

# TOKYO MEDICAL AND DENTAL UNIVERSITY

Cultivating Professionals with Knowledge and Humanity,  
thereby Contributing to People's Well-being

OUTLINE

2015  
Tokyo  
Medical  
and  
Dental  
University



国立大学法人  
東京医科歯科大学

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# Tokyo Medical and Dental University's Vision

## Cultivating Professionals with Knowledge and Humanity, thereby Contributing to People's Well-being

Tokyo Medical and Dental University (TMDU) is located in the Yushima / Shoheizaka area, which is considered the sacred birthplace of scholarship and learning in Japan. As a comprehensive medical university, TMDU cultivates “professionals with knowledge and humanity” who embark on a lifetime of service, advancing the health and social welfare of people in the local community and spreading their wings to do the same in other communities across the globe.

### Education

We foster independent, creative, pioneering, and internationally-minded leaders who have a broad range of knowledge, deep humanity, and a strong sense of ethics.

### Research

We seek to gather wisdom from every field of learning in order to advance interdisciplinary and cutting-edge research that will ultimately contribute to the greater public good.

### Medical Care

We provide high-quality medical and dental care that nurtures the heart, mind, and body, not only for the local community, but also for the world.

Guided by these basic principles, all TMDU students, faculty, staff, and alumni endeavor to serve the diverse communities in which they work and study.

## TMDU's Educational Philosophies

- To provide students with a broad education and a rich sensibility
- To educate creative people capable of diagnosing and solving problems independently
- To train medical professionals with a rich international quality

The symbol of  
Tokyo Ikashika Daigaku  
(Tokyo Medical and Dental University)  
has the following meaning:



1. This symbol is designed to show the history of development of Tokyo Medical and Dental University. This shape represents the plum blossom ; it is the symbol of Yushima Tenjin (Yushima Shrine) which exists in the same location as the University. Tenjin is the God of knowledge.
2. The center circle of this symbol, the core of the flower, was the emblem of the former Tokyo Koto Shikaigakko (Tokyo National School of Dentistry) and the five petals around the core show the present university which has developed from that school.
3. The five petals express the Faculty of Medicine, Faculty of Dentistry, College of Liberal Arts and Sciences, Institute of Biomaterials and Bioengineering, and Medical Research Institute, and these five petals, which join together to make the flower bloom, represent the activity of the university.
4. The bold outline of these petals suggests further development and progress in the future.



Our university logo mark was designed based on the initial letters of Tokyo Medical and Dental University. It has following meanings:

1. By connecting the letters M and D, the logo mark implies fusion of Medicine and Dentistry.
2. Bold lines express confidence and strength which are the heritage of our university.



国立大学法人  
東京医科歯科大学

### Message from the President .....02

### Brief History, Organization

Brief History / Principals and Presidents .....	04
Management Structure.....	06
Education and Research Structure .....	08

### Graduate Schools, Faculties

Graduate School of Medical and Dental Sciences .....	10
Graduate School of Health Care Sciences .....	12
Biomedical Science PhD Program .....	13
Faculty of Medicine .....	13
Faculty of Dentistry .....	14
College of Liberal Arts and Sciences .....	15
Institute of Biomaterials and Bioengineering.....	16
Medical Research Institute.....	17
Institute for Library and Media Information Technology....	18
Student Support and Health Administration Organization / .....	19
Research University Promotion Organization	
Research and Industry-University Alliance Organization....	20
Sports Science Organization.....	21
Medical Hospital / Dental Hospital .....	22
Nationwide Joint-use Institutes / .....	25
Joint Institutes for Education and Research	
World University Rankings .....	26

### Current Projects

Educational Programs .....	27
Research Programs.....	28

### International Exchange

International Exchange Center.....	29
------------------------------------	----

Ghana-Tokyo Medical and Dental University .....	29
Research Collaboration Program	
Latin American Collaborative Research Center, .....	30
TMDU, Santiago, Chile	
CU-TMDU Research and Education Collaboration Center .....	30
in Thailand	
Alliance for Medical Education between Tokyo Medical and Dental University and .....	31
Partners HealthCare International, LLC.	
Student exchange program between Faculty of Medicine, Tokyo Medical and Dental University and .....	31
Faculty of Medicine, Imperial College of Science Technology and Medicine	
International Summer Program, ISP .....	32
Undergraduate Overseas Studying Awards .....	33
2014 Postgraduate Overseas Studying Awards .....	33
Studying Abroad during Project Semester .....	33
Overseas Affiliated Universities / .....	34
Achievements of Agreements	
Number of International Students .....	35

### Statistics

Number of Staff Members.....	36
Number of Graduate Students .....	37
Number of Undergraduate Students .....	38
Degrees Conferred .....	39
Grants-in-Aid for Scientific Research (Fiscal Year 2014)....	40
Entrusted Research Funds (Fiscal Year 2014).....	40
Grants-in-Aid for Scientific Research from Ministry of Health, Labour and Welfare .....	40
(Fiscal Year 2014)	

Endowed Departments .....	41
Joint Research Departments.....	41
Finances (Fiscal Year 2015 Budget) .....	41

### Campus and Access

Location of University Campuses and Buildings .....	42
Access .....	43
Campus and Access .....	44

and academia. I also want to strengthen interdisciplinary research collaboration through the regionalization of fields.

In pursuit of safe and reliable healthcare, we will further enhance the ongoing coordination between the Medical and Dental Hospitals. In order to achieve comprehensive healthcare, we will establish Clinics for General Medicine and strengthen cooperation between the clinics.

By strengthening IR functions we will reorganize the clinics and establish new ones under the president's leadership, as we endeavor to achieve integrated management of human and material resources.

From the time of President Ohyama, TMDU has actively engaged in international exchange and sought to make international contributions. In addition to the joint degree offered in Chile, we are pursuing a range of activities at our overseas offices in Thailand and Ghana. Currently the Faculty of Dentistry is taking the lead, but the Faculty of Medicine must also pursue international exchange and contributions through more active personnel development overseas. Besides our overseas offices, TMDU also must export its medical and dental educational curriculum to Southeast Asia and South America.

We also need to promote exchanges with medical schools in the United States in order to strengthen the international outlook of our undergraduates, graduate students, and young physicians. TMDU was selected this fiscal year as a Type-A Super Global University by the Japanese government, and as such we will be engaging in global health education at the worldwide level. I want to strengthen the departments with existing international connections and establish an integrated international organization in order to more effectively promote our international exchanges and contributions under the president's leadership.

However, I am also aware of the importance of contributing to regional healthcare. We are now conducting personnel exchanges with affiliated hospitals and enhancing hospital-clinic coordination through a cooperative organization utilizing ICT by networking with clinics in the Ochanomizu area. The unfortunate reality is that private clinicians around TMDU still see it as a university that specializes in research and education.

In the run-up to the 2020 Tokyo Olympics and Paralympics, we have established the Sports Science Organization in collaboration with the existing Center for Sports Medicine and Sports Dentistry and welcomed Koji Murofushi, Olympic gold medalist and sports science PhD, to our faculty as a professor of sports science. This enables us to offer total care to athletes. We have also expanded the ER in response to terrorist threats and boosted our foreign language support for care of foreign tourists and IOC members, in cooperation with other universities. In this way, we aim to play an active role based on TMDU's strengths.

Besides these plans, there are many issues that must be addressed with greater urgency, including improvement of incentives and working conditions for faculty and staff, and professional development for medical staff other than doctors. We will meet each of these requirements in accordance with the mission of TMDU.

Since I became president, I have striven to work in the spirit of my mottoes, "Do your best to be a positive thinker," and "If you know yourself, you can not be wicked."

out their own calling with an awareness of their role."

The management of TMDU consists in the creation of an environment in which all associated with TMDU can thrive, in accordance with the basic mission statement and under the leadership of the president. To enable the president to exercise leadership, I have appointed deputy directors under the executive directors and established a system in which the division of responsibilities and chain of command are clearly defined.

At the same time, to encourage sharing of information among executives and a sense of direct participation in the running of TMDU, the president has daily meetings with the executive directors, and the Strategic Planning Council meets every other week. In addition, a Policy Planning Office was set up to facilitate prompt implementation of leadership by the president, and this has enabled the president's ideas to be turned quickly into tangible form.

I have also reorganized office operations to eliminate redundancy, and I am working to improve personnel treatment and the work environment by boosting efficiency and introducing methods to evaluate the effort and performance of faculty.

I am strengthening the evaluation functions for all aspects of our institutional research (IR): teaching, medical care, research, administrative duties execution. I plan to implement data-based unified management of human and material resources.

The Faculty of Medicine was founded 71 years ago, and I believe it is necessary for us to establish consistent traditions for clinical medicine, basic research, education, regional healthcare, and international exchange. The Faculty of Dentistry has a tradition going back to its founding 87 years ago. In order to break out of the deadlock that dentistry faces, I want to expand the field of activity of dentists by establishing dental departments in affiliated hospitals, among other initiatives.

With regard to education, I am starting work on the establishment of an integrated educational organization that brings together on a university-wide level connections between high school and university, liberal arts education, undergraduate education, graduate school education, post-graduate education, and continuing education, while also implementing IR functions.

I intend to start discussions towards a more flexible educational system that will permit switching courses between the faculties of Medicine and Dentistry, as well as exchanges and transfers between the Four-University Alliance of TMDU, Tokyo University of Foreign Studies, Tokyo Institute of Technology, and Hitotsubashi University. There may be regulatory issues and so on that make this difficult to achieve in fact, but I want to pursue this actively to expand the opportunities for study and to improve personnel mobility.

To improve the strategic research system, it is necessary to strengthen cooperation between the medical, dental and engineering departments, and to work towards implementation of the Research University Promotion Organization through collaboration between the Research and Industry-University Alliance Organization and the TMDU-URA Office established under the program for promoting the enhancement of research universities. I hope to establish an Innovation Promotion Center to encourage the creation of startup companies nurtured by TMDU as well as increased collaboration among industry, government,



## To become a world-leading integrated medical university

I have been managing the operation of TMDU as president for one year. This fiscal year we completed the the second medium term targets and plan undertaken by the previous president, Takashi Ohyama, and I am currently drawing up our third medium term targets and plan.

I believe that it is important that the faculty and their families, the students and their families, and the alumni and their families share a common vision of the future of TMDU, that we all aim to achieve this vision, and that we cultivate a sense of pride in our alma mater by creating an environment in which each individual can realize his or her full potential. With this in mind, we have adopted a basic mission statement. (See the TMDU basic mission statement on the left page of the contents listing.) Entitled "Cultivating Professionals with Knowledge and Humanity to Contribute to Human Happiness," it evokes TMDU, which stands in Yushima in the tradition of the Shoheizaka

School, sacred site of scholarship and education, cultivating professionals with knowledge and humanity as an integrated medical university, spreading its wings from Tokyo to the world at large, and contributing to human health and social welfare. The knowledge stated here includes learning, technology, and self-identity, while humanity means culture, sensitivity, and communication ability that accepts diversity.

It goes on to advocate teaching that fosters "a broad education and a rich humanity, a strong sense of ethics, creativity and a pioneering spirit to solve problems independently, an international outlook, and leadership ability." Research should "gather knowledge from many fields of learning, promote study that is ahead of its time, and return its fruits to the broader society." The practice of medicine should "provide the community with high-quality healthcare to heal the mind and body." Finally, "based on this mission statement, all associated with TMDU should carry



Brief History / Principals and Presidents

Oct. 12, 1928	· Tokyo National School of Dentistry was founded.	May. 1989	· Laboratory for Biomedical Analysis was established. (closed in May. 1996)
Apr. 1944	· Tokyo Medical and Dental College was established.	Apr. 1992	· Dept. of Maxillofacial Rehabilitation established as a Core Departmente.
Aug. 1946	· Tokyo Medical and Dental University (The Former System) was established.	Apr. 1993	· Medical Research Division (Health Care Sciences) was established. · Human Gene Sciences Center was established. (reorganized in Apr. 2010)
Jun. 1949	· Medical Hospital and Dental Hospital were renamed from their respective predecessors.	Jan. 1995	· Information Center for Medical Sciences was established. (reorganized in Apr.2010)
Apr. 1951	· Tokyo Medical and Dental University (The New system), Faculty of Medicine and Faculty of Dentistry were established. · Research Institute for Dental Materials was established. · School of Nursing was established. (closed in Mar. 1991) · School for Dental Hygienists was established. (closed in Mar. 2005)	May. 1996	· Instrumental Analysis Research Center for Life Science was established. (reorganized in Apr.2003)
Apr. 1952	· School of Dental Technologists was established. (closed in Mar. 2014)	Apr. 1998	· General Isotope Center was established. (reorganized in Apr. 2003)
Apr. 1955	· Medical Research Division was established. · Dental Research Division was established. · Premedical and Predental Course was established in Faculty of Humanities and Sciences, University of Chiba. (closed in Mar. 1958)	Apr. 1999	· Graduate School was established. · Institute of Biomaterials and Bioengineering was established.
Apr. 1958	· Premedical and Predental Course was established at Kounodai Annex.	Apr. 2000	· Graduate School of Medical and Dental Sciences was established. · Graduate School of Allied Health Sciences was established. · International Student Center was established. (reorganized in Mar. 2009)
Apr. 1962	· School of Medical Technology was established. (closed in Mar. 1973)	Apr. 2001	· Graduate School of Health Care Sciences was established.
Apr. 1965	· College of Liberal Arts and Sciences was established.	Apr. 2002	· Center for Education Research in Medicine and Dentistry was established.
Apr. 1966	· Research Institute for Dental Materials renamed Institute for Medical and Dental Engineering.	Apr. 2003	· School of Biomedical Science was established. (closed in Mar. 2012) · Biomedical Science PhD Program was established. · Research Center for Frontier Life Science was established. (reorganized in Apr. 2010)
Apr. 1970	· Health Administration Center was established.	Sep. 2003	· Intellectual Property Division was established. (reorganized in Apr. 2011)
Apr. 1972	· Animal Research Center was established. (closed in Mar. 1991)	Apr. 2004	· In accordance with the National University Corporation Law, National University Corporation Tokyo Medical and Dental University was established. · School of Oral Health Care Sciences was established.
Sep. 1973	· Medical Research Institute was established.		
Apr. 1989	· School of Allied Health Sciences was established.		

Principals and Presidents

Tokyo National School of Dentistry  
Toru SHIMAMINE | Oct. 13, 1928 - Mar. 31, 1944

Tokyo Medical and Dental College  
Toru SHIMAMINE | Apr. 1, 1944 - Feb. 9, 1945

Tokyo Medical and Dental College  
Masaru NAGAO | Feb. 10, 1945 - Feb. 19, 1945

Tokyo Medical and Dental College  
Masaru NAGAO | Feb. 20, 1945 - Mar. 31, 1950

Tokyo Medical and Dental University (The Former System)  
Masaru NAGAO | Aug. 27, 1946 - Oct. 4, 1946

Tokyo Medical and Dental University (The Former System)  
Masaru NAGAO | Oct. 5, 1946 - Mar. 31, 1951

Tokyo Medical and Dental University (The New System)  
Masaru NAGAO | Apr. 1, 1951 - Jun. 30, 1961  
Masahiro OKADA | Jul. 1, 1961 - Feb. 29, 1968

Tokyo Medical and Dental University  
Keizo OTA | Mar. 1, 1968 - Mar. 15, 1968

Tokyo Medical and Dental University  
Keizo OTA | Mar. 16, 1968 - Oct. 8, 1969

Tokyo Medical and Dental University  
Fumihiko SHIMIZU | Oct. 9, 1969 - Sep. 17, 1970

Tokyo Medical and Dental University  
Fumihiko SHIMIZU | Sep. 18, 1970 - Sep. 17, 1974  
Yasuji KATSUKI | Sep. 18, 1974 - Jul. 31, 1977  
Hisashi YOSHIDA | Aug. 1, 1977 - Jul. 31, 1985  
Rokuro KANO | Aug. 1, 1985 - Jul. 31, 1991  
Hajime YAMAMOTO | Aug. 1, 1991 - Jul. 31, 1995  
Akio SUZUKI | Aug. 1, 1995 - Mar. 31, 2004

National University Corporation Tokyo Medical and Dental University  
Akio SUZUKI | Apr. 1, 2004 - Mar. 31, 2008  
Takashi OHYAMA | Apr. 1, 2008 – Mar. 31, 2014  
Yasuyuki YOSHIZAWA | Apr. 1, 2014 –

Apr. 2009  
· International Exchange Center was established.

Dec. 2009  
· Student Center was established.

Apr. 2010  
· Institute for Library and Media Information Technology was established.  
· Research Center for Medical and Dental Sciences was established.  
· Center for Experimental Animal was established.  
· Center for Interprofessional Education was established.  
· The Life Science and Bioethics Research Center became a permanent institution.

Apr. 2011  
· School of Oral Health Care Sciences (Oral Health Care Sciences, Oral Health Engineering) was established.  
· Research and Industry-University Alliance Organization was established.

Aug. 2011  
· The Tokyo Medical and Dental University Foundation was established.

Nov. 2011  
· Hospital Administration Planning Division was established.

Apr. 2012  
· Graduate School of Medical and Dental Sciences was established.  
· Support Office for Female Researchers was established.  
· Center for Sports Medicine and Sports Dentistry was established.

