



KYUSHU UNIVERSITY

# DISCOVERY

2016-2017

# A University Always Facing Up to Future Challenges

On our 100th anniversary in 2011, Kyushu University raised the slogan "Breakthrough Top 100 University" to leap into the top hundred universities in the world in all fields. Our basic philosophy is to "continue autonomous reform as well as to ensure an international quality of education, and to become a center of research and education of the highest standards, full of vitality, and constantly addressing future challenges."

Kyushu University's strength as a key university is that researchers conduct creative, basic academic studies in a wide range of fields on the basis of their intellectual curiosity. A broad foundation for academic research enriches cultural and social life, becomes the motivational force for innovation, and has allowed us to boldly face up to once unimaginable global environmental issues, to our current resource and energy problems, and to the pathology and treatment of incurable diseases, which has led to many great achievements. Focusing once more on these fundamental values of academic research, we will strengthen the support system to further develop it.



**Chiharu Kubo**  
President,  
Kyushu University

In academic research, we will become the driving force for contact between different fields in order to develop new frontiers. We aim both to promote highly specialized academic fields as well as to integrate and fuse these academic fields into a greater whole.

For areas that are expected to lead to outstanding world-class research achievements, we will aim for further heights and place an emphasis on supporting these fields to form a world-class research center, actively promoting cutting-edge research that leads to solving the problems that humanity faces and by proposing and demonstrating new social systems.

Science and technology, including the humanities and social sciences, all support social and economic development. In addition, modern times require people who can play an active role in a globalizing society and economy. Such persons need to develop basic knowledge across the humanities and sciences as well as interdisciplinary thinking skills for problem-solving and the ability and attitude to autonomously continue learning to identify problems and find solutions. Communication skills are also essential to cooperate and build good relationships with people holding different values, and this includes foreign language proficiency. Kyushu University aims to develop such skills in its students, and by actively promoting study abroad in its KIKAN education and the new school is being prepared, we will train active learners with high international awareness.

Kyushu has been the gateway to Japan for receiving continental civilization since ancient times and has fostered a local culture with tolerance for different cultures. In addition, the campus is located in the very area that first took up continental culture, and it is surrounded by the rich nature of the sea and mountains. Students develop in this rich cultural and natural environment, with excellent teachers in education and research, a cosmopolitan student body, and a wide-ranging interaction with people in the local community and in local industry; they will become independent and develop into future leaders of society.

With the low birthrate and aging population, it is critical to develop industry and employment opportunities in order to develop and pass on a rich culture underpinned by vibrant economic activity. Kyushu University will contribute powerfully to the creation and development of local industry by leading innovation in science and technology. In recent years, science and technology innovation has been applied rapidly and implemented in society through wide-ranging interactions between universities, industry, the public sector, and the private sector. As seen in our research on hydrogen energy and social information infrastructure, Kyushu University contributes to regional vitalization by becoming a core of open innovation and by promoting a strong cooperation between industry, academia, the public sector, and the private sector.

Towards the implementation of these goals, Kyushu University formulated "Action Plan 2015-2020." Kyushu University promotes a variety of activities of education, research, clinical medicine, and contribution to society and maintains its status as a university that is always facing up to future challenges.

## Action Plan (key points)

- |     |   |
|-----|---|
| I   | Conducting research at the highest global standard and encouraging innovation           |
| II  | Fostering global talent   |
| III | Contributing to the local and international communities through advanced medical care   |
| IV  | Developing an enhanced campus that students, staff, and faculty members can be proud of |
| V   | Organizational reform   |
| VI  | A university that develops in tandem with society                                       |

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# History

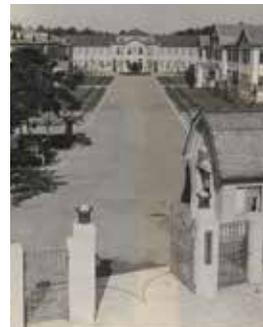
Kyushu University's founding can be traced back to the establishment of a medical school for the Fukuoka feudal clan in 1867. The facility's medical school and clinic were maintained and later became the Shuyukan Clinic, Fukuoka Hospital, Fukuoka Prefectural Fukuoka Medical School and Fukuoka Prefectural Fukuoka Hospital; in 1903, these merged to form the Kyoto Imperial University Fukuoka Medical School, the immediate predecessor of the university. In 1911, the school was renamed Kyushu Imperial University and went on to build 100 years of history and tradition as a contemporary center of knowledge.



