

ADMISSION TO THE PROGRAM

The applicants are evaluated by the School 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 for about 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 only within 16 years, their master's level education may be counted as only be equivalent to a Japanese bachelor's degree. The bachelor's degree equivalent will be determined by the School of International Health
3. have full-time professional working experience for at least two years in the field of health/medical science
4. be aged below 35 years
5. not be military personnel
6. be able to arrive in Japan between 1st and 10th of April 2020
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 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 submitted): 31st May, 2019

Notification of preliminary selection by the School Committee: 30th June, 2019

Notification of final selection by the Asian Development Bank: 31st July, 2019

* Notification will be made as early as possible after completion of the selection process.

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.

ADDRESS OF CORRESPONDENCE AND INQUIRIES

Office of Director, School of International Health

Graduate School of Medicine, The University of Tokyo

7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Fax: +81-3-5841-3422 E-mail: adb@m.u-tokyo.ac.jp/kaotanaka@m.u-tokyo.ac.jp

NOTICE

If you send the application by International Express Service (DHL, UPS, FedEx, EMS etc.), please send to the following address.

Department of Community and Global Health, N-502, Faculty of Medicine Bldg. 3,

Graduate School of Medicine, The University of Tokyo

7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Tel: +81-3-5841-3698 Fax: +81-3-5841-3422 E-mail: adb@m.u-tokyo.ac.jp/kaotanaka@m.u-tokyo.ac.jp

PLEASE SUBMIT THE APPLICATION BY POSTAL AIRMAIL, NOT E-MAIL.

GUIDE TO SCHOOL OF INTERNATIONAL HEALTH THE UNIVERSITY OF TOKYO

The School of International Health, one of 12 schools of the Graduate School of Medicine at the University of Tokyo, offers both Master and Doctoral Programs. The academic year in our School begins in April and ends in March. For the Doctoral Program, it also starts in October and ends in September. It usually takes a minimum of two years to complete the Master Program and three years for the Doctoral Program. Master students who successfully accomplish their course work and submit their thesis will be granted the degree of Master of Health Science or Master of 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, Biomedical Chemistry, Human Genetics, Developmental Medical Science and Human Ecology. The applicants for ADB-JSP in our School can apply only for the Master Program and are requested to choose one department out of five (excluding Human Genetics for the year 2020) 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 Kenji Shibuya, M.D., DrPH.

Monitoring and evaluation through rigorous scientific approaches to the following areas of work:

1. Health system performance, health outcomes (mortality, morbidity and disability), health services, cost-effectiveness of interventions, resource flows, and impact evaluation, including contribution to the Global Burden of Disease (GBD) study;
2. Policy-relevant studies in the field of infectious disease epidemiology, including analysis and response to infectious disease outbreaks, estimation and forecasting of infectious disease epidemics, and optimization and evaluation of infectious disease control strategies using mathematical modeling techniques;
3. Applied quantitative analysis using mathematical modeling, simulation, and statistical computation;
4. Epidemiological studies on non-communicable, lifestyle-related diseases such as cancer, using a large-scale population-based cohort. Pooled analyses and cancer prevention research; and
5. Analysis of the relationship between disasters and health in an aging society.

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

Department of Community and Global Health

Head: Professor Masamine Jimba, M.D., Ph.D., M.P.H.

We conduct community-based health researches in Asian countries by collecting original primary data at the community level (non-laboratory setting). Through such researches, we intend to identify innovative health-related practices among 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.

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

Department of Biomedical Chemistry

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

Our major research interests include virulence mechanisms and metabolism of protozoa, particularly *Plasmodium* spp. causing malaria and *Entamoeba histolytica* causing amebic dysentery. We mainly focus on vesicular trafficking, phagocytosis, autophagy, proteases, amino acid metabolisms, RNA maturation, translation, drug development, 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 protozoan infections such as malaria and amebiasis
6. Elucidation of divergence of RNA maturation and translation

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

Department of Developmental Medical Sciences *Head: Professor Masashi Mizuguchi, M.D., Ph.D.*

1. Clinical, pathologic and genetic studies of acute encephalopathy associated with influenza and other infections: acute necrotizing encephalopathy (ANE) acute encephalopathy with biphasic seizures and late reduced reduction (AESD), acute encephalitis with refractory repetitive partial seizures (AERRPS or FIRES), and acute encephalopathy following enterohemorrhagic *E. coli*.
2. Translational researches on genetic diseases of child brain causing intellectual disabilities and developmental disorders, such as autism and AD/HD, using genetically engineered animal models of tuberous sclerosis complex (*Tsc1*^{+/-} and *Tsc2*^{+/-}), atypical Rett syndrome (*Cdkll*^{-/-}), and others.
3. Molecular epidemiologic studies of pediatric diarrheal diseases (rotavirus, norovirus, and many others), respiratory infections (influenza virus, RSV), and vertical infections (HIV, HSV, CMV, rubella virus) in Asia.

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

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/>