Feb. 2013  
· Bioresource Research Center became a permanent institution.

Apr. 2013  
· Center for Stem Cell and Regenerative Medicine was established.  
· Student Support and Health Administration Organization was established.  
· Health Administration Office for Employees was established.  
· Public Relations Division was established.

Oct. 2013  
· Research University Promotion Organization was established.

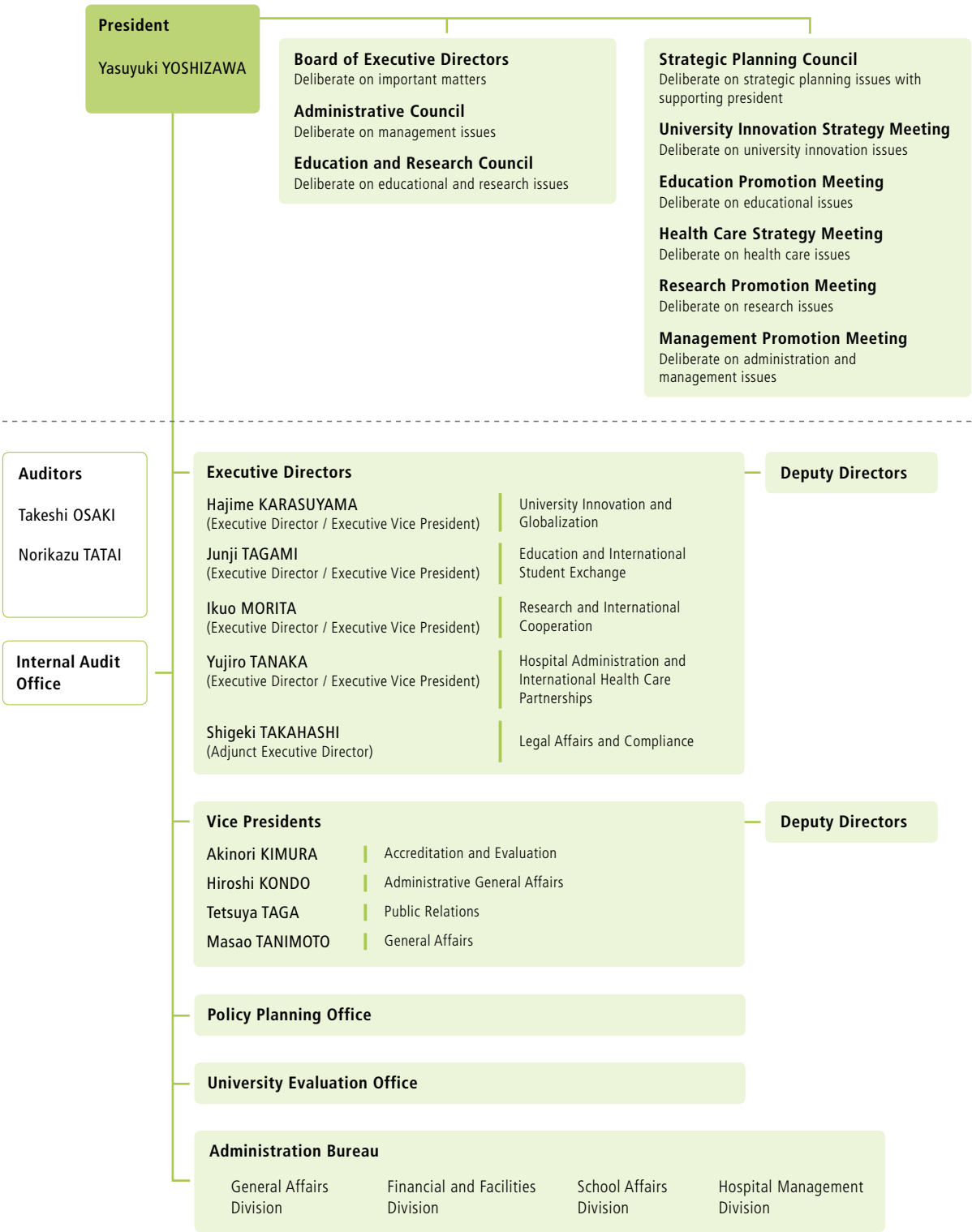
Apr. 2014  
· Nursing Innovation Science was established.  
· Cooperative Doctoral Course in Disaster Nursing was established.  
· Center for Brain Integration Research became a permanent institution.

Oct. 2014  
· Sports Science Organization was established.  
· Environmental Safety Office was established.

Apr. 2015  
· Hospital Management Division was established.



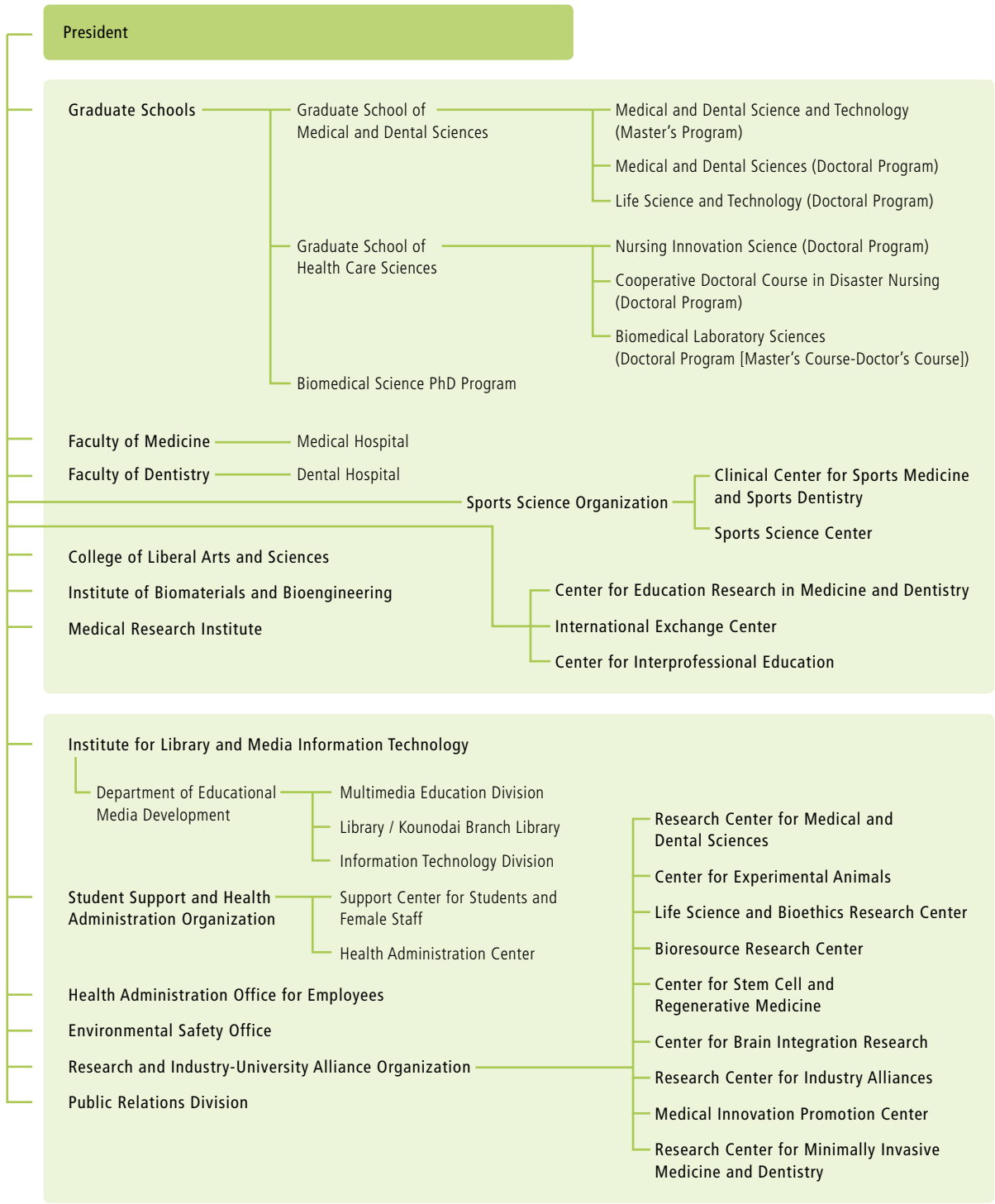
Management Structure



(as of May 1, 2015)



Education and Research Structure



### Graduate Schools

**Keiji MORIYAMA**  
Dean, Graduate School of Medical and Dental Sciences

**Yoshinobu EISHI**  
Vice Dean, Graduate School of Medical and Dental Sciences

**Hiroyuki KAGECHIKA**  
Vice Dean, Graduate School of Medical and Dental Sciences

**Minoru TOZUKA**  
Dean, Graduate School of Health Care Sciences

**Hiroyuki KAGECHIKA**  
Dean, Biomedical Science PhD program

### Sports Science Organization

**Yujiro TANAKA**  
Officer

**Kazuyoshi YAGISHITA**  
Director, Clinical Center for Sports Medicine and Sports Dentistry

**Koji MUROFUSHI**  
Director, Sports Science Center

### Health Administration Office for Employees

**Yasunari MIYAZAKI**  
Director

### Environmental Safety Office

**Takao HANAWA**  
Director

### Center for Education Research in Medicine and Dentistry

**Junji TAGAMI**  
Director

### Research and Industry-University Alliance Organization

**Ikuo MORITA**  
Officer, Research and Industry-University Alliance Organization

**Masataka NAKAMURA**  
Director, Research Center for Medical and Dental Sciences

**Masami KANAI**  
Director, Center for Experimental Animals

**Masayuki YOSHIDA**  
Director, Life Science and Bioethics Research Center

**Joji INAZAWA**  
Director, Bioresource Research Center

**Ichiro SEKIYA**  
Director, Center for Stem Cell and Regenerative Medicine

**Hitoshi OKAZAWA**  
Director, Center for Brain Integration Research

**Kaori IIDA**  
Director, Research Center for Industry Alliances

**Ryuji KOIKE**  
Director, Medical Innovation Promotion Center

**Kazuyuki KOJIMA**  
Director, Research Center for Minimally Invasive Medicine and Dentistry

### Faculty of Medicine

**Yoshinobu EISHI**  
Dean, Faculty of Medicine

**Masanobu KITAGAWA**  
Director, School of Medicine

**Taiko HIROSE**  
Director, School of Health Care Sciences

**Kazunori KIHARA**  
Director, Medical Hospital

### International Exchange Center

**Ikuko MORIO**  
Director

### Center for Interprofessional Education

**Kazuki TAKADA**  
Director

### Faculty of Dentistry

**Keiji MORIYAMA**  
Dean, Faculty of Dentistry

**Masato TAIRA**  
Director, School of Dentistry

**Tetsuya SUZUKI**  
Director, School of Oral Health Care Sciences

**Masahiko SHIMADA**  
Director, Dental Hospital

### Institute for Library and Media Information Technology

**Atsuhiro KINOSHITA**  
Director General, Institute for Library and Media Information Technology

**Atsuhiro KINOSHITA**  
Director, Multimedia Education Division

**Atsuhiro KINOSHITA**  
Director, Library

**Kazuyo KUROYANAGI**  
Director, Kounodai Branch Library

**Kozo TAKASE**  
Director, Information Technology Division

### College of Liberal Arts and Sciences

**Masao KIYOTA**  
Dean, College of Liberal Arts and Sciences

### Institute of Biomaterials and Bioengineering

**Yuji MIYAHARA**  
Director

### Medical Research Institute

**Fumitoshi ISHINO**  
Director

### Student Support and Health Administration Organization

**Yasunari MIYAZAKI**  
Officer, Student Support and Health Administration Organization

**Nobuhide HIRAI**  
Director, Support Center for Students and Female Staff

**Yasunari MIYAZAKI**  
Director, Health Administration Center

### Public Relations Division

**Tetsuya TAGA**  
Director

Graduate School of Medical and Dental Sciences

Human Resource Development Goals  
Master’s Program

This course is rooted in a systematic curriculum developed through the fusion of numerous fields, with the primary focus on medicine, dentistry, and life science and technology. The goals of the course are to inspire mutual cooperation in the various domains of life sciences and to develop capable educators, researchers, technicians, and other professionals in medicine, dentistry, and life science and technology who bring extensive knowledge and high ethical standards regarding human health and welfare to their work.

In detail, the Master of Medical Administration Course strives to effectively address today’s social needs pertaining to medical services, based on a curriculum structured to develop professionals who will excel in positions of leadership. Specifically, the course is designed to train individuals who will help establish social systems that supply increasingly efficient and superior patient-focused health care through the fields of medical administration and policy.

Master’s Program

Medical and Dental Science and Technology

Medical and Dental Science and Technology,  
Master of Medical Administration Course

Doctoral Program  
Medical and Dental Sciences

This course is devoted to developing researchers who are well-versed in specialized knowledge that spans both medicine and dentistry and who act as global leaders and cooperate closely with their counterparts in other fields; educators who are rich in spirit and have highly developed expertise in devising and implementing effective educational strategies; highly specialized medical professionals who have uncompromising ethical views and a passionate interest in research; and opinion leaders who will act as pioneers in a new and more progressive era.

Life Science and Technology

This program is designed to develop professionals who have comprehensive knowledge in the field of life science and technology. These individuals will attain high degrees of specialization and problem-solving abilities and bring their impressive educational background and global perspective to interdisciplinary fields positioned to fuse the various domains of life science and technology with disease research. In particular, the envisioned outcomes include the training of researchers who have advanced capabilities in the fulfillment of research objectives, educators who achieve distinguished levels of scholarship and possess an exceptional sense of humanity, and professionals who have the high-caliber management skills required for cutting-edge innovation in such fields as biotechnology and medical equipment development and who can flourish on the frontlines of the business world.

Doctoral Program

Medical and Dental Sciences

Oral Health Sciences

Oral Pathology  
Bacterial Pathogenesis  
Molecular Immunology  
Advanced Biomaterials  
Diagnostic Oral Pathology  
Oral Radiation Oncology  
Oral and Maxillofacial Surgery  
Oral and Maxillofacial Radiology  
Anesthesiology and Clinical Physiology  
Orofacial Pain Management

Pediatric Dentistry  
Orthodontic Science  
Cariology and Operative Dentistry  
Fixed Prosthodontics  
Pulp Biology and Endodontics  
Removable Partial Prosthodontics  
Oral Implantology and Regenerative Dental Medicine  
Organic Biomaterials  
Functional Materials

Maxillofacial and Neck Reconstruction

Plastic and Reconstructive Surgery  
Head and Neck Surgery  
Radiation Therapeutics and Oncology  
Maxillofacial Anatomy  
Cognitive Neurobiology

Molecular Craniofacial Embryology  
Cellular Physiological Chemistry  
Biodesign  
Maxillofacial Surgery  
Maxillofacial Orthognathics  
Maxillofacial Prosthetics  
Metals

Bio-Matrix

Cell Biology  
Medical Biochemistry  
Joint Surgery and Sports Medicine  
Biostructural Science  
Pharmacology

Connective Tissue Regeneration  
Biochemistry  
Cell Signaling  
Inorganic Materials  
Periodontology

Public Health

Global Health Promotion  
Environmental Parasitology  
Forensic Medicine  
Health Care Management and Planning  
Molecular Epidemiology  
Research Development  
Health Policy and Informatics  
Life Sciences and Bioethics  
Forensic Dentistry

Health Care Economics  
Dental Education Development  
Oral Health Promotion  
Sports Medicine and Dentistry  
Educational System in Dentistry  
Educational Media Development  
Insured Medical Care Management

Gerontology and Gerodontology

Geriatrics and Vascular Medicine

Rehabilitation Medicine  
Gerodontology and Oral Rehabilitation

Comprehensive Patient Care

Laboratory Medicine  
Intensive Care Medicine  
Liaison Psychiatry and Palliative Medicine  
Pharmacokinetics and Pharmacodynamics  
Medical Education Research and Development  
Acute Critical Care and Disaster Medicine

Clinical Oncology  
Dentistry for Persons with Disabilities  
General Dentistry  
Psychosomatic Dentistry  
Behavioral Dentistry  
Temporomandibular Joint and Oral Function  
Professional Development in Health Sciences

Cognitive and Behavioral Medicine

Neuroanatomy and Cellular Neurobiology  
Systems Neurophysiology  
Pharmacology and Neurobiology  
Molecular Neuroscience  
Neuropathology  
Ophthalmology and Visual Science

Otorhinolaryngology  
Neurology and Neurological Science  
Psychiatry and Behavioral Sciences  
Neurosurgery  
Endovascular Surgery  
NCNP Brain Physiology and Pathology

Bio-Environmental Response

Immune Regulation  
Molecular Virology  
Immunotherapeutics  
Cellular and Environmental Biology  
Biodefense Research  
Pathological Cell Biology

Pathological Biochemistry  
Pediatrics and Developmental Biology  
Rheumatology  
Immunology  
Dermatology  
NCCHD Child Health and Development

Systemic Organ Regulation

Human Pathology  
Physiology and Cell Biology  
Molecular Cellular Cardiology  
Molecular Medicine and Metabolism  
Stem Cell Regulation  
Molecular Pharmacology  
Stem Cell Biology  
Respiratory Medicine  
Gastroenterology and Hepatology  
Specialized Surgeries