Entrance to Kyushu Imperial University College of Engineering (1914)



Faculty of Law and Letter's main building (1925)



Entrance to the Faculty of Agriculture (around 1924)



Albert Einstein visits the university (1922)

Faculties of Law, Economics, Letters and Education established and became part of Kyushu University ● 1949

**Name changed to Kyushu University ● 1947**

Faculty of Sciences established ● 1939

Faculty of Law and Letters established ● 1924

**Kyushu Imperial University established**

(consisting of the College of Engineering and College of Medicine)  
\*fourth imperial university after Tokyo, Kyoto and Tohoku

1919 ● Colleges reorganized as the Faculty of Engineering and Faculty of Medicine  
Faculty of Agriculture established  
● 1911

1903 ● Kyoto Imperial University Fukuoka Medical College established

1888 ● Fukuoka Prefectural Fukuoka Hospital established

1879 ● Fukuoka Prefectural Fukuoka Medical School established

Ceremony commemorating  
the Centennial anniversary ● 2012  
Centennial anniversary  
of the university's founding ● 2011

Ito Campus opened ● 2005

Incorporated as a national university corporation ● 2004

Integrated with Kyushu Institute of Design ● 2003

Kyushu Institute of Design established ● 1968

1967 ● Faculty of Dentistry established

1964 ● Faculty of Pharmaceutical Sciences established

1961 ● 50th anniversary of the university's founding



Ceremony commemorating 50th anniversary (1961)



Faculty of Pharmaceutical Sciences at the time of its establishment (1964)



Ceremony commemorating the integration with Kyushu Institute of Design (2003)



Ceremony commemorating the opening of the Ito Campus (2005)

Ceremony commemorating Centennial anniversary (2012)



# Broad-Based Learning and Deep Specialization: Quality Education for True Leadership

School of Interdisciplinary  
Science and Innovation

—2018.4 START—

Kyushu University is planning to open the school of Interdisciplinary Science and Innovation, with a capacity of 105 undergraduate students, in April 2018. The new school will cultivate individuals with a global mindset, capable of identifying issues for themselves and working with others to create solutions or innovation, using global issues and challenges as themes for learning.

## Innovating Together for Today and Tomorrow

Innovation

A wide range of disciplines

Class Share

Improving language skills

Study abroad

Framing social problems

Data science

Design thinking

Exchange of knowledge

Interdisciplinary

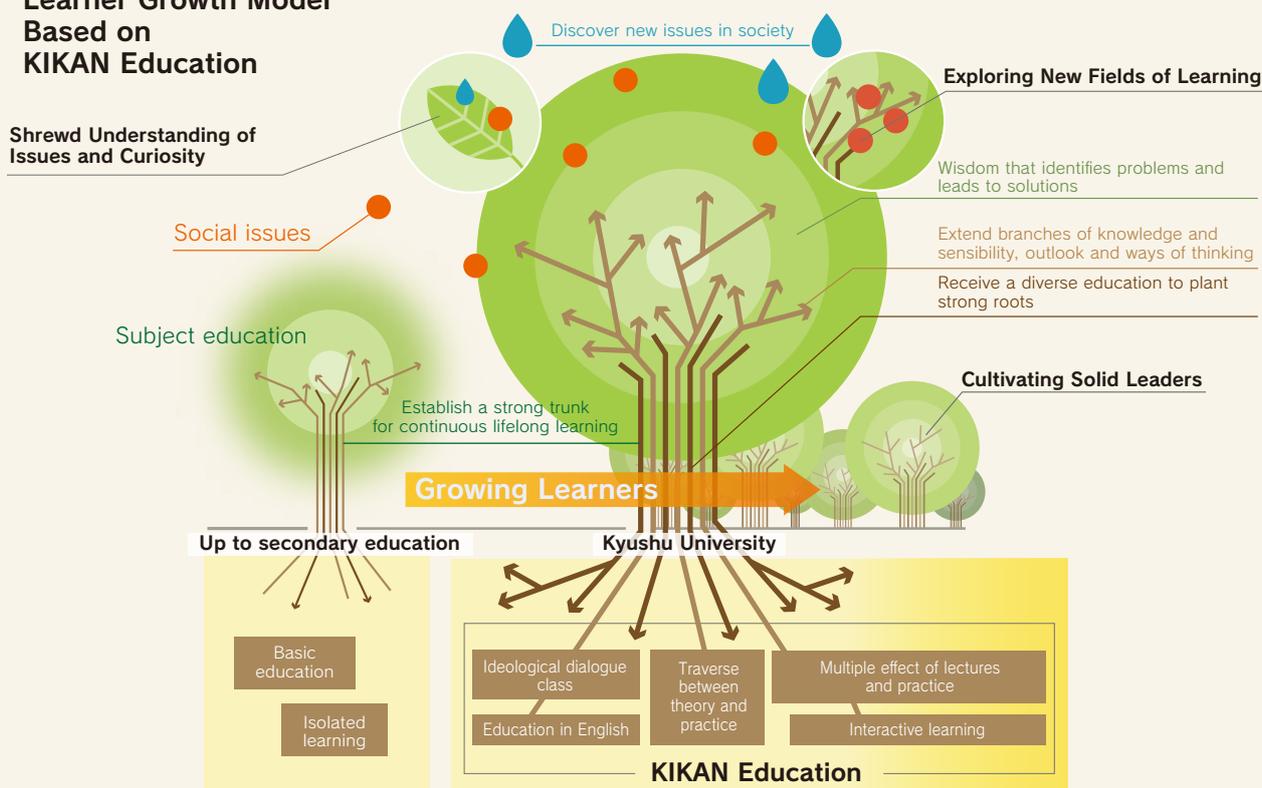
Issue-Based Learning(PBL/TBL)

