



Keio University

FACTS

FIGURES



2021-22

## **Keio University**

# FACTS FIGURES 2021-22

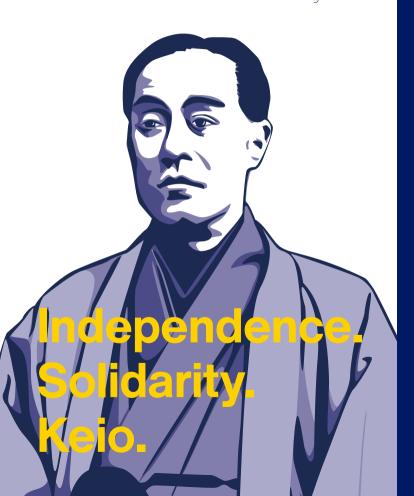
#### Cover: Keio Unicorns

The two gargoyle-like creatures with single horns that appear on the front cover are known as the Keio Unicorns. They were actual statues that resided on Keio's Mita Campus in the first half of the 20th century. The original sculptures were damaged during the war, but one was repaired and the other was replicated, and the pair now stand watch at the entrance of a Keio-affiliated junior high school.

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## About Keio University



Keio University has its headquarters in Mita area of Tokyo, one of the world's largest cities with a population of around 14 million people in an area of 2.188 km<sup>2</sup>.

There are 6 main campuses, of which Mita, Shinanomachi, and Shiba-Kyoritsu are located in Tokyo while Hiyoshi, Yagami, and Shonan Fujisawa are located in the adjacent Kanagawa Prefecture (refer to pages 3–4).

Keio University was founded in 1858 during the Edo period, before the modernization of Japan when the influence of the feudal system still remained strong.

Founder Yukichi Fukuzawa believed that for Japan to protect itself from Western powers, it was important to modernize not only the nation's system but also the way its people think, which led him to establish a private school.

Keio University went on to produce many of Japan's industrial leaders, and true to this tradition, many of its graduates are still playing active, leading roles in industry today.

Today, Keio University is a large university with 10 undergraduate faculties, 14 graduate schools, and approximately 33,000 students. Although research universities around the world usually have high output in the sciences, Keio University is characterized by its high output of research in the humanities and social sciences. However, it is also a comprehensive university with a leading university hospital that enjoys a high reputation in Japan and provides highly advanced medical care.

The strong network among the 390,000 alumni is one of Keio University's most valuable assets. Today, thought leaders in a variety of fields are making their presence felt both domestically and internationally, not only in industry, but also in medical care, the legal profession, education, science, politics, the arts, culture, and sports.

## Campuses

In addition to the 6 main campuses, Keio University has 9 affiliated schools providing elementary through secondary education in the Greater Tokyo Area. Keio has also established the Keio Academy of New York, a high school accredited in both the United States and Japan.

As of March, 2021

Mita	Hiyoshi	Yagami
§ 11,312 <b>G</b> 410	<b>G</b> 11,279 <b>G</b> 321	③ 3,637 <b>④</b> 243
Shonan Fujisawa	Shinanomachi	Shiba-Kyoritsu
<b>5</b> 5,023 <b>2</b> 206	§ 1,109 • 354	⑤ 1,109 ⑥ 51

<sup>\*</sup>S: Number of undergraduate and graduate students

Besides these educational institutions, Keio has 3 Town Campuses that are centers for research and innovation, in Tsuruoka (Tsuruoka City, Yamagata Prefecture), Shin-Kawasaki, and Tonomachi (both in Kawasaki City, Kanagawa Prefecture).

Osaka Pref. Keio Osaka



Yamagata Pref. Tsuruoka

<u>Saitama Pref.</u> Urawa-Kyoritsu

Kanagawa Pref.
Hiyoshi
Yagami
Shonan Fujisawa

Shin-Kawasaki Tonomachi Mita
Shinanomachi
Shiba-Kyoritsu
Kejo Marunouchi



<sup>\*</sup>F: Number of full-time faculty members consisting of professors, associate and assistant professors.

## Programs and Courses

As a comprehensive university, Keio University has 14 graduate schools and 10 undergraduate faculties.

At the Graduate Schools of Economics, Medicine, Science and Technology, Media Design, System Design and Management, and the Law School, there are programs that enable students to obtain a degree through courses taught exclusively in English.

At the undergraduate level, there are degree programs that are taught in English: PEARL\*1 at the Faculty of Economics, and GIGA\*2 offered jointly by the Faculty of Policy Management and Faculty of Environment and Information Studies.