Cardiovascular Medicine  
Anesthesiology  
Cardiovascular Surgery  
Nephrology  
Comprehensive Reproductive Medicine  
Urology  
Gastrointestinal Surgery  
Molecular Cell Biology  
Epigenetics  
Chronobiology  
Thoracic Surgery  
Igakuken Disease-oriented Molecular Biology

Advanced Therapeutic Sciences

Clinical Anatomy  
Systems BioMedicine  
Comprehensive Pathology  
Molecular Oncology  
Surgical Pathology  
Experimental Animal Model for Human Disease  
Signal Gene Regulation  
Biomedical Devices and Instrumentation  
Material Biofunctions  
Genetic Regulation  
Applied Gene Medicine  
Molecular Cytogenetics  
Biochemical Genetics  
Hematology  
Molecular Endocrinology and Metabolism

Hepatobiliary and Pancreatic Surgery  
Orthopaedic and Spinal Surgery  
Biofunctional Molecular Science  
Medical Instrument  
Biomechanics  
Biointerface Engineering  
Bioinformatics  
Structural Biology  
Diagnostic Radiology and Nuclear Medicine  
Disease Genomics  
Human Genetics and Disease Diversity  
Applied Regenerative Medicine  
JFCR Cancer Biology

Life Science and Technology

Life Science and Technology

Microbial Genomics and Ecology  
Biomedical Devices and Instrumentation  
Biomedical Information  
Bioelectronics  
Material-Based Medical Engineering  
Organic and Medicinal Chemistry  
Chemical Bioscience  
Medical Robotics  
Molecular Cell Biology  
Developmental and Regenerative Biology  
Immunology  
Epigenetics

Computational Biology  
Structural Biology  
Neuroscience  
Bio-informational Pharmacology  
Molecular Genetics  
Epigenetic Epidemiology  
RIKEN Molecular and Chemical Somatology  
Metallic Biomaterials  
Inorganic Biomaterials  
Organic Materials  
Therapeutic Genomics  
Genome Structure and Regulation  
Medicinal Chemistry  
NCC Cancer Science

Forensic Medicine and Dentistry

Forensic Medicine

Forensic Dentistry



Endowed Departments

Pharmacovigilance	Sleep Modulatory Medicine
Nanomedicine	Pediatrics, Perinatal and Maternal Medicine
Liver Disease Control	Organ Network and Metabolism
Cartilage Regeneration	Joint Reconstruction
Advanced Therapeutics for GI Diseases	Women’s Health
Orthopaedic Research and Development	

Advanced Surgical Technology Research and Development	Nutrition and Metabolism in Cardiovascular Disease
Preemptive Medicine and Metabolism	Cardiology and Regional Medicine
Arteriosclerosis and Vascular Biology	

Joint Research Departments

Translational Oncology	Advanced Medical Technology
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Graduate Schools

Graduate School of Health Care Sciences

Nursing Innovation Science—  
Human Resource Development Goals

Building on knowledge and techniques acquired in the undergraduate program, the Nursing Innovation Science aims to train high-level practitioners capable of working in an international and interdisciplinary environment by fostering scientific thinking alongside research, teaching, and applied capabilities, and instilling a broad perspective and high sense of ethics suitable for the healthcare and medical field.

Cooperative Doctoral Course in  
Disaster Nursing—Human Resource  
Development Goals

With nursing science as the basis, students work in concert and cooperation with related disciplines, undertaking research on the theory and application of science from the viewpoint of collaboration among industry, government and academia while delving deeply into the field of disaster nursing in particular. The Cooperative Doctoral Course in Disaster Nursing endeavors to produce disaster nursing practitioners, educators, and researchers with the ability to lead in an international and interdisciplinary environment as global leaders with high-level practical capabilities, capable of responding to and finding solutions for a wide range of challenges related to disaster nursing, with the aim of helping build a healthy human society and contributing to safety, peace of mind, and autonomy.

Biomedical Laboratory Sciences—  
Human Resource Development Goals

(1) Master’s Course

The Master’s Course builds on the knowledge and techniques learned in the undergraduate program, deepening the student’s scholarship in the field of specialization while fostering scientific thinking and research capabilities to produce medical professionals, researchers, and educators with a high sense of ethics.

(2) Doctor’s Course

The Doctor’s Course trains autonomous researchers with a broad perspective suitable for the healthcare and medical field who are capable of working in an international and interdisciplinary environment.

Doctoral Program

Nursing Innovation Science

Development Studies in Fundamental Nursing	Child and Family Nursing
Innovation in Fundamental and Scientific Nursing care	Reproductive Health Nursing
Innovation in Fundamental and Scientific Nursing Care	Home Care and End-of-Life Care Nursing
Health Promotion Nursing	Home Care Nursing
Community Health Nursing	End-of-Life Care and Oncology Nursing
Community Health Promotion Nursing	Leading Nursing System Development
Development Studies in Clinical Nursing	International Nursing System Development
Critical and Invasive Palliative Care Nursing	International Nursing Development
Critical and Invasive Palliative Care Nursing	Nursing System Management
Mental Health and Human Development Nursing	Gerontological Nursing and Care System Development
Mental Health and Psychiatric Nursing	Gerontological Nursing and Care System Development

Cooperative Doctoral Course in  
Disaster Nursing

Doctoral Program (Master’s Course-Doctor’s Course)

Biomedical Laboratory Sciences

Life Sciences and Bio-informatics	Moleculo-genetic Sciences
Biochemistry and Biophysics	Analytical Laboratory Chemistry
Anatomy and Physiological Science	Microbiology and Immunology
Biofunctional Informatics	Molecular Pathology
Biophysical System Engineering	Laboratory Molecular Genetics of Hematology
	Advanced Analytical Chemistry

Applied Laboratory Science

Analytical Laboratory Chemistry	Laboratory Molecular Genetics of Hematology
Microbiology and Immunology	

Graduate Schools

Biomedical Science PhD Program

Doctoral Program (Doctor’s Course)

Functional Biology

Faculties

Faculty of Medicine

School of Medicine

School of Health Care Sciences

Nursing Science

Medical Technology

Mission Statement

The Faculty of Medicine was established in 1951 and now consists of the School of Medicine and the School of Health Care Sciences. Subjects taught at the School of Medicine include Functional Morphology, Physiology and Pharmacology, Molecular Genetics, Infectious Immunology, Pathology, Environmental Social Medicine, Comprehensive Diagnostics, Internal Medicine, Pediatric Medicine, Neurology and Psychiatry, Surgery, Sensory Organ Sciences, Dermatology and Plastic Surgery, Female Medicine and Urology and Reproductive Medicine. School of Health Care Sciences includes two courses of Nursing Science and Medical Technology. Subjects of the former are Fundamental and Clinical Nursing and Community Health Nursing. Subjects of the latter are Laboratory Science and Laboratory Technology.

The School of Medicine and the School of Health Care Sciences welcome talented students who will become leaders in medical science and treatment not only in the future Japan but also in the future world. Furthermore, we seek students of lively imagination,

with deep consideration for others and with strong spirit for contribution to people’s welfare.

Based on the three fundamentals of educational philosophy of Tokyo Medical and Dental University (TMDU), all staff in the School of Medicine concentrate on training students to obtain academic and medical knowledge, high professional skills in clinical medicine, a researcher’s mind, a heart full of humanity, and excellent insights. We hope that many of our students will contribute to our and international societies.

The School of Medicine has been improving its educational curriculum in recent years, introducing a tutor system in problem-based medicine, the MD-PhD course, the TMDU-Imperial College (London) Student Exchange Program and other international exchange programs, the Harvard Medical School Externship program for 8-11 selected students every year, the project semester program for learning basic research for the 4th-year students, and clinical clerkship for the 5th- and 6th year students.

The philosophy of the School of Health Care Sciences is based on sound knowledge and a high moral and ethical standard. We aspire to the development and personal training of health care professionals who possess originality and creativity in their ideas. The school offers professional education in nursing science and laboratory science based on an interdisciplinary approach.

Currently running projects in the Faculty of Medicine include “Human Resource Development Plan for Cancer,” which is a training program for specialists in cancer in collaboration with Graduate School, “Program to Create an Infectious Diseases Research Center” which involves extensive research of emerging and re-emerging infectious diseases at the research center (Noguchi Memorial Institute for Medical Research) in Ghana, West Africa, and “Special Funds for Education and Research” which offers students medical education that meets the highest global standards.

Faculty of Dentistry

School of Dentistry

Mission Statement

The educational philosophy of the School of Dentistry is primarily to foster dentists who can promote and maintain health by faithfully providing comprehensive dental care and contributing to the development of dental medicine and service from a global perspective. We deem it our mission to educate dental students who have attained the following goals at the time of graduation:

- 1. Acquire a broad range of general knowledge and have wide experience, so as to become a dentist with a rich sense of humanity.
- 2. Understand scientific principles and concepts and acquire knowledge in bioscience.
- 3. Have an inquiring mind to enable the independent discovery of problems and the solutions thereto.
- 4. Acquire knowledge and basic skills necessary for the prevention, diagnosis and treatment of diseases in the oral and maxillofacial regions, based on a deep understanding of normal and pathologic general conditions.
- 5. Fully understand the importance of the role of dental medicine and dental care in society.

School of Oral Health Care Sciences

Mission Statement

The educational philosophy of the School of Oral Health Care Sciences is to promote professional leaders with kind and well-rounded humanity, based on knowledge and technology of oral health and welfare, who can contribute to society for people’s healthy and happy lives. The following goals are to be met by graduation:

- 1. Understand the dignity of life as well as scientific principles and concepts, and acquire knowledge in bioscience.
- 2. Respect fundamental human rights and acquire the ability to associate with people who understand the way other people feel and behave.
- 3. Understand the role and importance of oral health and welfare in society.

- 4. Understand various conditions of mind and body to acquire knowledge and utilize technology to promote oral health.
- 5. Acquire an inquiring mind and problem-solving ability and have the will to pursue lifelong learning.
- 6. Acquire the ability to act as a specialist of health, medical treatment or welfare.
- 7. Learn the ability to contribute internationally from the point of view of oral health.
- 8. Acquire high ethics as a medical professional with deep understanding of people and rich sensibilities.
- 9. Acquire the desire to contribute to society with advanced knowledge and the technical ability to be a “Manufacturing Specialist” who promotes QOL.

Medical and Dental Science and Technology, Graduate School of Medical and Dental Sciences

Lifetime Oral Health Care Sciences	Basic Sciences of Oral Health Care
Oral Care for Systemic Health Support	Basic Oral Health Engineering
Preventive Oral Health Care Sciences	Oral Biomaterials Development Engineering
Oral Health Care Science for Community and Welfare	Oral Prosthetic Engineering
Oral Health Care Education	

\*At the graduate level, only master’s programs are offered in the above nine departments.

College of Liberal Arts and Sciences

Mission Statement

To become health professionals and citizens who can contribute to a global society, students need to develop the intellectual capacity to appreciate diverse cultures and values, and the emotional capacity to understand and empathize with others. In addition, these students need to learn about ethical standards and improve their ability to communicate with others.

To develop such students is the responsibility of the College of Liberal Arts at TMDU, the only national university in Japan with a faculty of liberal arts. To serve our institution’s mission as a graduate university, we have the following aims for students in the College:

- 1. To develop as civic-minded professionals who can participate in a global society.
- 2. To develop the scientific and analytic mindset needed both to identify and solve problems.
- 3. To acquire the communication skills required to contribute to the global healthcare profession.
- 4. To acquire the strong foundation needed to support future study.

Human Sciences

Humanities and Social Sciences	Health Sciences and Physical Education
Philosophy	
History	
Literature	

Natural Sciences

Mathematics	Chemistry
Physics	Biology

Foreign Languages

English	Additional Foreign Languages
	German
	French
	Chinese
	Japanese



Hippocrates Hall



Champ de Causerie



Institute of Biomaterials and Bioengineering

Mission Statement

The Institute of Biomaterials and Bioengineering (IBB) was originally established in 1951 as the Research Institute of Dental Materials with the aim of developing innovative dental devices and materials. After being re-organized into the Institute for Medical and Dental Engineering in 1966, the Institute was given its present name in 1999. In 2012, the IBB took its present shape of having 4 large divisions consisting of 12 departments and the newly opened Medical and Dental Device Technology Incubation Center. Since its establishment, the IBB has been contributing to the development of biomaterials and medical devices as an international forerunner through the harmonizing of engineering and technological science with medical and dental sciences.

In particular, the IBB has been promoting three objectives in order to expand and deepen the basic science for biomaterials and bioengineering since 2004, when Tokyo Medical and Dental University was reorganized into a national university corporation, leading to the development of applied science and technologies for the advanced medicine and dentistry:

- 1. An inquiry into Nano-Bioscience for Advanced Medicine and Dentistry
- 2. The creation of Bio-Inspired Biomaterials for New Clinical Applications
- 3. The development of Bio-System Engineering for Advanced Medical and Dental Devices

While the research environment around us is drastically and rapidly changing, the IBB has been making continuous efforts to take a leading role as an international center of excellence of biomaterials and bioengineering.

Biomedical Materials

Metallic Biomaterials  
Inorganic Biomaterials  
Organic Biomaterials

Biofunctional Restoration

Material Biofunctions  
Material-based Medical Engineering  
Biomechanics  
Biodesign

Medical Devices

Bioelectronics  
Biomedical Information  
Biomedical Devices and Instrumentation

Biomolecular Chemistry

Medicinal Chemistry  
Chemical Bioscience  
Organic and Medicinal Chemistry

Endowed Departments

Acellular Biomaterials and Regenerative Medicine



Street view of the IBB

Medical Research Institute

Mission Statement

Our research focus is to tackle issues in medical science with the hope of contributing to the development of measures for patients who are suffering from intractable diseases. These disorders include metabolic, neurological, psychiatric, cardiovascular, loco-motor, immunological, genetic, infectious and neoplastic diseases. The pathophysiological bases of these diseases should be understood on the bases of molecular analyses of the malfunction and impaired regulation of homeostasis.

State-of-the-art science into the cellular and molecular mechanisms operating in the life of basic organisms as well as humans has been sought vigorously in our institute and this activity has been continuously expanding in recent years. This is reflected in our record of recent publications as well as the amounts of major grants obtained in the field of medical science including the participation of many staff members of our institute in the 21st Century COE program of our university. The strength of the Medical Research Institute also lies in its close ties with the newly commenced graduate school system. The number of young investigators in our institute has increased significantly and the new educational system has been attracting attention of the medical science society.

The activity of our institute has been international. We have established scientific ties with a number of overseas universities and institutions such as Harvard University in addition to the various international collaborations in our research activities, we have been accepting many visitors worldwide including scientists from major institutes.

International symposiums and seminars have been constantly held to provide cutting edge knowledge in medical science but also opportunities to establish relationship among young scientists and world top class investigators.

As the Medical Research Institute is growing in a number of respects as a young institution in the field of molecular medical science, we are welcoming everyone who is interested in joining us in our endeavor to seek for the clues to cure patients with intractable diseases in the future by unraveling the great mysteries of nature.

Advanced Molecular Medicine

Molecular Medicine and Metabolism  
Molecular Pharmacology  
Molecular Cell Biology  
Molecular Neuroscience  
Biodefense Research  
Bio-informational Pharmacology  
Stem Cell Regulation  
Structural Biology  
Frontier Research Unit Oxygen Biology  
Tenure Track Unit Cellular and Molecular Medicine

Pathophysiology

Neuropathology  
Pathological Biochemistry  
Pathological Cell Biology  
Developmental and Regenerative Biology  
Stem Cell Biology  
Immunology  
Molecular Pathogenesis  
Project Research Unit Stress Bio-Marker Research

Medical Genomics

Molecular Cytogenetics  
Molecular Genetics  
Molecular Epidemiology  
Biochemical Genetics  
Genomic Pathology  
Epigenetics  
Medical Science Mathematics  
Frontier Research Unit Gene Expression  
Project Research Unit Neuroinformatics

Integrative Research

Biosystem Generation  
Pathogenetic Regulation

Advanced Technology Laboratory

Genome Laboratory  
Laboratory of Cytometry and Proteome  
Laboratory of Recombinant Animals  
Laboratory of Anatomy and Cell Function  
Bioresource Laboratory  
Laboratory for Structure Analysis  
Stem Cell Laboratory



Genome Laboratory



Laboratory of Anatomy and Cell Function



Laboratory of Cytometry and Proteome



Bioresource Laboratory



## Institute for Library and Media Information Technology

### Mission Statement

The Institute for Library and Media Information Technology was established to collect, organize, manage, provide, and use publications and other essential materials with information on dentistry and medicine required for education, research, and studies at TMDU. It also strives to promote the development of educational media related to dentistry and medicine and the comprehensive use of information technology.

The way of using information in our university has changed greatly in tandem with advances in digitalizing academic data. As a core body for the institute responsible for handling academic information at TMDU, the institute continues changing in tune with the times, ensuring that we have the full spectrum of electronic materials required for research at TMDU, collecting publications that fulfill study requirements, and providing information systems to support the latest teaching methods. We also disseminate research results through research databases and repositories, improve the convenience by implementing the unified user authentication and the institutional composite portal site, and strengthen data security to the maximum extent.