# KIKAN Education

## Generating Questions and Creating New Knowledge

Through KIKAN education, students learn fundamental educational skills, such as "how to look, think, and learn", which are the basics for new knowledge acquisition and problem solving. Universities require students to pose their own questions and pursue truth via independent learning. In order for students to acquire such learning, they cannot stop at simply accumulating the important knowledge and skills that form the foundation of learning, but need to utilize knowledge already gained and compare it with experience to creatively and critically pose and examine the questions "Why?" and "Is there another possibility?" Students must make a mental habit of learning by "questioning" to reconsider an issue from a new perspective and continuously challenge people, objects and events of the world with an active intellectual curiosity. Doing so creates the foundation to proactively and independently persevere to seek new knowledge and possibility, without fear, in any issue or situation.

### Learner Growth Model Based on KIKAN Education



### ● KIKAN Education: Content and Objectives

Study period	First year	From second year
Credits	36 credits or more	10 credits or more (It differs depending on departments.)
Location(campus)	Ito Campus	Campus of specialized area of study
Curriculum objectives	Transition to learning as a university student: from a passive to an active learning style and from an emphasis on knowledge to an emphasis on thought. Students develop a basic orientation to learning at the college level and acquire related knowledge.	Students acquire perspectives and knowledge that transcend their respective areas of specialization based on changes in their own awareness and interests occurring as the result of study and experience.

### ● KIKAN Education Instills Mindset and Orientation for Active Learning

<p><b>Improving Thinking Skills</b></p> <p>KIKAN Education Seminar Interdisciplinary Collaborative Learning of Social Issues</p>	<p><b>Nurturing a Healthy Body and Mind</b></p> <p>Subjects on Health and Sports</p>	<p><b>Acquiring Broad, More Sophisticated Knowledge</b></p> <p>Subjects for Languages and Cultures General Subjects Subjects in Humanities and Social Sciences Subjects in Science Subjects for cyber security(2017.4~)</p>	<p><b>Active Learner at a Deeper Level</b></p> <p>KIKAN Education subjects for students in the second year and above</p>
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# The 21st Century Program

## An Interdisciplinary Undergraduate Program That Transcends Conventional Demarcations

The 21st Century Program is an interdisciplinary curriculum geared to shaping capable people who will lead through this century. The aim is to foster “highly specialized generalists” capable of identifying problems, defining issues and generating solutions at an advanced level and from a broad frame of reference for the various challenges facing society and humankind in general in the 21st century.

### ● Four Educational Principles of the 21st Century Program

#### Develop Human Resources for the 21st Century

What society needs is a new form of knowledge—one capable of adapting to various changes and that can transcend existing knowledge demarcations toward quickly identifying and solving problems. The goal of the 21st Century Program is for students to acquire and apply such new knowledge and in doing so serve as this century’s leaders in contemporary arenas—from politics and economics to science, technology, society and culture.