- \*1 Programme in Economics for Alliances, Research and Leadership
- \*2 Global Information and Governance Academic Program

The number of programs and courses taught in English.



**Programs** 



**Double Degree Programs** 

As of September, 2021

In addition, Keio offers programs such as Thesis@Keio, which allows graduate students from overseas universities to visit Keio and conduct research for their thesis. The Japanese Language Program and short-term Keio Summer Program are also available for those who wish to learn more about Japanese culture and language.

#### Fields of Studies at Keio

#### Arts and Humanities:

Archaeology, Architecture / Built Environment,

Arts & Design, Classics & Ancient History,

English Language & Literature, History, Linguistics.

Literature (Japanese/Chinese/French/Germany),

Modern Languages, Philosophy

#### Engineering & Technology:

Computer Science & Information Systems

Mechanical, Aeronautical & Manufacturing Engineering

Electrical & Electronic Engineering

#### Life Sciences& Medicine:

Anatomy & Physiology, Biological Sciences, Medicine,

Pharmacy & Pharmacology, Psychology, Nursing

#### Natural Sciences:

Chemistry, Geography, Mathematics,

Physics & Astronomy

#### Social Sciences & Management:

Accounting & Finance, Anthropology,

Business & Management Studies,

Communication & Media Studies. Economics & Econometrics.

Education, Law, Library & Information Management,

Politics & International Studies, Sociology,

Statistics & Operational Research

## Students and Staff

There are about 33,000 students at Keio University. Around 85% are undergraduate students, and of these, approximately 75% are studying for degrees in the humanities and social sciences. Additionally, about 60% of graduate students are studying for degrees in the natural sciences, technology, and medicine.

There are about 1,900 international students from 73 countries and regions at Keio. In addition to regular degree programs, international students study through exchange programs, the Japanese Language Program, short-term programs, and research programs.



Keio has 2.743 faculty members, 3.009 administrative staff members. and 1,920 medical staff\* (doctors and nurses) (as of March, 2021).

\*"Medical Staff" (doctors and nurses) may also be included under "Faculty."

#### **Faculty**

Full-time only (tenured and non-tenured)

Number of Students

Degree Programs	Home	Overseas	Total
Undergraduate	27,787	880	28,667
Graduate (Master's Program)	2,436	598	3,034
Graduate (Doctoral Program)	1,183	225	1,408
Graduate (Professional Degree Program)	319	41	360
Total	31,725	1,744	33,469

As of May 2021

Associate **Professors** Professors 830

Assistant **Professors** 

Other 363 | 392 | 1,158

Total

2,743

## Global Outlook

Keio ranked 201st in the QS World University Rankings 2022. Internationally, Keio students' employability after graduation and Keio's research in medicine and the social sciences are particularly well regarded.



#### **QS World University Rankings by Subject 2021**

Seven Areas of Study Ranked in the World's top 100 (6th in Japan by number of rankings)



Keio has over 350 overseas partner institutions with whom it carries out student exchange and research collaborations. As a member of various major international university consortiums and RU11, a group consisting of leading Japanese research universities, Keio is readily involved in the activities of these organizations.

#### **SDG-UP**

United Nations University SDG-Universities Platform



Global University Leaders Forum the World Economic Forum

#### **APRU**

Association of Pacific Rim Universities

### **U7**+Alliance

An international alliance of research universities of the G7 and other countries

### **CEMS**

The Global Alliance in Management Education

## **PRRLA**

Pacific Rim Research Libraries Alliance

## T.I.M.E.

Top Industrial Managers for Europe

## APAIE

Asia-Pacific Association for International Education

## **RU11 Japan**

Research University 11 (consortium of top research universities in Japan)

## Top Global University Project

In 2014, The Ministry of Education, Culture, Sports, Science and Technology began the 10-year "Top Global University Project". This project promotes the internationalization of higher education by supporting new initiatives, interactions, and partnerships among the world's top universities.

Keio University was selected as a Type A University, one of the top 13 universities that conduct world-leading education and research in Japan.

Keio adopted the conceptual theme of "Enhancing Sustainability of Global Society Through Jitsugaku (Science)." By prioritizing the three initiatives of Longevity, Security, and Creativity through international joint research, educational programs, and academic exchange, Keio university is working to solve complex problems to realize a sustainable society.