### Department of Educational Media Development

The Institute for Library and Media Information Technology's faculty organization: It conducts research related to the development and use of computer simulation-based educational systems, and use of e-learning systems and educational media in medical and dental education.



Main Library (M&D Tower, 3F)



Collaboration Area in Branch Library (Kounodai)

### Library / Kounodai Branch Library

The TMDU libraries handle the following: Administration of specialized publications and periodicals related to dentistry and medicine (Main library) and liberal arts and sciences publications (Kounodai Branch Library), provision of electronic journals and publications and academic databases, provision of interlibrary loan (ILL) services, full range of services for library visitors and network users, maintenance of the libraries' environments, editing of the University and College of Liberal Arts and Sciences journals, and the curation of rare books.

(Fiscal Year 2014)

	<b>Main Library</b>	<b>Kounodai Branch Library</b>
	Weekdays 8:30 – 22:00 Holidays 10:30 – 18:30	Weekdays 9:00 – 20:00
Library Holdings	223,762	86,190
Floor Space	2,222m <sup>2</sup>	280m <sup>2</sup>
Seats	301	125
Visitors	143,663	19,843
E-Journals	8,787	—
E-Books	398	—
Data Base	14	—

### Information Technology Division

According to the sharp increase of demands on service and security in the academic information and communication infrastructure, Information Technology Division of the Institute for Library and Media Information Technology has been promoting the enhancement of performance and security of the University local area network and local servers, and implementing the unified user authentication and the institutional composite portal site.

In addition, the Division supervises technical aspects of the University WEB site, the individual database for researchers, and the University Repository.

### Multimedia Education Division

The division handles the following: ICT backup related to education at TMDU, including management and implementation and support for the use of Web Class, Net Academy, and other forms of e-learning for educational purposes; administration of computer-based testing (CBT) servers; management of PCs used for educational purposes; computer simulation education; data literacy education (document searches, copyrights, and data security); support for the recording, transmission, and simulcast of lecture videos; video content production; and provision of network environments within the libraries.

## Student Support and Health Administration Organization

Supporting students and women, promoting a healthy working environment, and planning welfare programs for students.

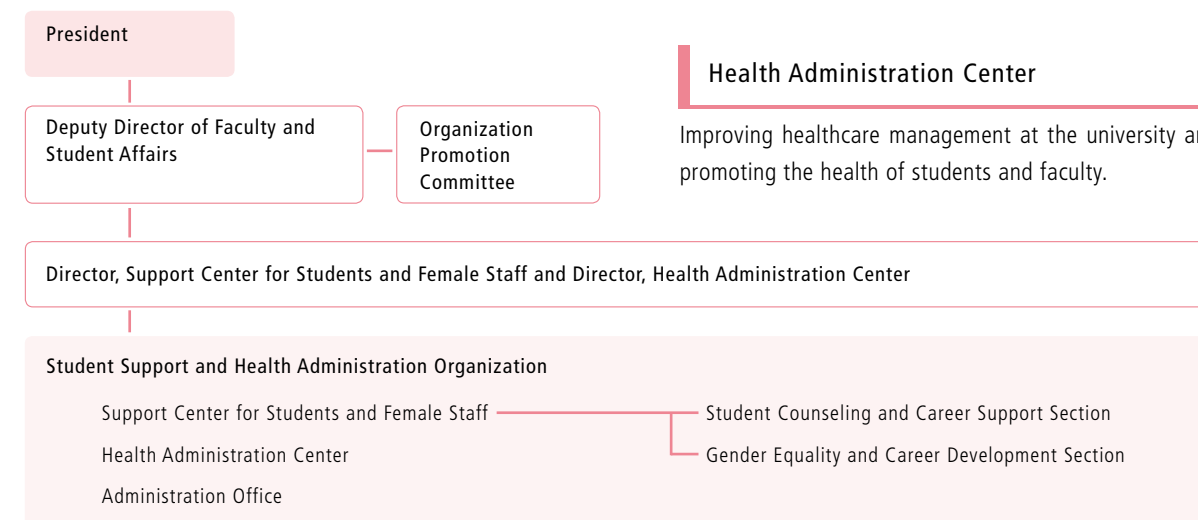
### Support Center for Students and Female Staff

The center supports staffs' and students' campus and work life - school work, career placement, mental health issues, harassment, career path, and school performance, as well as considering how to balance work and family.

The center also implements plans for supporting research activities and balancing work and life for female researches, including graduate students.

### Health Administration Center

Improving healthcare management at the university and promoting the health of students and faculty.

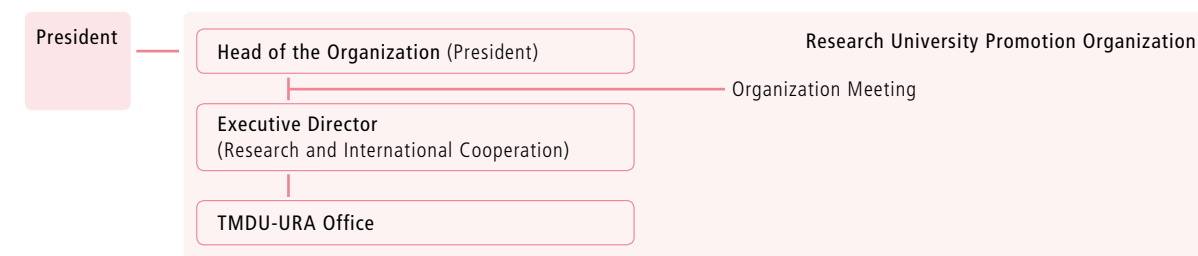


### Research & Industry Collaboration

## Research University Promotion Organization

To implement the goals of the Promotion Project for the Strengthening of Research Universities funded by the associated subsidies, this organization works to strengthen research at TMDU by effectively combining

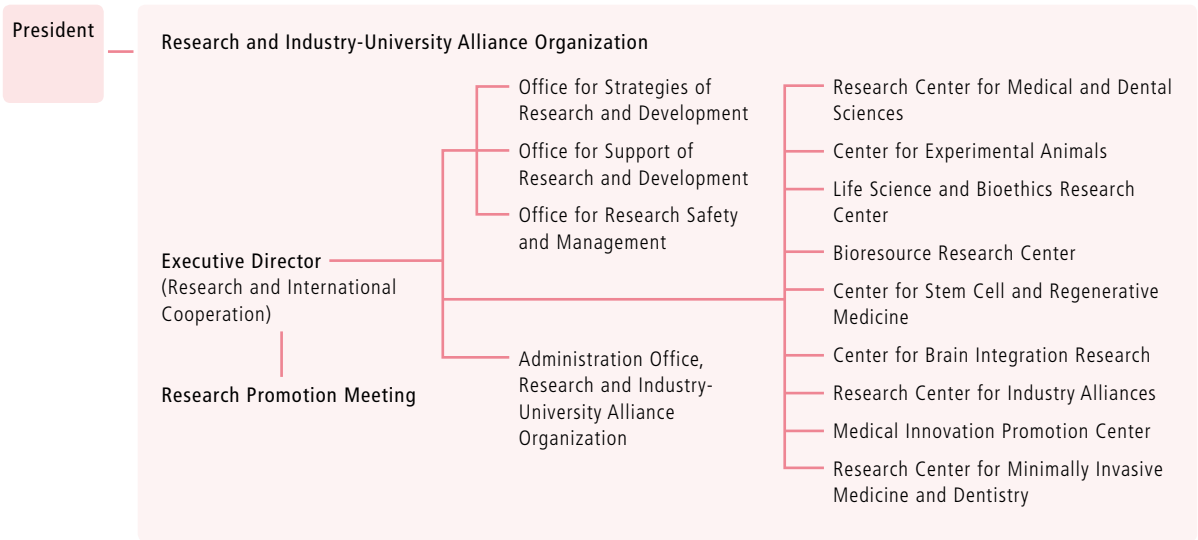
focused research environment reforms aimed at accelerating the pace of competitive research, establishing pioneering fields of research, and creating a world-class environment for research.



Research and Industry-University Alliance Organization

Supporting the promotion research activity, the planning of research activity and the creation / protection / management /exploitation of intellectual property. The

organization implements strategic and unified administration for the joint education and research facilities and advanced research centers under its umbrella.



Research Center for Medical and Dental Sciences

- Human Gene Sciences Research Division**  
Research and education of disease related genes.
- Instrumental Analysis Research Division**  
Development, research and education of the technology for advanced measurement and analysis. Promotion of individual utilization of shared analytical equipments and analysis service offer.
- General Isotope Research Division**  
Education and research on radiology and radioisotope medicine.
- Advanced Young Researchers Incubation Division**  
Promoting independent research opportunities for young researchers.

Center for Experimental Animals

Analysis and development of animal disease models and studies of animal care for medical use.

Life Science and Bioethics Research Center

Implementing bioethics education and supporting clinical research planning.

Bioresource Research Center

Banking tissue, serum and/or DNA from participants together with the clinical information to facilitate the translational research in the field of personalized medicine as well as future joint research between industry and academia.

Center for Stem Cell and Regenerative Medicine

Promoting translational researches and developing human resources for regenerative medicine.

Center for Brain Integration Research

To elucidate the functions that integrate the brain and the nervous system so as to help overcome neurological disorders, the Center undertakes comprehensive research at the molecular level, the level of cells and nerves, the level of higher brain functions, and the level of disease. In addition, the Center trains young researchers to conduct such research and thereby contribute to the development of future treatments.

Research Center for Industry Alliances

To invigorate the activities of TMDU, the center promotes alliances between industry and academe, both domestically and internationally, and supports the creation, protection, maintenance, management, and return to society of intellectual property.

Medical Innovation Promotion Center

Building on the high-quality research conducted at TMDU, the center disseminates the fruits of research to health-care professionals quickly and works to promote their development globally.

Research Center for Minimally Invasive Medicine and Dentistry

The center trains personnel to contribute to the development of minimally invasive treatments as well as promoting R&D and applied research on minimally invasive treatments.

Sports Science Organization

Mission Statement

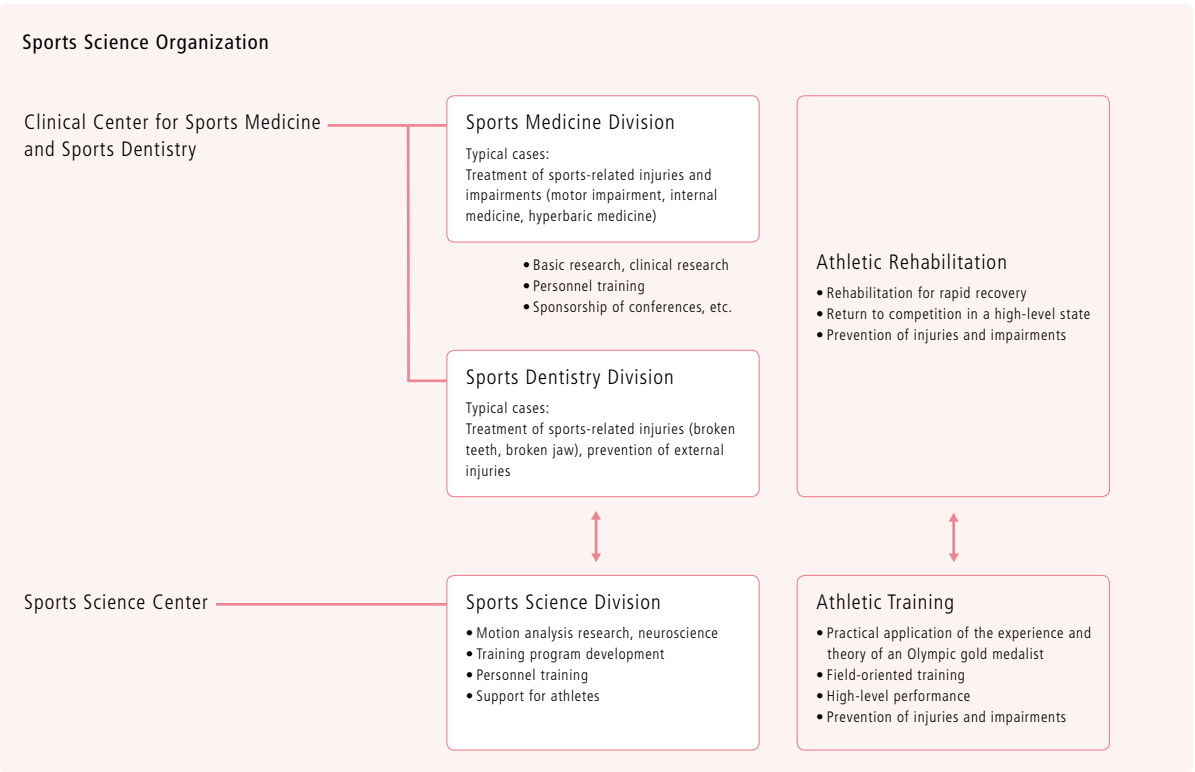
Based on sports medicine and dentistry, the organization promotes the prevention and treatment of sports-related injuries, impairments, and diseases, as well as R&D on advanced medical technology. It also promotes research based on sports science theory to develop technologies related to the care of athletes, performance enhancement, and training.

Physicians, dentists, physical therapists, and scientists from both centers work together, combining their expertise in sports medicine, dentistry, and science to deliver “total care” for athletes, boosting their competitive abilities, and helping extend their competitive careers competing at the top level. This fusion of medicine,

dentistry, and science is helping to solve problems in advanced areas of sports medicine and dentistry, and also being applied to R&D.

By working closely with organizations and research institutions, both domestic and international, to train personnel in the fields of sports medicine and dentistry, the organization hopes to serve as a Japanese base for education and research in these fields.

If the results of the activities of the organization become widely utilized in the medical and dental fields, the people of Japan will be healthier as a whole. In this way TMDU can contribute to the development of a society in which people live longer and healthier lives.



Medical Hospital / Dental Hospital

Mission Statement

The Medical Hospital is committed to providing excellent patient care as well as advanced medical technology to the community. The mission of the Dental Hospital includes developing world-class staff as well as providing excellent dental care tailored to individual patient’s needs. The success of these missions requires (1) the practical training of faculty, staff, students, and trainees and (2) innovative scientific research and breakthrough discoveries. Each member of Tokyo Medical and Dental University is devoted to accomplishing our missions by delivering high quality patient care, education, and research while respecting the human spirit.

Our ultimate goal is to provide the highest quality medical care and scientific knowledge in the future, which includes:

- 1. To provide patients with the best possible medical care and enable them to enjoy their daily life and health to the utmost extent.
- 2. To reduce the likelihood of illness with the application of new findings in preventive medicine and clinical studies.
- 3. To improve the cure rate of illness with the swift application of new findings from clinical trials.
- 4. To educate medical professionals who are sensitive to society’s needs.
- 5. To train medical professionals who can offer clinical



Medical Hospital (Medical Building A)

training for students in their internship in the TMDU teaching hospitals and other affiliated hospitals.

- 6. To develop medical educators and researchers who have vision for the future, and who can advance medical education and practice for coming generations.

In line with these general purposes, we have the following specific aims:

- 1. To provide a well-organized learning environment with multiple attending teaching staff and a variety of clinical experiences for undergraduate and post-graduate education.
- 2. To provide patients with safe and high quality medical care.
- 3. To develop cooperative relations with central hospitals in the Tokyo area, as well as establishing a support system for providing significant medical contributions to the global community.
- 4. To conduct collaborative studies including clinical trials with other affiliated hospitals, and widen the coverage of high quality medical care.
- 5. To promote an effective intercollegiate research environment and bring our intellectual resources in cuttingedge medical science to society.
- 6. To establish efficient and economical management of the hospitals and help bring medical security to the nation.