#### Highly Specialized Generalists

The 21st Century Program conceives of individuals that acquire this new form of knowledge as highly specialized generalists. Such generalists possess specialized knowledge in a particular field, but they are also capable of crossing over into related disciplines and integrating the various subject areas from a broad standpoint. Highly specialized generalists are therefore the people who can act as a bridge between the specialization that is typical of academic knowledge and society at large.

#### Creative Knowledge and Foundational Knowledge

Toward promoting the type of knowledge that can spark creativity, this program encourages students to learn independently. To be able to identify and solve problems themselves, students need to devote their efforts toward independent learning that creatively utilizes the whole of the university’s course offerings. Taking proper advantage of this independence demands that students acquire foundational knowledge, which is necessary to understand, interpret and solve the problems facing contemporary society, and that they acquire the communication and language skills to express it.

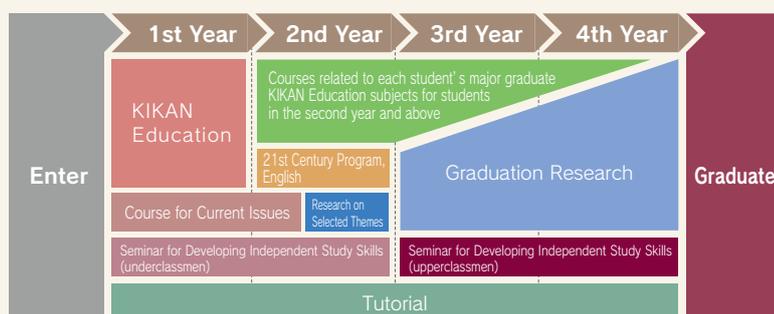
#### Open to the Outside World

The outside world here refers to society. Even within courses, our mindset is to build up thorough-going students who positively interact in society, tackle social problems, and are capable of applying university knowledge to those conundrums facing communities. But being open to the outside world also means going beyond the framework of one’s own country. As globalization continues, it will be necessary to think and act from an international perspective and people that are able to do so effectively are likely to play an increasingly important social role. The 21st Century Program aims to nurture such individuals

### ● Tailor-Made Educational Program

With the 21st Century Program, students may in principle take courses offered in any department at Kyushu University. In effect, the students themselves decide what they study. Students adopt a broad perspective and take classes according to a study plan they create based on their interests and aims. Some set requirements do exist, but other than those, students may tailor their curriculum to meet their own needs. With this approach, it is expected students that demonstrate the self-initiative and independence they will need in their future careers.

### Curriculum construction of the 21st Century Program



# Entrepreneurship education

## Unique Program for Greater Challenge and Creativity

### Robert T. Huang Entrepreneurship Center (QREC)

QREC is a comprehensive education and research center concerning entrepreneurship that was founded on the basis of donations provided by Dr. Robert T. Huang, an alumnus of Kyushu University who made very successful achievements as an entrepreneur in the United States, to commemorate the centenary of the university. It provides lectures open for all undergraduate and graduate students of the university on around 30 subjects each year. In addition, QREC supports students' creative activities and fosters future entrepreneurs who are eager to take on challenges to create new values and realize their dreams in various corners of society.

### Goals of QREC

QREC fosters future entrepreneurs who are eager to take on challenges to create new values and bring innovations to various corners of the world.

QREC, with its uniqueness and international competitiveness, also aims to become one of the leading comprehensive entrepreneurship education and research institutions not only in Kyushu and Japan but also in the whole of Asia by training future entrepreneurs to acquire the capabilities to respond to the current challenges of the world such as business startup in emerging countries and social entrepreneurship.

#### Global

QREC aims to develop education curriculums meeting the global standards by forming a network of partnerships with universities, companies and other organizations in the United States, Asia and other regions across the world. It also actively promotes international student and teacher exchange. QREC provides a diverse research and education environment by encouraging active participation by foreign students.

#### Practical

In addition to classroom lectures, QREC provides impactful hands-on lectures relating to practical affairs, including case studies, lectures given by active entrepreneurs, project-based education, and interactive discussions. By taking advantage of the industry-academia partnership developed by Kyushu University, QREC also provides lectures in collaboration with companies and promotes internship programs.

#### Design

To create new social values, the capability to identify challenges and "design" solutions is essential. Enhancing the capability to do that makes it possible to realize dreams. Nurturing this design capability is QREC's goal.