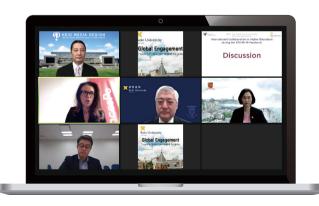
Keio also established the Keio University Global Research Institute (KGRI) in November 2016. It is a core education and research center to carry out cross-disciplinary research under the three initiatives.



# Top Global University Online Symposium

## The 1st MEXT Top Global University Project Online Symposium

Held on September 30, 2020, this symposium provided a venue for participating universities from represented countries to introduce their educational efforts under COVID-19 and to discuss questions from attendees about the current state and future prospects of "online international exchange."



Top Row: Professor Masa Inakage, Dean of the Keio University Graduate School of Media Design Middle Row, Left to Right: Professor Vanessa Scherrer, Vice President for International Affairs, Sciences Po, Paris Professor Shinnosuke Obi, Vice-President for International Collaboration, Keio University Professor Suk-Ying Wong, Associate Vice-President, The Chinese University of HongKong Bottom Row: Mr. Kuniaki Sato, Chief Director for University Reform Director, Office for International Planning, MEXT

#### Affiliations and positions are as of September 30, 2020.

# Online Student Exchange

#### **Understanding Japanese and Chinese Culture**

Keio University offered a week-long lecture series for students at Keio and Fudan University in China, a long-time exchange partner, titled "Understanding Japanese and Chinese Culture". Over the course of the 10 lectures, there were 954 students who signed up with close to a 50/50 ratio of participants from Keio and Fudan.





#### **KJSP**

The Keio Short-Term Japanese Studies Program (KJSP) 2021 was held online with 21 students taking part — 7 from Keio and 14 students from universities in Canada, Chile, China, France, Germany, Hong Kong, Panama, and Thailand. The KJSP is a two-week intensive program for both international and Keio students (undergraduate and graduate level) to learn collaboratively about Japan.

## Experience Japan Exhibition

In November 2020, Keio University hosted the "Experience Japan Exhibition 2020 Online." This study abroad fair has been held in London, England every year since 2011. However, for the event's 10th anniversary, it was held online for the first time due to the impact of COVID-19. As a result, a total of 1,353 people were able to attend from various countries around the world.

During the exhibition, approximately 20 institutions, including Keio University and other Japanese universities, Japanese language schools, and the Embassy of Japan in the UK exhibited at virtual booths while providing private consultations for participants. Each university also conducted information sessions to present their respective study abroad programs. Meanwhile, seminars introducing basic information on studying in Japan, JSPS research grant programs, information on JASSO scholarships, employment opportunities in Japan, and panels of students relating their experiences of studying in Japan, were offered in the online event halls.



#### University Booths at EJE 2020





Introduction of the Graduate School of Media Design (KMD)



Experience Japan Exhibition 2020 Online Event Hall

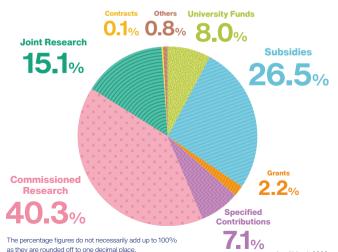
## Research at Keio

1st among Japanese private universities (10th overall)

In FY 2020, Keio University received 3.6 billion yen (32 million dollars)\* in Grants-in-Aid for Scientific Research—the largest competitive research fund provided by the Japan Society for the Promotion of Science (JSPS)—the highest amount received by a private university and 10th highest in Japan overall.

In FY 2019, Keio University received 6.2 billion yen (59 million dollars)\* in research funds from private corporations.

## Research Funds by Type Total Funding: 23.4 billion yen



As of May 1, 2020

#### **Highly Cited Researchers**

Four faculty members of the School of Medicine—Professor Kenya Honda, Associate Professor Koji Atarashi, Assistant Professor Takeshi Tanoue, and Professor Toshiro Sato—were selected as Highly Cited Researchers by Clarivate Analytics in November 2020. This is a recognition of outstanding researchers in 21 scientific categories who have published multiple papers which rank in the top 1% by citations. Out of 6,167 worldwide researchers, 90 were selected from Japan.