Dental Hospital (Dental Building South)

Medical Hospital Beds: 763

Hospital Departments

Department of Internal Medicine

Hematology	Gastroenterology and Hepatology
Rheumatology	Cardiovascular Medicine
Diabetes, Endocrinology and Metabolism	Pulmonary Medicine
Nephrology	Comprehensive Oncology and Palliative Care
Geriatrics	Medical Genetics

Department of Surgery

Esophageal Surgery	Hepatobiliary and Pancreatic Surgery
Gastric Surgery	Cardiovascular Surgery
Colorectal Surgery	Thoracic Surgery
Chemotherapy and Oncosurgery	Urology
Breast Surgery	Head and Neck Surgery
Pediatric Surgery	Acute Medicine
Peripheral Vascular Surgery	Diagnostic Pathology

Department of Sensory, Orthopaedic, and Dermatologic Medicine

Ophthalmology	Plastic and Reconstructive Surgery
Otorhinolaryngology	Orthopaedic Surgery
Dermatology	

Department of Pediatrics, Perinatal, and Women’s Medicine

Pediatrics	Perinatal and Women’s Medicine
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Department of Neurology, Neurosurgery, Psychiatry, and Anesthesiology

Neurosurgery	Psychiatry
Neurology	Psychosomatic and Palliative Medicine
Endovascular Surgery	Anesthesiology

Department of Radiology

Radiation Oncology	Diagnostic Radiology
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Trauma and Acute Critical Care Medical Center

Department of Insured Medical Care Management

Patient Safety Section

Division of Infection Control and Prevention

Central Clinical Facilities

Pharmacy	Sports Medicine Center
Clinical Laboratory	Intractable Disease Treatment
Surgical Center	Advanced Clinical Center for Rheumatic Diseases
Radiology Center	Advanced Clinical Center for Inflammatory Bowel Diseases
Transfusion Medicine	Advanced Clinical Center for Urologic Cancers
Rehabilitation Center	Advanced Clinical Center for Rare Neurological Diseases
Intensive Care Unit	Advanced Clinical Center for Head, Neck and Skull base Tumors
Materials Management	Cancer Center
Pathology	Nutrition Services
Endoscopy	Professional Development Center
Medical Informatics	Center for Personalized Medicine for Healthy Aging
Hemopurification	Quality Management Center
General Medicine	Perinatal Medicine Center
Medical Welfare and Liaison Services Center	
Clinical Research Center	
Hyperbaric Medical Center	
Medical Engineering Center	
Center for Cell Therapy	
Heart Rhythm Center	
Clinical Center for Pleasant Sleep	

Department of Nursing



Dental Hospital

Beds: 60    Chair Units: 317

Hospital Departments

Clinics for Dentofacial Growth and Development

Orthodontics    Pediatric Dentistry

Clinics for Conservation of Oral and Maxillofacial Function

Operative Dentistry and Endodontics    Periodontics    Orofacial Pain Clinic    Psychosomatic Dentistry Clinic    Temporomandibular Joint Clinic

Clinics for Oral and Maxillofacial Rehabilitation

Oral Surgery    Oral and Maxillofacial Malformation Clinic    Prosthodontics    Dental Clinic for Sleep Disorders (Apnea and Snoring)    Maxillofacial Prosthetics    Sports Dentistry    Speech Clinic    Dental Implant Clinic

Clinics for General Dentistry

Oral Diagnosis and General Dentistry    General Dentistry I    General Dentistry II    General Dentistry III    Ambulatory Anesthesia Service    Oral and Maxillofacial Radiology Clinic    Special Care Clinic    Dysphagia Rehabilitation    Fresh Breath Clinic    Cleanroom    Oral Health Care    Dental Allergy

Central Clinical Facilities

Clinical Laboratory    Dental Laboratory    Section of Clinical Safety Management    Section of Infection Control    Section of Clinical Information Management    Center for Advanced Dental Clinical Education    Center for Clinical Cooperation    Center for Dental Information    Center for Development of Devices and Drugs in Dentistry    Division of Surgical Operation    Dental Ward    Section of Central Supplies

Department of Pharmacy

Department of Nursing

Department of Dental Hygiene

Nationwide Joint-use Institutes

Center for Education Research in Medicine and Dentistry

Research on the Model Core Curricula in Medicine and Dentistry, educational evaluation methods, the accreditation in medicine and dentistry based on the global standard and other matters regarding the improvement of the Japanese educational system for physicians and dentists.



Left: Clinical Skills Laboratory I Training of medical procedure using a simulator (e.g. endoscopic surgery)  
Right: Clinical Skills Laboratory II Training of dental procedure using a simulator

Joint Institutes for Education and Research

International Exchange Center

To integrate affairs related to the international exchange area, and to support the school's promotion of international exchange.

Center for Interprofessional Education

Developing and promoting interprofessional education by compiling new undergraduate curricula in medicine and dentistry by utilizing university's educational resources in order to prepare future health professionals for the aging society's needs.

## World University Rankings

World university rankings are compiled by research organizations in the field of higher education, media outlets, and education and research institutions throughout the world by evaluating a variety of items such as the number of research papers published by persons affiliated with each university, academic awards received, and the ratio of instructors to students. These world rankings are then published.

TMDU hopes, by boosting its ranking among world universities, to help improve the international competitiveness of Japanese higher education.

Among the many rankings of world universities, those published by Times Higher Education and Quacquarelli Symonds are among the best known. TWDU’s performance in the rankings for 2014 is shown below.

Source: Times Higher Educations World University Rankings 2014-15  
QS World University Rankings 2014/15  
QS World University Rankings by Subject 2015

World University Rankings for 2014–2015: Overall — TMDU

	Among Japanese Universities	Among Universities Worldwide
THE World University Rankings	8	276-300
QS World University Rankings	12	294

QS World University Rankings: Overall — TMDU Scores by Item

Item (Share of Total)	Score
Evaluation of research by university instructors (40%)	18.7
Evaluation of education by employees (10%)	11.9
Number of instructors per student (20%)	100
Citations of papers per instructor (20%)	60.2
Foreign nationals as percentage of total instructors (5%)	5.4
Foreign nationals as percentage of total students (5%)	17.1

QS World University Rankings by Field 2015: TMDU

	Among Japanese Universities	Among Universities Worldwide
Medicine	4	101-150
Dentistry	1	6

QS World University Rankings by Field 2015: TMDU Scores by Item

Item	Score	
	Medicine	Dentistry
Evaluation of research by university instructors	70.1	100
Evaluation of education by employees	68.4	89.5
Citations per paper	79.3	79.9
h index (overall evaluation of number of papers and quality)	61.2	78.8

## Educational Programs

Top Global University Project (Type A)

Concept for cultivating human resources that can promote TMDU-type global health: Taking on the challenge of improving the level of health on the global scale	<b>Program Leader</b> <b>Hajime KARASUYAMA</b> Executive Director / Executive Vice President
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Program for Leading Graduate Schools

Disaster Nursing Global Leader Degree Program	<b>Program Leader</b> <b>Tomoko INOUE</b> Professor, Graduate School of Health Care Sciences
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Program for Promoting Inter-University Collaborative Education

Establishment of DPSC based on the Tokyo Consortium (DPSC: Disease Prevention Science Course)	<b>Program Leader</b> <b>Hiroyuki KAGECHIKA</b> Vice Dean, Graduate School of Medical and Dental Sciences
Standardization and Nation-wide Implementation of Responsible Conduct of Research Education (CITI Japan Project)	<b>Yoshinobu EISHI</b> Vice Dean, Graduate School of Medical and Dental Sciences

Go Global Japan Project (Project for Promotion of Global Human Resource Development (Type B))

Think Globally: Nurturing skills and perspectives of future healthcare professionals	<b>Program Leader</b> <b>Yujiro TANAKA</b> Executive Director / Executive Vice President
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Re-Inventing Japan Project

Inter-University Exchange Program toward Medical and Dental Networking in Southeast Asia	<b>Program Leader</b> <b>Junji TAGAMI</b> Executive Director / Executive Vice President
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New Paradigms - Establishing Centers for Fostering Medical Researchers of the Future

• (A) Fostering Human Resources for Producing Medical Innovation	<b>Program Leader</b>
Creating Medical Innovators - a Whole-brain Approach to Healthcare	<b>Yoshinobu EISHI</b> Vice Dean, Graduate School of Medical and Dental Sciences

Promotion Plan for the Platform of Human Resource Development for Cancer

Training program for cancer therapy promoting specialists of next generation	<b>Program Leader</b> <b>Yoshinobu EISHI</b> Vice Dean, Graduate School of Medical and Dental Sciences
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Fostering Global Physicians - Reform of Medical Education by Balancing Basic Research and Clinical Practice

• (A) Fostering Physicians in Basic Research for Coping with Advancing Sophistication of Medicine and Medical Care	<b>Program Leader</b>
Seamless Support for Cultivating World-class Researchers	<b>Yoshinobu EISHI</b> Vice Dean, Graduate School of Medical and Dental Sciences

• (C) Implementation of Medical and Dental Education Certification System

Establishment of Accreditation System for Medical Education in Japan based on the Global Standards	<b>Program Leader</b> <b>Yoshinobu EISHI</b> Vice Dean, Graduate School of Medical and Dental Sciences
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• (C) Implementation of Medical and Dental Education Certification System

Research on the establishment of dental accreditation system in Japan	<b>Program Leader</b> <b>Koji ARAKI</b> Professor, Center for Education Research in Medicine and Dentistry
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Problem-Solving Oriented Training Program for Advanced Medical Personnel

• Program 1: Human resources training for doctors and dentists 1-(1): Fostering doctors who have cross-sectoral treatment and management skills ①Healthcare quality management realm (Medical safety · Infection control)	<b>Program Leader</b>
Cultivating PDCA Medical Quality Manager	<b>Kiyohide FUSHIMI</b> Professor, Graduate School of Medical and Dental Sciences

1-(3): Fostering dental professionals who are devoted to developing a society of healthy thriving citizens	Program Leader
The Dental Education Consortium to promote healthy longevity	Keiji MORIYAMA Professor, Graduate School of Medical and Dental Sciences
• Program 2: Human resources training for medical staff (nurses, pharmacists) 2-(3): Fostering medical staff with leadership skills who can contribute to the delivery of team-based medicine ③Functional oral rehabilitation realm (dental hygienists, dental technicians)	Program Leader
The problem solving type training program: Development of medical resources who carry out inter-professional approach to realize the healthy and longevity society	Keiji MORIYAMA Professor, Graduate School of Medical and Dental Sciences

## Research Programs

Program for Promoting the Enhancement of Research Universities	Program Leader
TMDU program for promoting the improvement of research university	Ikuo MORITA Executive Director / Executive Vice President
Japan Initiative for Global Research Network on Infectious Diseases (J-GRID)	Program Leader
Strategic promotion of collaboratory research on infectious diseases between Ghana and Japan	Nobuo OHTA Professor, Graduate School of Medical and Dental Sciences
The MEXT Grant-in-Aid for Science and Technology Human Resources Development	Program Leader
Program to Disseminate and Secure the Tenure Track System	Ikuo MORITA Executive Director / Executive Vice President
Research Center Network for Realization of Regenerative Medicine • Centers for Clinical Application Research on Specific Disease / Organ (Type B)	Program Leader
Center for the development of cultured intestinal stem cell-based mucosal regeneration therapy for inflammatory bowel diseases	Mamoru WATANABE Professor, Graduate School of Medical and Dental Sciences
• Projects for Technological Development	Program Leader
Development of novel quality assurance technique applied to tissue-engineered medical products from iPS cells and somatic stem cells	Tomohiro MORIO Professor, Graduate School of Medical and Dental Sciences
• Highway Program for Realization of Regenerative Medicine [Field “B”] Projects targeting clinical study in the medium to long term	Program Leader
Meniscus Regeneration by Mesenchymal Stem Cells Derived from Synovium	Ichiro SEKIYA Director, Center for Stem Cell and Regenerative Medicine
Brain Mapping by Integrated Neurotechnologies for Disease Studies	Program Leader
Integrated connectome researches of neurodegenerative diseases	Hitoshi OKAZAWA Professor, Medical Research Institute
Basic Science and Platform Technology Program for Innovative Biological Medicine	Program Leader
Development of third generation DNA/RNA heteroduplex oligonucleotide	Takanori YOKOTA Professor, Graduate School of Medical and Dental Sciences
Core-to-Core Program • A. Advanced Research Networks	Program Leader
Center of international research platform for biomedical science and drug discovery against intractable diseases	Research and Industry-University Alliance Organization  Hiroyuki KAGECHIKA Professor, Institute of Biomaterials and Bioengineering

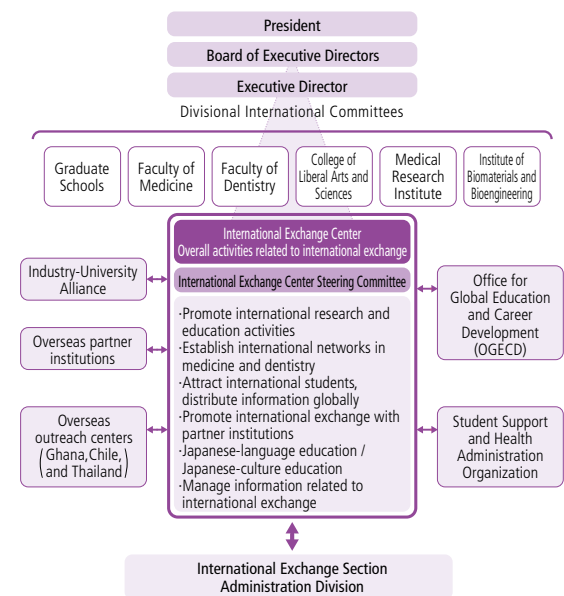
## International Exchange

## International Exchange Center

In April 2009, the TMDU International Student Center (ISC) was reorganized, given many new responsibilities, and rechristened as the “International Exchange Center”, or IEC. One of the newly assumed tasks of the IEC is to facilitate and coordinate the international activities of the various divisions of the university. While each division of TMDU has been actively engaged in international exchange in the past decade, it was decided that it was necessary to set up unified procedures and promote coordination for the most effective implementation of our international endeavors. The IEC is thus expected to set up a system which will enable the leadership of the university to readily use and refer to necessary information on international activities and former international students as part of their decision-making.

Encouraging promising students and young researchers to attend TMDU is another important activity of the IEC. We organized our first International Summer Program (ISP) in September 2009, and have held ISPs annually ever since. The number of ISP participants who have become graduate students at TMDU is steadily increasing.

The IEC will continue to support and implement an array of activities to promote TMDU’s international profile.



## Ghana-Tokyo Medical and Dental University Research Collaboration Program

### Role of TMDU for development of medical cooperation between Japan and West-African sub-region

Dr. Hideyo Noguchi, the eminent Japanese microbiologist, died of yellow fever in 1928 in Ghana. His activities are the basis of the tight collaboration between Ghana and Japan, especially in the field of medical sciences. Since the establishment in 2008, the Ghana-TMDU Research Collaboration Center has been expected to have more profound roles in expanding research exchanges between Japan and West Africa.

Soon after the Center was established, TMDU dispatched two experts to implement research on HIV/AIDS, African trypanosomiasis and on malaria-transmitting mosquitoes. Research on mosquito-transmitted diseases was added to our project in 2012. In 2015, new Governmental Agency for promoting medical research, Japan Agency for Medical Research and Development (AMED), was established. Our center joined to AMED activities, and research targets have been changed to the followings; dengue-chikungunya fever, diarrheal diseases, and drug development from Ghanaian medicinal plants. Thus, our center was slightly modified, but the basic concept of our activities is again to make contribution to health and welfare of both

Ghanaian and Japanese people. It is planned to dispatch two researchers from TMDU to Ghana to implement the collaborative activities.



Activities for exchanges between Ghanaian and Japanese staff.

It is said that West African sub-region is the hot spot of infectious diseases in the world. It is beneficial to share protocols and information about infectious diseases between Ghana and Japan. The recent notable episode of endemic diseases in West Africa was reemergence of Ebola hemorrhagic fever, which is a disease of high mortality rate. It was one of our activities to collect information and/or support diagnostic activities by the Ghanaian colleagues. Although Ebola epidemic was limited in the three countries, many people in the world felt that Ebola was endemic in all areas in the sub-region. For controlling infectious diseases, the most essential matter is to collect exact information. Ghana-TMDU Collaboration Center should take a role to release reliable information not only to Japan, but also to the World.

Together with the above activities, TMDU was awarded to have Governmental program to invite PhD students from Africa, and our center accepted visiting of young Japanese researchers/students. The Center is, thus, expected to promote more intense medical exchanges between Ghana and Japan,

and we believe the Ghana-TMDU Research Collaboration Center will prove to be a gate for mutual collaboration in medical sciences and human development between Japan and Africa.



Research seminar given by a TMDU student at Noguchi Institute.



## Latin American Collaborative Research Center, TMDU, Santiago, Chile

### TMDU Supports a National Project of Chile: Aiming for Early Detection and Treatment of Colorectal Cancer

The Latin American Collaborative Research Center (LACRC) was established in 2010 by an agreement between TMDU, the Ministry of Health of Chile, and Clínica Las Condes (CLC), the most advanced hospital in Chile.

Two TMDU professionals — endoscopists — are concentrating their work at LACRC on advancing a national colorectal cancer screening project and cancer research.

Until May 2014, 10,575 participants from three cities, including Santiago de Chile, Punta Arenas, and Valparaíso, were involved in this screening program and cancer was detected in 107 individuals (1.01%) and about 3/4 of them were intramucosal carcinoma and were removed by using endoscopy. The endoscopists who will participate in the national project will be trained at the Chilean-Japanese Institute for Digestive Diseases of Hospital Clínico San Borja Arriarán in Santiago, and TMDU will give each trainee that successfully completes the course a certificate that will allow participation in the relevant national program.

In a related project, TMDU has been collaborating with the Ministry of Public Health of Ecuador since 2012. Every August, TMDU professors visit Quito and provide a one-day TMDU-

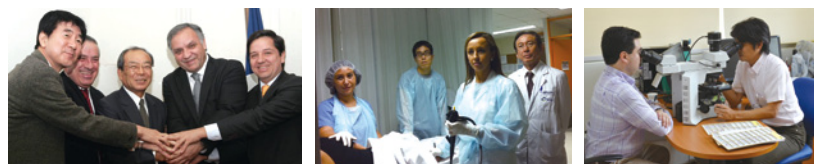
sponsored conference on digestive diseases. In addition, LACRC staff members visit Quito several times a year to provide a one-week training course at the Pablo Arturo Suarez national hospital. Furthermore the Ministry of Public Health of Ecuador has expressed strong interest in our colorectal cancer screening project, and plans to start a training course in August 2015 if the budget money is secured. Other than Ecuador, TMDU supports an ongoing colorectal cancer screening promotion project in Brazil since 2013 with the support of the Ministry of Economy, Trade and Industry of Japan.