### ● QREP2.0

QREP2.0 is an education program intended to cultivate entrepreneurship and global perspective. During its period of around a week, QREP2.0 provides students with opportunities to develop readiness to take on challenges through visits to start-ups and universities closely related to entrepreneurship in the United States and receive lectures from people with various backgrounds and mingle with U.S. students. Students come into contact with a great diversity of values different from Japanese values as they become familiar with the world of cutting-edge research and business.



### ● Challenge & Creation (C&C)

The C&C is open to students in all departments, and it provides assistance and practical support for unique research projects planned by undergraduate and graduate students at Kyushu University. Students design and carry out the projects themselves, allowing them to experience real creativity.



Awards ceremony



Fully suitable as a grafted bone with an arbitrary shape



At a tower for comparative testing of wind turbines

# Kyushu University Programs for Leading Graduate Schools: Graduate School for Global Leadership

Kyushu University's Program for Leading Graduate Schools aims to transform exceptional students into exceptional leaders capable of performing on the global stage.

The program offers an integrated master's and doctorate degree of global standard that transcends traditional disciplinary demarcations and, with the participation of government and industry, seeks to produce outstanding graduates.

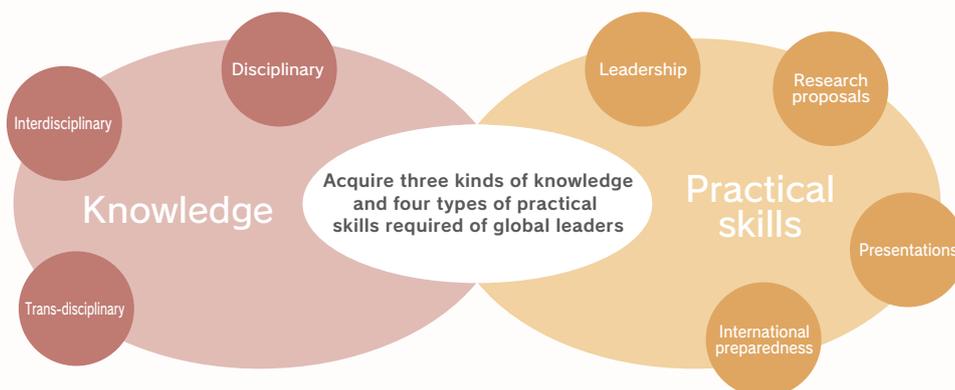


## Graduate Education and Research Training Program in Decision Science for a Sustainable Society

The next generation of global leaders will need to possess different kinds of knowledge in tackling the problems of the future world: disciplinary knowledge within particular subject areas; a broad range of interdisciplinary knowledge to help bring about social sustainability; and new forms of trans-disciplinary knowledge for making the decisions that can lead to novel solutions. Those leaders will also require practical skills, which will include the ability to work across national boundaries, carry out research proposals, produce and give presentations, and also provide inspired leadership. The Graduate Education and Research Training Program in Decision Science for a Sustainable Society is a unique five-year integrated program that gives students the opportunity to develop these innovative forms of knowledge and skills.

### Program Characteristics

- 1 Students explore the general scientific field of decision science, which is concerned with methodologies that lead to successful decisions, and students learn trans-disciplinary thinking skills.
- 2 Students participate in solutions-based joint international research and acquire practical, interdisciplinary knowledge through actual experience in the field.
- 3 Students acquire leadership skills through experience managing an organization of around 100 people via an organizational training workshop.



## Development of Global Research Leaders in Molecular Systems for Devices and Establishment of an International Education and Research Center

In order to overcome the current situation and be responsible for the development of next-generation industrial cores without any rivals, it is imperative not only to acquire advanced capabilities to carry out researches based on outstanding professional expertise and broad perspective across various fields, but also to cultivate decision-making and communication skills and core elements of humanity such as passion and sensitivity.

By providing education from diverse viewpoints through the partnerships among industry, government and academia, our program fosters leading researchers in the scientific field of molecular systems for devices who will be capable of making impact and contribution to the international community.