#### **COVID-19 Related Research**

In May of 2020, Keio University, Tokyo Medical and Dental University, Osaka University, Tokyo University's Institute of Medical Science, Kitasato University, Kyoto University, and the Japan Agency for Medical Research and Development (AMED), assembled a team of experts in the diverse fields of infectious diseases, virology, molecular genetics, genome medicine, computational science, and statistical genetics to form the "Joint Research Coronavirus Task Force." This taskforce is the largest contributor in Asia to the world's most extensive analysis of genome-wide determinants for COVID-19 run by the COVID-19 Host Genetics Initiative, an ongoing international collaborative research group. For more information about the latest developments in COVID-19 research at Keio University please refer to the link below. https://www.research.keio.ac.jp/en/external/pr/covid-19\_en.html

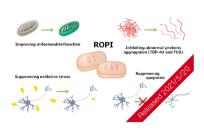
## The World-First Calculation of the Excited States of OLED Materials on Quantum Computers

The IBM Quantum Network Hub, a part of the Keio University Quantum Computing Center, in a collaborative effort with Mitsubishi Chemical, IBM Japan, and the JSR Corporation, has achieved the world's first calculation of excited states of commercial materials using quantum computing technology. This is expected to contribute to the



development of more efficient luminescent materials as computational capacities evolve in step with the ability to perform more precise calculations than were previously possible.

## Potential New Drug Identified for Amyotrophic Lateral Sclerosis (ALS)



Jin Nakahara, Director of the Keio University Hospital Department of Neurology, and Professor Hideyuki Okano's research group from the School of Medicine's Department of Physiology conducted physician-led clinical trials

involving the administration of ropinirole hydrochloride to Amyotrophic Lateral Sclerosis (ALS) patients. The trials showed the drug, which is also used as a treatment for Parkinson's disease, to be both a safe and effective treatment for ALS patients.

## The Social in Psychiatries: Depression in Myanmar, China, and Japan

Professor Junko Kitanaka of Faculty of Letters is a participating researcher in the "Global Social Medicine Network," which uses psychiatry, sociology, and other fields to study medicine from a social



perspective. An article co-authored by Professor Kitanaka was included in The Lancet medical journal as part of this project, which examines how social, governmental, and cultural backgrounds inform a society's understanding of depression, comparing case studies from the three countries of Myanmar, China, and Japan.

## Governmental Policy Evaluation Based on the Japan Child Panel Survey (JCPS)

A research team led by Associate
Professor Michio Naoi, and Professor
Hideo Akabayashi of Faculty of Economics
have completed a study using the "Japan
Child Panel Survey (JCPS)" and other
sources to evaluate whether fluctuations in
household income caused by adjustments
to child-support allowances affected
educational expenditures or influenced a
child's academic abilities. The study
concluded that, while raising child-support
allowances did influence the amount that
families spent on education, there was no
proof that it directly improved academic abilities.



## SDGs at Keio

Keio University has fostered multiple efforts to realize the United Nation's Sustainable Development Goals (SDGs). These include the Keio xSDG Laboratory which conducts research related to and utilizing the SDGs; the Office of Community and Regional Affairs which cooperates with the local community; and the Office for Equity, Diversity, and Inclusion which strives to realize a campus where everyone can learn and work to achieve their full potential.





Keio University supports the Sustainable Development Goals

## Keio University Ranked 51st Times Higher Education Impact Rankings 2021



- Times Higher Education Impact Rankings 2021

Keio University was ranked 51st in the world in the THE Impact Rankings for 2021 under "Goal 9: Innovation and Infrastructure," achieving particularly high ratings in "Patents" and "University Spin-offs."

## Equity, Diversity, and Inclusion Initiatives



In September 2019, Keio University established the Keio University Charter for the Promotion of Equity, Diversity, and Inclusion to realize a collaborative society in which people recognize diverse values, give equal respect to the dignity of oneself and others, and endeavor to cooperate with one another.

Under the leadership of the university's president, Keio is promoting gender diversity initiatives on its campuses and joined the "30% Club" in December 2019.

In January 2020, the university launched the Keio Infant Daycare Support (KIDS) program to assist faculty and staff members with childcare.

Through this program, Keio promotes childcare support by providing financial assistance for daycare when academic conferences are held on campus or classes are held on holidays. The program has also set up a dedicated childcare support desk for faculty and staff members.

Wheelchair Fencing

Photo by Paralympics GB ©ImageComms



## Hosting Pre-Games Training Camps for Team GB and ParalympicsGB

Keio's Hiyoshi Campus hosted preparation camps for the British Olympic and Paralympic delegations, with Team GB training from July 8 to August 7, and ParalympicsGB training from August 13 to September 2. These were some of the largest preparation camps for an international team provided in Japan.