Another important connection between TMDU and South America is that six 4th year TMDU medical students are sent each year to CLC and the University of Chile for a 5-month internship. These internships began in 2010, and a total of 28 students have thus stayed in Chile as researchers during their project semester. To be sure, the students enjoyed the culture, food, and climate that Chile has to offer as well as the work they were able to do in the lab. Also, TMDU plans to start a Joint Degree Program with University of Chile from 2016 and LACRC supports part of administration work.

Left: Signing the agreement between the Ministry of Health of Chile, CLC, and TMDU.

Middle: A colonoscopy training at Hospital Clínico San Borja Arriarán (Santiago, Chile) by Dr. TSUBAKI, Dr. ODAGAKI, visiting doctors from TMDU

Right: A training of the procedure for pathologic diagnosis by Dr. KAWACHI, a visiting doctor from TMDU.



## CU-TMDU Research and Education Collaboration Center in Thailand

### Joint Degree Program between CU and TMDU

Tokyo Medical and Dental University (TMDU) and Chulalongkorn University (CU) have agreed to open a joint degree program on Dental Science in 2016. On May 12, 2014 Joint Degree Program committee was formed and the members often discussed the detail schedule and the contents of PhD curriculum. It is expected that students of this joint degree program will become leaders of dental science in Southeast Asia, as well as in Japan.

TMDU conducted a health seminar and dental consultation for Japanese residents in Thailand at Bangkok General Hospital with co-sponsorship from Bangkok General Hospital on May 31, 2014. In the health seminar, Prof. Yasunari Miyazaki, Director of the Office of Student Support and Health Administration Organization, Junior Associate Professor Tatsuo Kawamoto from Maxillofacial Orthognathics, and Dr. Thiravud Khuhaprema, Visiting Professor of TMDU and Director of Cancer Center of Bangkok Hospital gave presentations. The dental consultation was also conducted by TMDU dental staffs and JDAT members on the same day.

In the fiscal year of 2014, four medical, eight dental and two allied health science students, two Ph.D. students in Clinical Biochemistry and Molecular Medicine, totally sixteen students from CU, visited TMDU and

participated in medical/dental training programs. From TMDU three medical and three dental and five health care sciences and one from graduate school of health care sciences and three students from graduate school of medical and dental sciences, totally fifteen students, participated in medical research project or dental training programs in CU. These young student exchange programs will be expected to establish a medical and dental network in Southeast Area.



Left: Discussion about Joint Degree Program at CU-TMDU center  
Right: Students participated in Dental Training Program in Thailand

## Alliance for Medical Education between Tokyo Medical and Dental University and Partners HealthCare International, LLC.

TMDU has had an alliance with Harvard Medical International since 2002 for medical education; since 2012, Partners HealthCare International (PHI). One of the chief missions of this alliance has been to create a new model of medical education in Japan in order to meet the various needs and challenges we face in the 21st century.

Partnering with PHI has allowed our students and faculty access to the educational resources and expertise of Harvard Medical School and Harvard School of Dental Medicine. PHI and TMDU have organized a “leadership in education” program every year for the past 12 years that has been tailored to tackle ongoing problems or projects at TMDU. A total of 158 faculty members have participated in the programs and planned, developed, and implemented a wide variety of new learning methodologies into TMDU’s curricula. These include, but are not limited to, hybrid programs integrating basic and clinical sciences, patient-doctor courses, participatory clinical clerkship, and medical and dental

integrated learning.

This alliance with PHI also gave TMDU students opportunities to participate in clinical clerkships at Harvard Medical School affiliated hospitals. Since 2004, four to ten highly motivated and qualified students have been selected every year and, after six to nine months of preparatory training, have spent two to three months doing clerkships with Harvard students. Studying together with Harvard students and others from high-tier medical schools throughout the world, TMDU students have acquired sophisticated clinical skills and approaches, had hands-on learning experience of the American healthcare system, and acquired a global mindset.



## Student exchange program between Faculty of Medicine, Tokyo Medical and Dental University and Faculty of Medicine, Imperial College of Science Technology and Medicine

### Imperial College London

Imperial College London is a science-based university founded in 1907, which has consistently rated among the top three universities of the United Kingdom and in the world’s top 10 by various world university rankings. The exchange program between TMDU and Imperial College London was launched in 2004, and four to five medical students from each institution have travelled and engaged in three- to five-month research activities every year. The program has been very productive with participants gaining valuable experiences, leading this program to become very popular and competitive in both institutions.

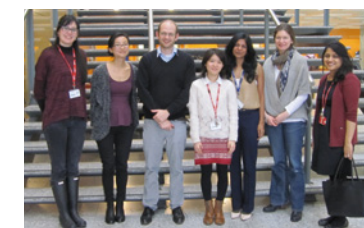
### From Tokyo to London

Each year, four to five highly motivated and qualified fourth-year TMDU medical students have been selected and spent the entire five months of their project semester period at Imperial College London. By engaging in research at world renowned labs and working with researchers and students with diverse cultural and educational backgrounds, students learned methods in

scientific inquiry, acquired/sophisticated logical and critical thinking skills, information and data acquisition skills, academic writing and communicating skills, understood cultural sensitivity, and built networks with current and future world leaders in health sciences.

### From London to Tokyo

As partial fulfillment of the BSc degree at Imperial College London, four to five medical students per year have come and engaged in research in various labs at TMDU. Participants not only enjoyed learning the methods of scientific inquiry and research, but also enjoyed learning Japanese culture and networking with TMDU faculty staff and students.



## International Summer Program, ISP

To introduce TMDU to the world and attract top international students, especially from Asia, TMDU has held an annual International Summer Program (ISP) from 2009. Each year, the ISP includes lectures by invited overseas leading researchers and TMDU professors, an international symposium, and poster presentations by invited participants as well as TMDU international students.

The theme of the sixth ISP (August 25–28, 2014) was “Ageing and Metabolism.” The ISP2014 Working Group was chaired by Dr. Yoshihiro OGAWA. Thanks to the leadership of Dr. OGAWA and the support of the members of Working Group, the invited speakers, and the TMDU speakers, ISP2014 was a major success.

Twenty-five participants from 17 Asian countries and regions were invited to ISP2014. We are glad to report that several students who participated in ISP are now TMDU graduate students. As ISP has evolved, the participants have been given more opportunities and a greater amount of time to visit laboratories and communicate face-to-face with potential future advisers at TMDU. TMDU professors were very keen to meet invited students even though ISP was held during the summer holidays. The opportunity for TMDU and ISP participants to get to know each other has helped us recruit excellent international students. The number of invited students for ISP who were later admitted to TMDU is increasing.

ISP2009	76 applicants, from 15 countries or regions 35 invited participants, from 11 countries or regions
ISP2010	96 applicants, from 16 countries or regions 26 invited participants, from 14 countries or regions
ISP2011	69 applicants, from 16 countries or regions 23 invited participants, from 14 countries or regions
ISP2012	68 applicants, from 16 countries or regions 24 invited participants, from 10 countries or regions
ISP2013	75 applicants, from 17 countries or regions 25 invited participants, from 16 countries or regions

ISP2015, the seventh annual ISP, will be held August 28 – September 3, 2015 under the direction of Dr. Junji TAGAMI, Executive Director / Executive Vice President of Education and International Student Exchange as the ISP2015 Committee Chair. More program hours will be spent in laboratory visits, and, in addition, a student-organized symposium will be held for the first time from August 29 to 30. As in previous years, ISP2015 will provide the opportunity for productive exchanges between the TMDU professors/students and the ISP participants. Also, the “Special Selection for ISP International Student PhD Program” will be held for the fourth year. Under this program, ISP2015 participants will be able to take an entrance examination for TMDU’s Graduate School on the first day of ISP2015 (August 28).

ISP2014 Invited Students / Researchers

Country / Region	Applicants			Invited participants		
	M	F	Total	M	F	Total
Iran (Lives in Singapore)	1		1	1		1
India	4		4	2		2
Indonesia		2	2		1	1
Cambodia	2	3	5		1	1
Singapore						
Thailand	1	7	8		2	2
Nepal	1	2	3		1	1
Pakistan	1	1	2	1		1
Bangladesh	4	1	5	2		2
Bhutan	1		1	1		1
Vietnam	2	4	6		3	3
Malaysia	1	1	2		1	1
Myanmar	5	2	7	1		1
Mongolia		1	1		1	1
Laos		1	1		1	1
Republic of Korea	1	1	2	1		1
Taiwan		1	1		1	1
China	4	6	10	1	3	4
Total	28	33	61	10	15	25



ISP2014 Social Hour (M&D Tower, Faculty Lounge, August 27, 2014)

## Undergraduate Overseas Studying Awards

To cultivate professionals with sensitivity and international awareness, TMDU offers Undergraduate Overseas Studying Awards to excellent undergraduate students who wish to

undergo overseas training. This award was initiated in 2002 and 88 students, 10 in 2014, have taken advantage of this opportunity to study abroad.

2014 Undergraduate Overseas Studying Awards

Area			Host Institution	Number of students
Faculty of Medicine School of Medicine	4 <sup>th</sup> year	United States of America	<ul style="list-style-type: none"><li>• Johns Hopkins University School of Medicine</li></ul>	1
Faculty of Medicine School of Health Care Sciences	3 <sup>rd</sup> year	Finland / Lao PDR	<ul style="list-style-type: none"><li>• Seinäjoki University of Applied Sciences</li><li>• The University of Health Sciences of Lao PDR</li></ul>	4
Faculty of Dentistry School of Dentistry	6 <sup>th</sup> year	United States of America	<ul style="list-style-type: none"><li>• Tufts University School of Dental Medicine</li><li>• The University of Pennsylvania Boston Periodontics and Dental Implants</li></ul>	3
	4 <sup>th</sup> year	Austria / Germany	<ul style="list-style-type: none"><li>• Institute of Molecular Biotechnology of the Austrian Academy of Sciences</li><li>• Maxplanck Institute of Immunobiology and Epigenetics</li></ul>	
Faculty of Dentistry School of Oral Health Care Science	3 <sup>rd</sup> year	Finland / Sweden	<ul style="list-style-type: none"><li>• Helsinki Metropolia University of Applied Sciences</li><li>• Turku University of Applied Sciences</li><li>• The University of Gothenburg</li></ul>	2

## 2014 Postgraduate Overseas Studying Awards

To cultivate leading researchers and highly talented medical personnel, the Postgraduate Overseas Studying Awards program was initiated in 2011. This award is presented to postgraduate students who have achieved excellent research in their field of study and are expected to be excellent researchers in the future.

2014 Postgraduate Overseas Studying Awards





Area	Host Institution
Graduate School of Medical and Dental Sciences	United States of America • Harvard School of Dental Medicine • Georgia Regents University
Graduate School of Health Care Sciences	United States of America • University of California, San Francisco
	Finland • Seinäjoki University of Applied Sciences

## Studying Abroad during Project Semester

Project Semester is aimed to cultivate fundamental skills that are necessary for medical doctors who have a scientific perspective. The 5-month program is open to undergraduate medical school students who have completed major subjects and experiments and is held in the 4th year.

During Project Semester, students study and conduct research at TMDU and overseas collaborating institutions, such as Imperial College, the University of Chile and Clinica Las Condes, Chulalongkorn University, and the Noguchi Memorial Institute for Medical Research, University of Ghana.

2014 Students Studying Abroad during Project Semester

Imperial College (UK)		5
University of Chile and Clinica Las Condes (CLC) (Chile)		6
Chulalongkorn University (Thailand)		3
Others: Institutions in United States of America, Australia, and Korea		4



Tokyo Medical and Dental University  
and Partners Healthcare International  
— Alliance for Medical Education

United States of America  
• Partners HealthCare International

Overseas Affiliated Universities / Inter- Faculty Agreements

Graduate School of Medical and Dental Sciences (Medical Division) / Graduate School of Health Care Sciences / Faculty of Medicine

<p><b>Finland</b></p> <ul style="list-style-type: none"><li>• Seinajoki University of Applied Sciences</li><li>• University of Tampere Department of Nursing Science</li></ul> <p><b>United States of America</b></p> <ul style="list-style-type: none"><li>• University of Washington School of Nursing</li><li>• University of Colorado Denver College of Nursing</li></ul> <p><b>United Kingdom</b></p> <ul style="list-style-type: none"><li>• Imperial College London Faculty of Medicine</li></ul>	<p><b>Thailand</b></p> <ul style="list-style-type: none"><li>• Faculty of Medicine and Faculty of Allied Health Sciences, Chulalongkorn University</li><li>• Faculty of Medicine Siriraj Hospital Mahidol University</li><li>• National Cancer Institute, Ministry of Public Health</li><li>• Faculty of Medicine, Chiang Mai University</li></ul> <p><b>Kazakhstan</b></p> <ul style="list-style-type: none"><li>• S.D.Asfendiyarov Kazakh National Medical University</li></ul> <p><b>Ghana</b></p> <ul style="list-style-type: none"><li>• Noguchi Memorial Institute for Medical Research</li></ul>	<p><b>Taiwan</b></p> <ul style="list-style-type: none"><li>• Taipei Medical University, College of Medicine</li><li>• School of Medicine, National Defense Medical Center</li><li>• National Taiwan University, College of Medicine</li></ul> <p><b>China</b></p> <ul style="list-style-type: none"><li>• Tianjin Medical University, Cardiovascular Institute</li></ul> <p><b>Denmark</b></p> <ul style="list-style-type: none"><li>• University of Copenhagen, Graduate School of Pharmaceutical Science</li></ul>	<p><b>Chile</b></p> <ul style="list-style-type: none"><li>• Faculty of Medicine, Universidad de Chile</li><li>• Faculty of Medicine, Austral University</li></ul> <p><b>Korea</b></p> <ul style="list-style-type: none"><li>• Seoul National University College of Medicine</li></ul> <p><b>Australia</b></p> <ul style="list-style-type: none"><li>• John Curtin School of Medical Research, Australian National University</li><li>• Medical School, Australian National University</li></ul>
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Graduate School of Medical and Dental Sciences (Dental Division) / Faculty of Dentistry