### Portrait of Graduates

- ✓ Outstanding Expertise and Basic Academic Skills
- ✓ Humanity (passion / sensitivity / dreams)
- ✓ Global Awareness
- ✓ Ability for Research Strategy & Planning
- ✓ Communication Skills
- ✓ Leadership (decision-making ability)



### Advanced R&D Leader of Molecular Systems for Devices



Stage 1

#### Kyushu University Ito Campus

Preparation for leading innovation R&D (1st and 2nd year)



- Education center for global leaders in molecular systems for devices
- Laboratories in each department of Kyushu University

Stage 2

#### Overseas Collaborative Research Organization

English education and development of global awareness (3rd year)



- Collaborating research institutes in North America, Europe, Oceania and Asia

Stage 3

#### Ito Science Park

Development of the mind towards research strategies and training of practical ability (4th and 5th year)

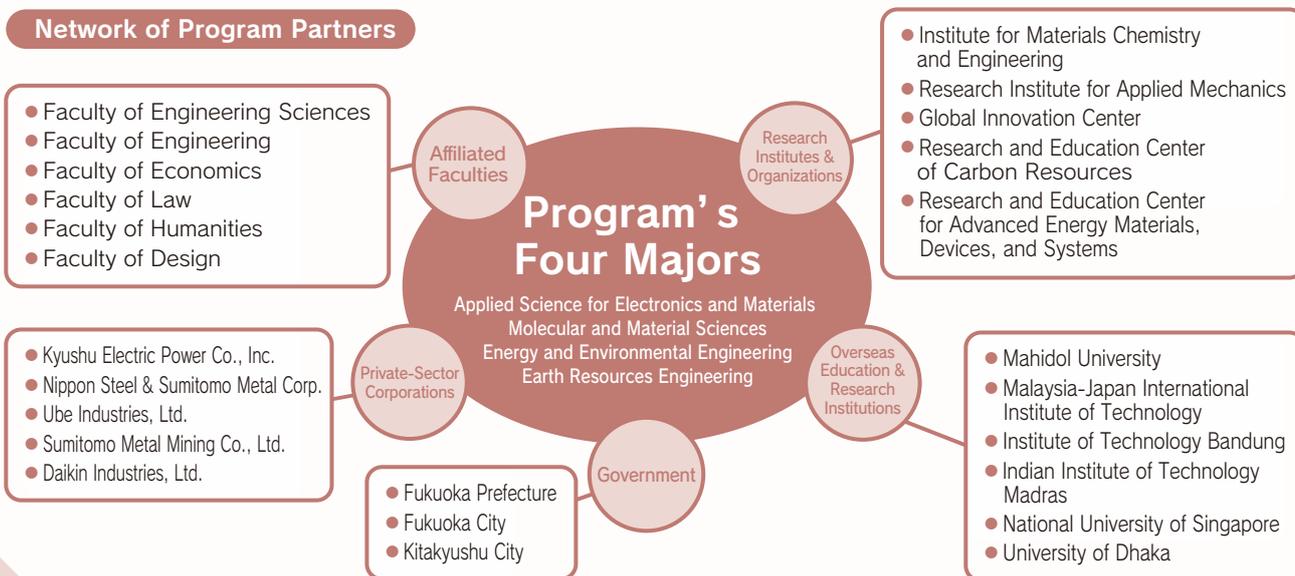


- Fukuoka Industry-academia Symphoncity (FiaS)
- Fukuoka i<sup>3</sup> Center for Organic Photonics and Electronics Research (i<sup>3</sup>-OPERA)
- Creative Laboratory, Ito Campus

## Advanced Graduate Program in Global Strategy for Green Asia

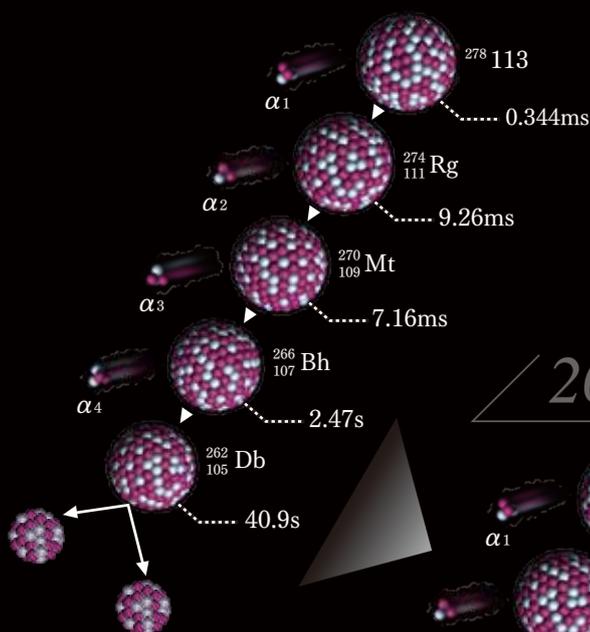
This program fosters science and technology leaders who will help bring about a Green Asia—an Asia that is both ecologically sound (reduced consumption of resources) and economically dynamic. Graduate students major in resource engineering, molecular and material sciences, or system engineering, directing environmental science/technology, and the fundamentals of economics and sociology in an integrated manner while accumulating practical experiences in Japan and overseas. Through the program, students gain the skills and abilities required of leaders in science and technology, including research, practice, system landscape, global perspective and leadership at the same time as developing professional networks throughout Asia.