Students, staff, and faculty members, some of whom were medical professionals, supported the teams during the training camps despite the added hurdles of the COVID-19 pandemic. In thanks, Team GB donated training equipment to the university as a legacy of the Games. The Olympics also provided opportunities for online intercultural exchanges between athletes and Keio students.



Team GB Performance Gym at the Commemorative Hall at Hiyoshi Campus

Photo by Team GB ©Sam Mellish

# Alumni Association and Notable Alumni



Naoko Imoto Education Specialist, UNICEF and an Olympic Swimmer (Atlanta '96)



Akihiko Hoshide

JAXA astronaut

Photo: JAXA/NASA

There are around 390,000 Keio alumni. The university's alumni association is called the "Mita-kai," and there are 881 of these. There are 75 "Mita-kai" overseas. (as of December, 2020)

**Dr. Takeshi Kasai**Regional Director of the WHO
Western Pacific Regional Office





Toshio Suzuki
Producer, Studio Ghibli
Photo: Nobuyoshi Araki



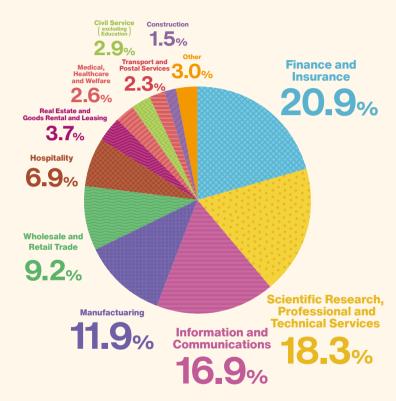


## Career Capability

To date, Keio has produced a great number of professionals such as lawyers, certified public accountants, and doctors working throughout Japan. In 2020, the university was ranked first in Japan for the 46th consecutive year in number of people who passed the certified public accountant (CPA) examination. In 2021, Keio also ranked first in Japan for the number of those who passed the bar examination in addition to the CPA.

# Keio's Graduates are Active in Every Sector of Society

## Where AY 2020 Keio Graduates Work (Total Graduates: 4,528)



As of April 30, 2021 according to data from surveyed graduates.

"Other" includes but is not limited to the following industries: electricity, gas, heat supply and water, agriculture, forestry, fisheries, and mining.

The percentage figures do not necessarily add up to 100% as they are rounded off to one decimal place.

The above data include some graduates entering further education while working.

## Finance

For the year ending on March 31, 2021, Keio had an annual revenue of about 170 billion yen.

Of the total revenue, about one-third comes from tuition and other fees, another third from medical services, and the remaining from government subsidies, gifts and donations, investments, etc. Keio has a scholarship fund of about 24 billion yen.

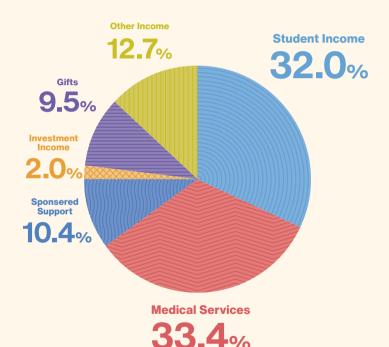
#### **Financial Report**

Summarized financial information for the year ending March 31, 2021

Revenue	JPY	USD
Student Income	54.6	492
Medical Services	56.9	513
Sponsored Support	17.7	160
Investment Income	3.3	30
Gifts	16.2	147
Other Income	21.7	196
Total Revenue	170.7	1,538
Expenses	JPY	USD
Employee Benefits	70.2	633
Other Expenses	86.8	782
Total Expenses	157.1	1,416
Operating Results	13.5	122
Transfers	(16.8)	(151)
Operating Results after Transfers	(3.2)	(29)
	In billions of Yen	In millions of Dollars

(\$1=¥111)

## 170 billion yen



## At a Glance

As of September, 2021



Japan's first modern institution of higher learning



Major campuses in the Tokyo region



Total number of university students



Total number of full-time university faculty



Total scholarship funds (yen)



Number of book volumes held by the library (5th among university libraries in Japan)



QS World University Rankings 2022



for Grant-in-Aid for Scientific Research



Keio Medical Science Prize winners who became Nobel laureates



One of the 14 Core Clinical Research Hospital in Japan



Courses given in English



Degree Programs offered in English



31

Double Degree Programs



Countries & regions represented in our student body



International partners



Total number of alumni



Total number of overseas alumni organizations



Official extracurricular clubs and teams

## X Keio University