<p><b>Korea</b></p> <ul style="list-style-type: none"><li>• College of Dentistry, Seoul National University</li><li>• School of Dentistry, Kyungpook National University</li><li>• School of Dentistry, Chonnam National University</li></ul> <p><b>Thailand</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, Chulalongkorn University</li><li>• Faculty of Dentistry, Mahidol University</li><li>• Faculty of Dentistry, Chiang Mai University</li><li>• Faculty of Dentistry, Prince of Songkla University</li><li>• Faculty of Dentistry, Khon Kaen University</li><li>• Faculty of Dentistry, Naresuan University</li><li>• Faculty of Dentistry, Srinakharinwirot University</li></ul> <p><b>China</b></p> <ul style="list-style-type: none"><li>• College of Stomatolgy, Jilin University</li><li>• Stomatology College of Dalian Medical University</li><li>• School of Stomatology, Peking University</li><li>• School of Stomatology, Capital Medical University</li><li>• Tongji University, School of Stomatology</li><li>• Inner Mongolia Medical College</li><li>• West China School of Stomatology Sichuan University</li></ul> <p><b>Taiwan</b></p> <ul style="list-style-type: none"><li>• College of Oral Medicine, Taipei Medical University</li><li>• School of Dentistry, College of Medicine, National Taiwan University</li><li>• College of Dental Medicine, Kaohsiung Medical University</li><li>• School of Dentistry, National Defense Medical Center</li><li>• China Medical University, School of Dentistry</li></ul>	<p><b>Indonesia</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, University of Indonesia</li></ul> <p><b>Singapore</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, National University of Singapore</li></ul> <p><b>Malaysia</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, University of Malaya</li></ul> <p><b>Denmark</b></p> <ul style="list-style-type: none"><li>• School of Dentistry, Faculty of Health Sciences, University of Copenhagen</li></ul> <p><b>Myanmar</b></p> <ul style="list-style-type: none"><li>• University of Dental Medicine, Yangon</li></ul> <p><b>Vietnam</b></p> <ul style="list-style-type: none"><li>• University of Odonto-Stomatology, Hanoi</li><li>• Faculty of Odonto-Stomatology, The University of Medicine and Pharmacy at Ho Chi Minh City</li></ul> <p><b>Mongolia</b></p> <ul style="list-style-type: none"><li>• School of Dentistry, Health Sciences University of Mongolia</li></ul> <p><b>Sri Lanka</b></p> <ul style="list-style-type: none"><li>• Faculty of Dental Sciences, University of Peradeniya</li></ul> <p><b>Cambodia</b></p> <ul style="list-style-type: none"><li>• Faculty of Odonto-Stomatology, University of Health Sciences, Phnom Penh Cambodia</li></ul> <p><b>Laos</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, The University of Health Sciences of Lao PDR</li></ul> <p><b>United Kingdom</b></p> <ul style="list-style-type: none"><li>• King's College London Dental Institute</li></ul> <p><b>Czech Republic</b></p> <ul style="list-style-type: none"><li>• Masaryk University, Faculty of Medicine</li></ul> <p><b>United States of America</b></p> <ul style="list-style-type: none"><li>• School of Dental Medicine, University of Pennsylvania</li><li>• Harvard School of Dental Medicine</li></ul>	<ul style="list-style-type: none"><li>• School of Dentistry, University of North Carolina at Chapel Hill</li><li>• School of Dentistry, University of California San Francisco</li><li>• Tufts University School of Dental Medicine</li></ul> <p><b>Canada</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, McGill University</li></ul>	<p><b>Australia</b></p> <ul style="list-style-type: none"><li>• School of Dental Science, Faculty of Medicine, Dentistry and Health Sciences, The University of Melbourne</li><li>• Faculty of Dentistry, University of Sydney</li></ul> <p><b>French Republic</b></p> <ul style="list-style-type: none"><li>• Claude Bernard Lyon 1 University</li></ul>
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<p><b>United Kingdom</b></p> <ul style="list-style-type: none"><li>• Bioengineering Unit, University of Strathclyde</li><li>• Interdisciplinary Research Centre in Biomedical Materials and Science, Queen Mary and Westfield College, University of London</li></ul>	<p><b>Poland</b></p> <ul style="list-style-type: none"><li>• Institute of Biocybernetics and Biomedical Engineering and International Center of Biocybernetics, Polish Academy of Science</li></ul> <p><b>Korea</b></p> <ul style="list-style-type: none"><li>• Institute for Biomaterials Research and Development, Kyungpook National University</li></ul> <p><b>China</b></p> <ul style="list-style-type: none"><li>• School of Stomatology, Peking University</li></ul>
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<p><b>Singapore</b></p> <ul style="list-style-type: none"><li>• Oncology Research Institute, National University of Singapore</li></ul> <p><b>Korea</b></p> <ul style="list-style-type: none"><li>• Institute of Molecular Biology and Genetics, Seoul National University</li></ul>	<p><b>Thailand</b></p> <ul style="list-style-type: none"><li>• Faculty of Dentistry, Chulalongkorn University</li></ul> <p><b>France</b></p> <ul style="list-style-type: none"><li>• École Normale Supérieure de Lyon</li></ul>
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<p><b>Poland</b></p> <ul style="list-style-type: none"><li>• Medical University of Gdansk</li></ul> <p><b>Germany</b></p> <ul style="list-style-type: none"><li>• Deutsches Rheuma-Forschungszentrum Berlin</li><li>• Humboldt-Universität zu Berlin</li><li>• Faculty of Biosciences, University of Heidelberg</li><li>• The Spemann Graduate School of Biology And Medicine, University of Freiburg</li></ul>	<p><b>United Kingdom</b></p> <ul style="list-style-type: none"><li>• Univesity of Dundee</li></ul> <p><b>China</b></p> <ul style="list-style-type: none"><li>• Peking Union Medical College</li><li>• Health Science Center China Medical University</li><li>• Shanghai Center for Bioinformation Technology</li></ul> <p><b>Vietnam</b></p> <ul style="list-style-type: none"><li>• University of Hanoi Medical University, Hanoi</li></ul>
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Overseas Affiliated Universities / Inter- University Agreements

<p><b>Thailand</b></p> <ul style="list-style-type: none"><li>• Chulalongkorn University</li></ul> <p><b>Chile</b></p> <ul style="list-style-type: none"><li>• Clinica Las Condes and the Ministry of Health of Chile</li></ul>	<p><b>Ecuador</b></p> <ul style="list-style-type: none"><li>• Ministry of Public Health, Ecuador</li></ul> <p><b>Paraguay</b></p> <ul style="list-style-type: none"><li>• Ministry of Health of Paraguay and Clinica Las Condes</li></ul>
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Number of International Students

Country / Area		Graduate Students						Undergraduate Students				Research Students				Japanese Language Course Students International Exchange Center	Subtotal		Total
		Medical and Dental Sciences		Health Care Sciences		Biomedical Science PhD Program	Faculty of Medicine		Faculty of Dentistry		Medical and Dental Sciences		Health Care Sciences						
Asia	India	3	3														3	3	6
	Indonesia	2	1														2	1	3
	Korea		2					2	1	1							3	3	6
	Cambodia	2										1					3	0	3
	Thailand	18	1					2									20	1	21
	Taiwan		5		1				1		1		1				0	9	9
	China	27	43		1				1		3		13				27	61	88
	Nepal	3	3														3	3	6
	Bangladesh	8	2														8	2	10
	Philippines	2	1														2	1	3
	Vietnam	8	1														8	1	9
	Malaysia		1														0	1	1
	Myanmar	9	8										2	2			11	10	21
	Mongolia	6															6	0	6
	Laos	2	1														2	1	3
Africa	Egypt	2	1				1										2	2	4
	Ghana	3															3	0	3
	Sudan	1															1	0	1
	Tanzania	1															1	0	1
	Libya		2														0	2	2
The Middle and Near East	Afghanistan	1															1	0	1
	Yemen	3	1														3	1	4
	Iran		1														0	1	1
	Saudi Arabia		7									1					0	8	8
	Turkey	2															2	0	2
	Jordan	1															1	0	1
Latin America	Ecuador	1															1	0	1
	Haiti	1															1	0	1
	Brazil	2	1														2	1	3
	Peru		1														0	1	1
North America	Mexico		1														0	1	1
	Canada		1														0	1	1
Europe	Kyrgyzstan	1															1	0	1
	Spain	1															1	0	1
	Belarus	1															1	0	1
	Poland		1														0	1	1
Subtotal		111	89	0	2	0	1	4	3	1	4	3	17	0	0	0	119	116	235
Total		Government Expense		Private Expense			Government Expense		Private Expense		Government Expense		Private Expense		Government Expense	235			
		111		92			5		7		3		17		0				
		203		12			20		0										



Number of Staff Members

(as of May 1, 2015)											
	Director	Academic Staff					Other Staff				Total
		Professor	Associate Professor	Junior Associate Professor	Assistant Professor	Subtotal	Clerk	Co-medical	Nurse	Subtotal	
President	1										1
Executive Director	5 (1)										5 (1)
Auditor	2 (1)										2 (1)
Administration Bureau							154			154	154
Graduate School of Medical and Dental Sciences (Medical)		50	26	30	71	177					177
Graduate School of Medical and Dental Sciences (Dental)		32	26	23	84	165					165
Graduate School of Health Care Sciences		17	9	3	14	43					43
Faculty of Medicine							16	5		21	21
Medical Hospital		2	10	37	108	157	109	245	768	1,122	1,279
Faculty of Dentistry		1				1	40	3		43	44
Dental Hospital			3	13	19	35		82	56	138	173
College of Liberal Arts and Sciences		9	11	1	2	23	6			6	29
Institute of Biomaterials and Bioengineering		12	8	1	17	38	6			6	44
Medical Research Institute		19	20	2	24	65	10			10	75
Institute for Library and Media Information Technology		1			1	2	21			21	23
Student Support and Health Administration Organization		1	1		2	4	12	1	1	14	18
Research and Industry-University Alliance Organization		9	6	2	7	24	18			18	42
Sports Science Organization		1				1					1
Research University Promotion Organization							1			1	1
Center for Education Research in Medicine and Dentistry		1	1	1		3					3
International Exchange Center		1	2		1	4	12			12	16
Center for Interprofessional Education			2	1		3					3
Public Relations Division							5			5	5
Internal Audit Office							2			2	2
Policy Planning Office							6			6	6
Administration Office, Health Administration Office for Employees and Environmental Safety Office							6			6	6
Health Administration Office for Employees					1	1		1		1	2
Others			1			1					1
Number of Staff Members	8 (2)	156	126	114	351	747	424	337	825	1,586	2,341 (2)

\*Note: The numbers in parentheses ( ) indicate part-time directors.

Number of Graduate Students

Graduate School of Medical and Dental Sciences (as of May 1, 2015)

Specialized Courses	Capacity of Admission	Total Capacity	Master's Program						Doctoral Program						Total			
			1st year		2nd year		Subtotal		1st year		2nd year		3rd year				4th year	
Medical and Dental Sciences	—	—	0	0	0	0	0	0									0	0
Medical and Dental Sciences (MMA Course)	—	—	0	0	0	0	0	0									0	0
Medical and Dental Science and Technology	95	190	103	50	89	37	192	87									192	87
Medical and Dental Science and Technology (MMA Course)	15	25	19	9	14	7	33	16									33	16
Oral Health Sciences	—	—							0	0	0	0	0	0	14	6	14	6
Maxillofacial and Neck Reconstruction	—	—							0	0	0	0	1	1	15	4	16	5
Bio-Matrix	—	—							0	0	0	0	0	0	7	2	7	2
Public Health	—	—							0	0	0	0	1	1	28	12	29	13
Gerontology and Gerodontology	—	—							0	0	0	0	0	0	16	10	16	10
Comprehensive Patient Care	—	—							0	0	0	0	0	0	11	8	11	8
Cognitive and Behavioral Medicine	—	—							0	0	0	0	0	0	7	3	7	3
Bio-Environmental Response	—	—							0	0	0	0	0	0	8	4	8	4
Systemic Organ Regulation	—	—							0	0	0	0	0	0	27	9	27	9
Advanced Therapeutic Sciences	—	—							0	0	0	0	0	0	17	5	17	5
Medical and Dental Sciences	189	756							248	106	237	96	235	104	208	77	928	383
Life Science and Technology	25	75							21	8	17	7	13	3			51	18
Subtotal	324	1,046	122	59	103	44	225	103	269	114	254	103	250	109	358	140	1,131	466

Graduate School of Health Care Sciences

Specialized Courses	Capacity of Admission		Total Capacity	Doctoral Program														Total	
				1st year		2nd year		3rd year		4th year		5th year				Subtotal			
Nursing Innovation Science	13		26	14	12	14	11									28	23	28	23
Cooperative Doctoral Course in Disaster Nursing	2		4	2	1	3	3									5	4	5	4

Specialized Courses	Capacity of Admission		Total Capacity	Master's Program						Doctoral Program						Total			
				1st year		2nd year		Subtotal		1st year		2nd year		3rd year				Subtotal	
Comprehensive Health Nursing Sciences	M 8	M 24	— 24	0	0	4	4	4	4	5	5	8	7	36	31	49	43	53	47
Biomedical Laboratory Sciences	M 12	M 24	D 18	14	8	15	14	29	22	7	5	9	5	4	2	20	12	49	34
Subtotal	D 15	D 30		16	13	17	14	0	0	0	0	0	0	0	0	33	27	33	27
	M 12	M 24		14	8	19	18	33	26	12	10	17	12	40	33	69	55	102	81
	D 14	D 42																	

Biomedical Science PhD Program

Specialized Courses	Capacity of Admission	Total Capacity	Master's Program						Doctoral Program						Total		
			1st year		2nd year		Subtotal		1st year		2nd year		3rd year			Subtotal	
Bioinformatics	—	M D —	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Functional Biology	—	M D —	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Subtotal	—	M D —	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1

	Capacity of Admission	Total Capacity	Master's Program						Doctoral Program						Total					
			1st year		2nd year		Subtotal		1st year		2nd year		3rd year				4th year		Subtotal	
Total	365	1,142	136	73	122	62	258	135	281	124	271	115	291	142	358	140	1,234	548	1,492	683

\*Note: The numbers in red indicate female students.

Research Students

(as of May 1, 2015)

Graduate Schools	Number of Students	Female Students (in number)
Graduate School of Medical and Dental Sciences	188	94
Graduate School of Health Care Sciences	1	1
Total	189	95

Number of Undergraduate Students

Faculty of Medicine (as of May, 1, 2015)

	Capacity of Admission	Total Capacity	1st year		2nd year		3rd year		4th year		5th year		6th year		Total	
School of Medicine	101 {5}	623	105	31	115 (5)	32 (3)	108 (5)	31 (2)	110 (5)	36 (2)	106 (3)	33 (1)	98 [5]	34	642 [5] (18)	197 (8)
School of Health Care Sciences	90	360	92	86	90	81	94	85	97	91					373	343
Nursing Science	55	220	57	57	55	53	56	54	57	57					225	221
Medical Technology	35	140	35	29	35	28	38	31	40	34					148	122

Faculty of Dentistry (as of May, 1, 2015)

	Capacity of Admission	Total Capacity	1st year		2nd year		3rd year		4th year		5th year		6th year		Total	
School of Dentistry	53	320	60	32	54	21	54	26	54	20	44	23	56 [2]	23 [1]	322 [2]	145 [1]
School of Oral Health Care Sciences	32	155	37	34	37	33	40	37	43	37					157	141
Oral Health Care Science	22 {6}	100	26	25	19	19	29 [5]	29 [5]	29 [6]	28 [6]					103 [11]	101 [11]
Oral Health Engineering	10 [5]	55	11	9	18 (4)	14 (2)	11 (2)	8 (1)	14 (4)	9 (1)					54 (10)	40 (4)

(as of May, 1, 2015)

	Capacity of Admission	Total Capacity	1st year		2nd year		3rd year		4th year		5th year		6th year		Total	
Total	276	1,458	294	183	296 (9)	167 (5)	296 [5] (7)	179 [5] (3)	304 [6] (9)	184 [6] (3)	150 (3)	56 (1)	154 [7]	57 [1]	1,494 [18] (28)	826 [12] (12)

\*Note 1: The numbers in red indicate female students.  
\*Note 2: The numbers in angle brackets < > indicate the maximum number of students who can transfer into the third-year program from other institutions. They are not included in the numbers above them.  
\*Note 3: The numbers in angle brackets { } indicate the maximum number of students who can transfer into the second-year program from other institutions. They are not included in the numbers above them.  
\*Note 4: The numbers in brackets [ ] indicate the students transferring into the third-year program from other institutions.  
\*Note 5: The numbers in brackets ( ) indicate the students transferring into the second-year program from other institutions.

Degrees Conferred

Doctoral Program (as of May, 1, 2015)

	Doctor									
	Philosophy in Medical Science	Philosophy in Dental Science	Philosophy	Nursing Science	Medical Laboratory Science	Philosophy in Bioinformatics	Philosophy in Functional Biology	Philosophy in Biomedical Science	Philosophy in Science	Philosophy in Engineering
Academic Year 2014	101	69	6	6	4	1	0	2	10	1
Total	2,136	2,265	167	105	65	4	3	8	99	4

Granted by Merit of Thesis (as of May, 1, 2015)

	Doctor				
	Philosophy in Medical Science	Philosophy in Dental Science	Philosophy	Nursing Science	Medical Laboratory Science
Academic Year 2014	3	2	0	1	0
Total	1,760	513	24	26	14

Master's Program (as of May, 1, 2015)

	Master													
	Medical Science	Dental Science	Oral Health Care Science	Medical Administration (1)	Medical Administration (2)	Nursing Science	Medical Laboratory Science	Bioinformatics	Functional Biology	Biomedical Science	Science	Engineering	Philosophy	
Academic Year 2014	56	4	4	6	10	15	14	—	—	—	17	17	—	
Total	512	19	8	82	101	328	271	14	4	13	320	37	2	

Grants-in-Aid for Scientific Research (Fiscal Year 2014)

	Number	Amount
Grant-in-Aid for Challenging Exploratory Research	80	130,650
Grant-in-Aid for Young Scientists (A)	10	85,150
Grant-in-Aid for Young Scientists (B)	160	248,311
Grant-in-Aid for JSPS Fellow	23	27,743
Grant-in-Aid for Scientific Research (S)	6	255,710

	Number	Amount
Grant-in-Aid for Scientific Research (A)	11	147,290
Grant-in-Aid for Scientific Research (B)	58	287,300
Grant-in-Aid for Scientific Research (C)	218	355,297
Grant-in-Aid for Research Activity Start-up	29	39,520
Grant-in-Aid for Scientific Research on Innovative Areas	32	426,010
Grant-in-Aid for Encouragement of Scientists	2	1,200
Total	629	2,004,181

in thousands of yen

Entrusted Research Funds (Fiscal Year 2014)

	Number	Amount
Entrusted Research	309	2,912,691
Cooperative Research	122	301,241
Donation for Promotion of Learning	782	1,398,102
Total	1,213	4,612,034

in thousands of yen

Grants-in-Aid for Scientific Research from Ministry of Health, Labour and Welfare (Fiscal Year 2014)

	Number	Amount
Research on Policy Planning and Evaluation	2	35,565
Research on Regenerative Medicine for Clinical Application	1	69,852
Research on Global Health Issues	2	14,204
Research on New Drug Development	1	50,960
Special Research	1	13,375

	Number	Amount
Research on Rare and Intractable Diseases	5	79,810
Comprehensive Research on Disability Health and Welfare	3	22,700
Research on Region Medical	2	10,000
Research on Health Security Control	1	3,500
Research on Regulatory Science of Pharmaceuticals and Medical Devices	2	8,300
Total	20	308,266

in thousands of yen

Endowed Departments

(as of May 1, 2015)

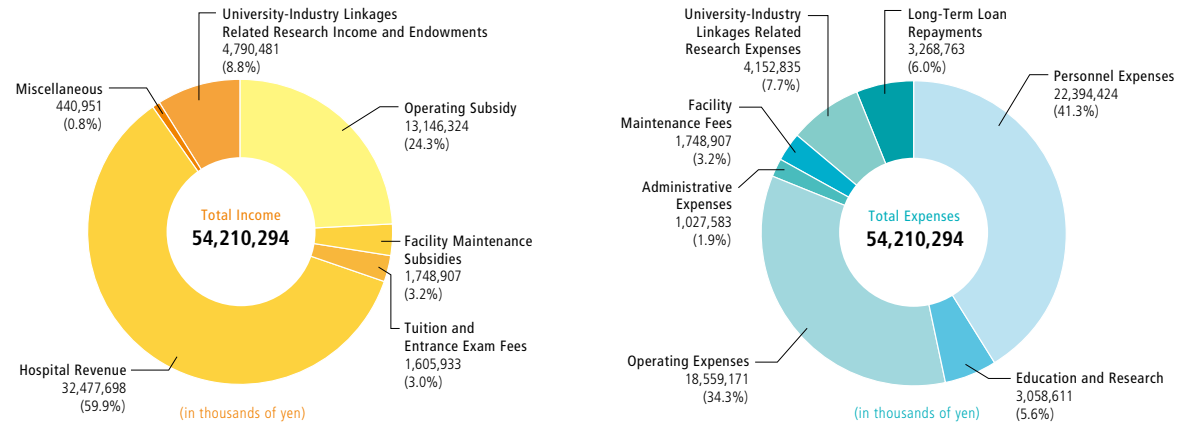
	Departments / Institutes	Term	Donor
Graduate School of Medical and Dental Sciences	Pharmacovigilance	2005.4.1 - 2016.3.31	Mitsubishi Tanabe Pharma Corporation / Takeda Pharmaceutical Co., Ltd. / Abbvie Inc. / Eisai Co., / Chugai Pharmaceutical Co., Ltd. / Bristol-Myers K.K. / Astellas Pharma Inc. / UCB Japan Co., Ltd. / Ono Pharmaceutical Co., Ltd.
	Nanomedicine	2005.4.1 - 2016.3.31	Dai Nippon Printing Co., Ltd
	Liver Disease Control	2006.4.1 - 2016.3.31	Chugai Pharmaceutical Co., Ltd. / Toray Industries, Inc. / Dainippon Sumitomo Pharma Co., Ltd. / Bristol-Myers K.K. / MSD K.K.
	Cartilage Regeneration	2006.6.1 - 2018.3.31	Zimmer K.K. / Kyocera Medical Corporation
	Advanced Therapeutics for GI Diseases	2007.4.1 - 2020.3.31	Kyorin Pharmaceutical Co., Ltd. / Asahi Kasei Medical Co., Ltd. / Ajinomoto Pharma Co., Ltd. / UCB Japan Co., Ltd. / JIMRO Co., Ltd. / Zeria Pharmaceutical Co., Ltd. / Mitsubishi Tanabe Pharma Corporation / Abbvie Inc. / Kyowa Hakko Kirin Co., Ltd.
	Orthopaedic Research and Development	2007.8.1 - 2016.3.31	Stryker Japan K.K. / Medtronic Sofamor Danek, Co., Ltd. / HOYA Technosurgical, Inc. / Itoh Medical, Inc. / Teijin Pharma Limited / AZ CO., Ltd.
	Sleep Modulatory Medicine	2009.6.1 - 2016.3.31	Fukuda Denshi Co., Ltd. / Teijin Home Healthcare Limited / GlaxoSmithKline Co., Ltd. / Philips Respironics GK / Saiwai Medix Co., Ltd. / Fukuda Life Tech Tokyo Co., Ltd. / AIR WATER MEDICAL Inc
	Pediatrics, Perinatal and Maternal Medicine	2014.4.1 - 2016.3.31	JA Ibaraki kouseiren
	Organ Network and Metabolism	2011.4.1 - 2016.3.31	Shionogi & Co., Ltd.
	Joint Reconstruction	2011.5.1 - 2016.4.30	Biomet Japan, Inc / Johnson & Johnson K.K. / Arthrex Japan G.K. / Smith & Nephew K.K.
	Women's Health	2012.4.1 - 2016.3.31	Kikkoman Corporation
	Advanced Surgical Technology Research and Development	2012.9.1 - 2015.8.31	Nipro Corporation / Edwards Lifesciences Corporation / Senko Medical Instrument Mfg.Co., Ltd.
	Preemptive Medicine and Metabolism	2013.4.1 - 2016.3.31	Dainippon Sumitomo Pharma Co., Ltd. / Mitsubishi Tanabe Pharma Corporation
	Arteriosclerosis and Vascular Biology	2013.4.1 - 2016.3.31	Arteriosclerosis Res. Foundation
	Nutrition and Metabolism in Cardiovascular Disease	2014.10.1 - 2018.3.31	Mitsubishi Tanabe Pharma Corporation / MSD K.K.
Institute of Biomaterial and Bioengineering	Cardiology and Regional Medicine	2015.4.1 - 2018.3.31	JA Ibaraki kouseiren
	Acellular Biomaterials and Regenerative Medicine	2014.11.1 - 2016.10.31	Adeka Corporation

Joint Research Departments

(as of May 1, 2015)

Departments	Term
Translational Oncology	2014.10.1 - 2016.9.30
Advanced Medical Technology	2015.4.1 - 2018.3.31

Finances (Fiscal Year 2015 Budget)





Location of University Campuses and Buildings (as of May 1, 2015)

Yushima Campus

Grounds	45,090m <sup>2</sup> (sq. Meter)
Buildings	249,646m <sup>2</sup> (sq. Meter)

- Administration Bureau
- Graduate School of Medical and Dental Sciences
- Graduate School of Health Care Sciences
- Biomedical Science PhD Program

1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8510 03-3813-6111

- Faculty of Medicine
- Medical Hospital

1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8519 03-3813-6111

- Faculty of Dentistry
- Dental Hospital

1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8549 03-3813-6111

Surugadai Campus

Grounds	5,597m <sup>2</sup> (sq. Meter)
Buildings	19,912m <sup>2</sup> (sq. Meter)

- Institute of Biomaterials and Bioengineering

2-3-10, Kanda Surugadai, Chiyoda-ku, Tokyo 101-0062 03-5280-8000

		Grounds	Buildings
Toda Boat-House	1-60, Todakoen, Toda-city, Saitama Prefecture	696m <sup>2</sup>	479m <sup>2</sup>
Tateyama Oga-Resort House	Oga, Tateyama-city, Chiba Prefecture	4,357m <sup>2</sup>	834m <sup>2</sup>
Hakusan Residence Housing	2-36-3, Hakusan, Bunkyo-ku, Tokyo	497m <sup>2</sup>	91m <sup>2</sup>

- Medical Research Institute
- Sports Science Organization
- Center for Education Research in Medicine and Dentistry
- International Exchange Center
- Center for Interprofessional Education
- Institute for Library and Media information Technology
- Student Support and Health Administration Organization
- Health Administration Office for Employees
- Environmental Safety Office
- Research and Industry-University Alliance Organization
- Public Relations Division

1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8510 03-3813-6111

Kounodai Campus

Grounds	60,910m <sup>2</sup> (sq. Meter)
Buildings	14,102m <sup>2</sup> (sq. Meter)

- College of Liberal Arts and Sciences
- Institute for Library and Media information Technology-Kounodai Branch Library
- Health Administration Center, Kounodai Branch

2-8-30, Kounodai, Ichikawa-city, Chiba Prefecture 272-0827 047-300-7103

- International House
- International Student House

2-8-1, Kounodai, Ichikawa-city, Chiba Prefecture 272-0827 047-371-7936

		Grounds	Buildings
Wakamiyacho Residence Housing	26, Wakamiya-cho, Shinjuku-ku, Tokyo	995m <sup>2</sup>	—
Tonoyama Residence Housing	1-50-3, Chuo, Nakano-ku, Tokyo	1,974m <sup>2</sup>	1,945m <sup>2</sup>
Etchujima Residence Housing	1-3, Etchujima, Koto-ku, Tokyo	17,967m <sup>2</sup>	25,480m <sup>2</sup>
The Ossuary (Nokotsu-do)	3-10-1, Kounodai, Ichikawa-city, Chiba Prefecture	(115m <sup>2</sup> )	—

Total	Grounds 138,083m <sup>2</sup> (115m <sup>2</sup> ) (sq. Meter)	Buildings 312,489m <sup>2</sup> (sq. Meter)
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\* The numbers in parentheses ( ) show temporary or long-term rental grounds and buildings.

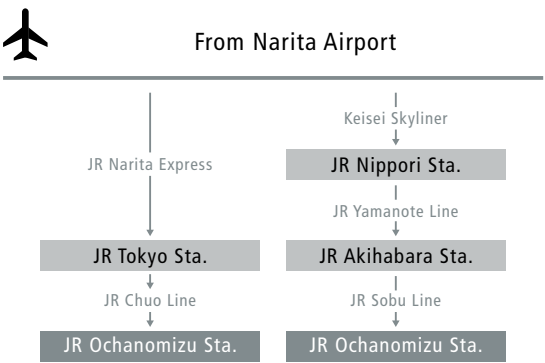
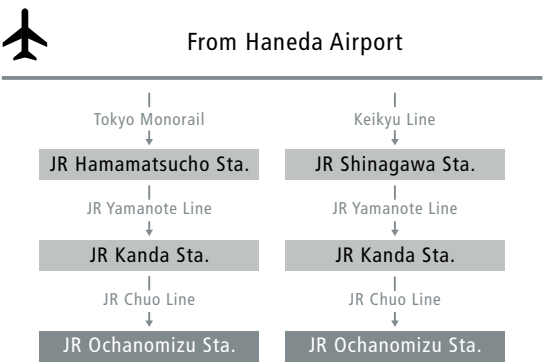
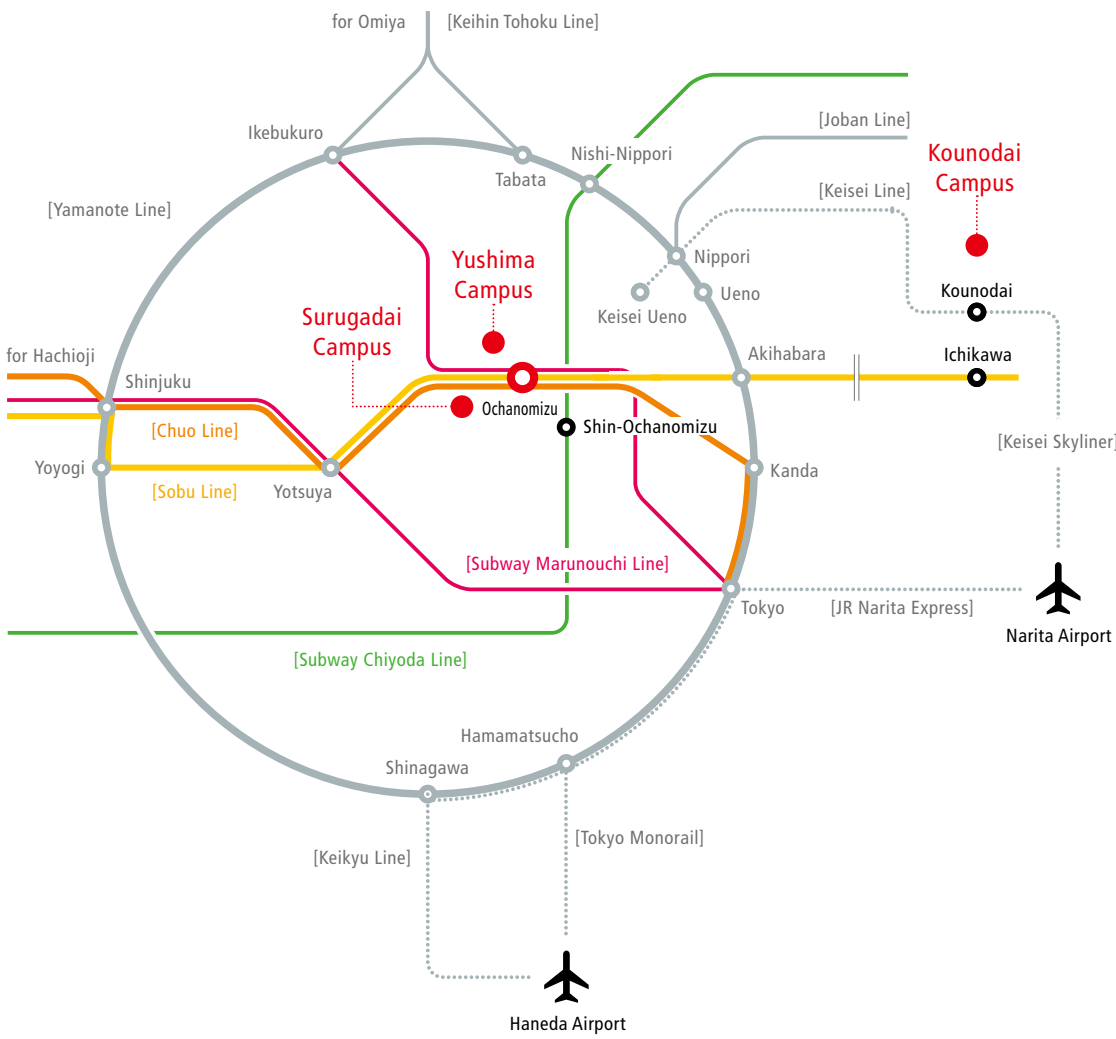
Access

Yushima and Surugadai Campuses

- JR Line Ochanomizu Sta.
- Subway Marunouchi Line Ochanomizu Sta.
- Subway Chiyoda Line Shin-Ochanomizu Sta.

Kounodai Campus

- Keisei Line Kounodai Sta.
- Sobu Line Ichikawa Sta.
- Bus for Matsudo Sta. from No.1 Keisei Bus Stop to Kokuritsu Byoin

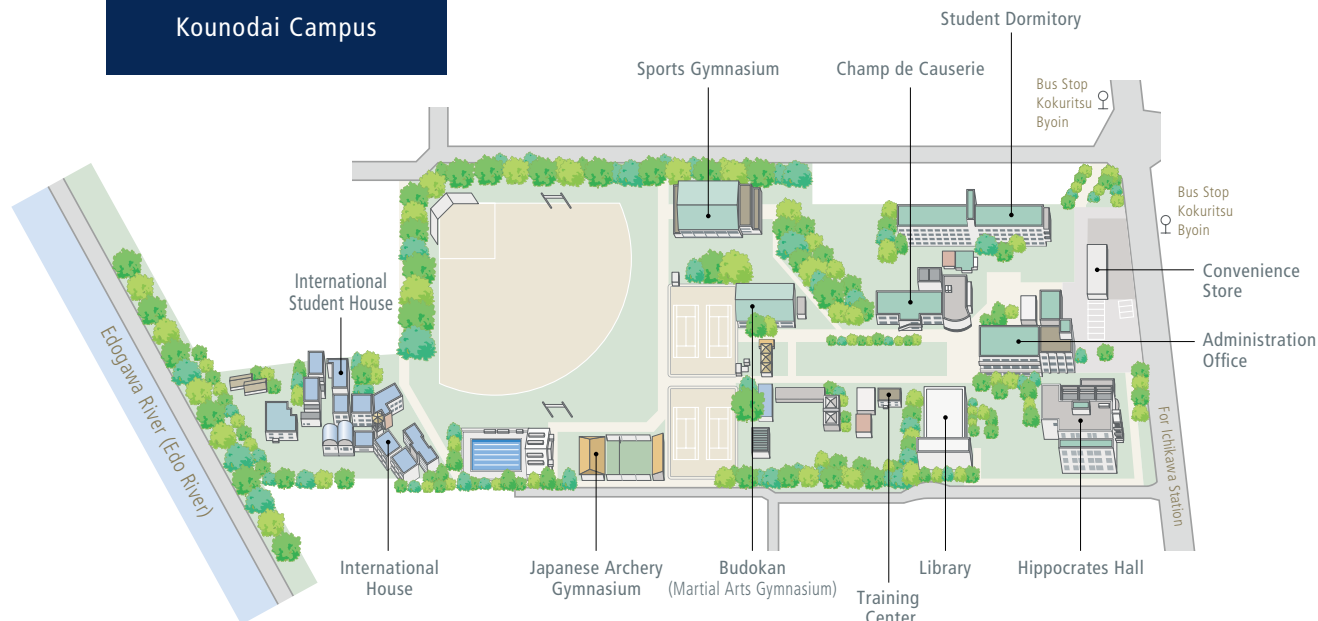


TMDU is headquartered in the center of Tokyo, amid many sites of historic interest. The main campus, Yushima Campus, and the satellite campus, Surugadai Campus, contain our research buildings and hospitals. At these campuses, highly specialized education in clinical and basic research contexts is offered so as to foster health care professionals with advanced knowledge and skills.



Surugadai Campus

## Kounodai Campus



## Kounodai Campus

The Kounodai Campus houses the College of Liberal Arts and Sciences, where our undergraduate students start their university studies. This campus is located in Ichikawa City, Chiba Prefecture, and is about 40 minutes from Yushima Campus by train.