### Network of Program Partners

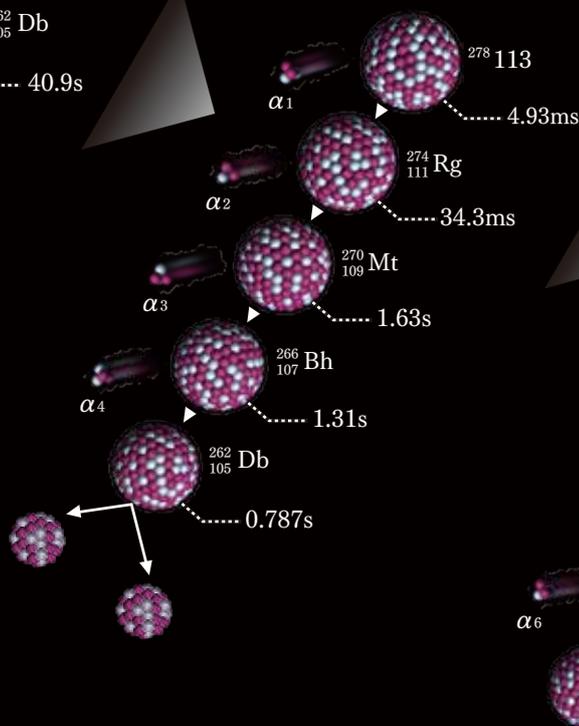


World-leading research and Industry-university public-private partnership

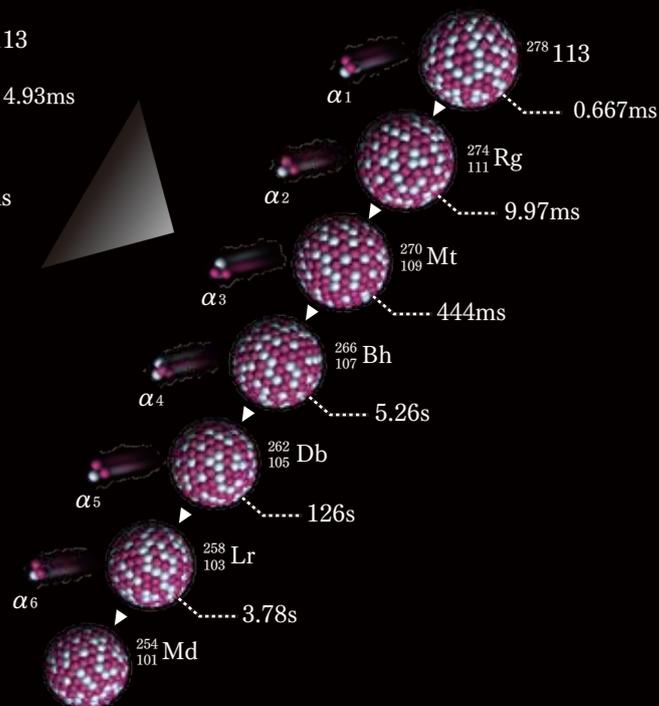
2004.7.23



2005.4.2



2012.8.12



Nihonium element name approved

This is the first case in which scientists from an Asian country have named the atomic element 113.

The official name of an atomic element 113 : Nihonium

The symbol of an atomic element 113 : Nh

Synthesis of Element 113

Element 113 was synthesized by colliding zinc (atomic number 30) nuclei into bismuth (atomic number 83). After the synthesis, alpha decay (Figures α1 to α6) occurred with a discharge of two protons and two neutrons, with the result that the element was gradually transformed into roentgenium (atomic number 111), meitnerium (atomic number 109), bohrium (atomic number 107) and dubnium (atomic number 105), in that order. In tests conducted in 2004 and 2005, dubnium underwent spontaneous fission, and in a test conducted in 2012, the element was transformed into lawrencium (atomic number 103) and mendelevium (atomic number 101) through repeated alpha decay.

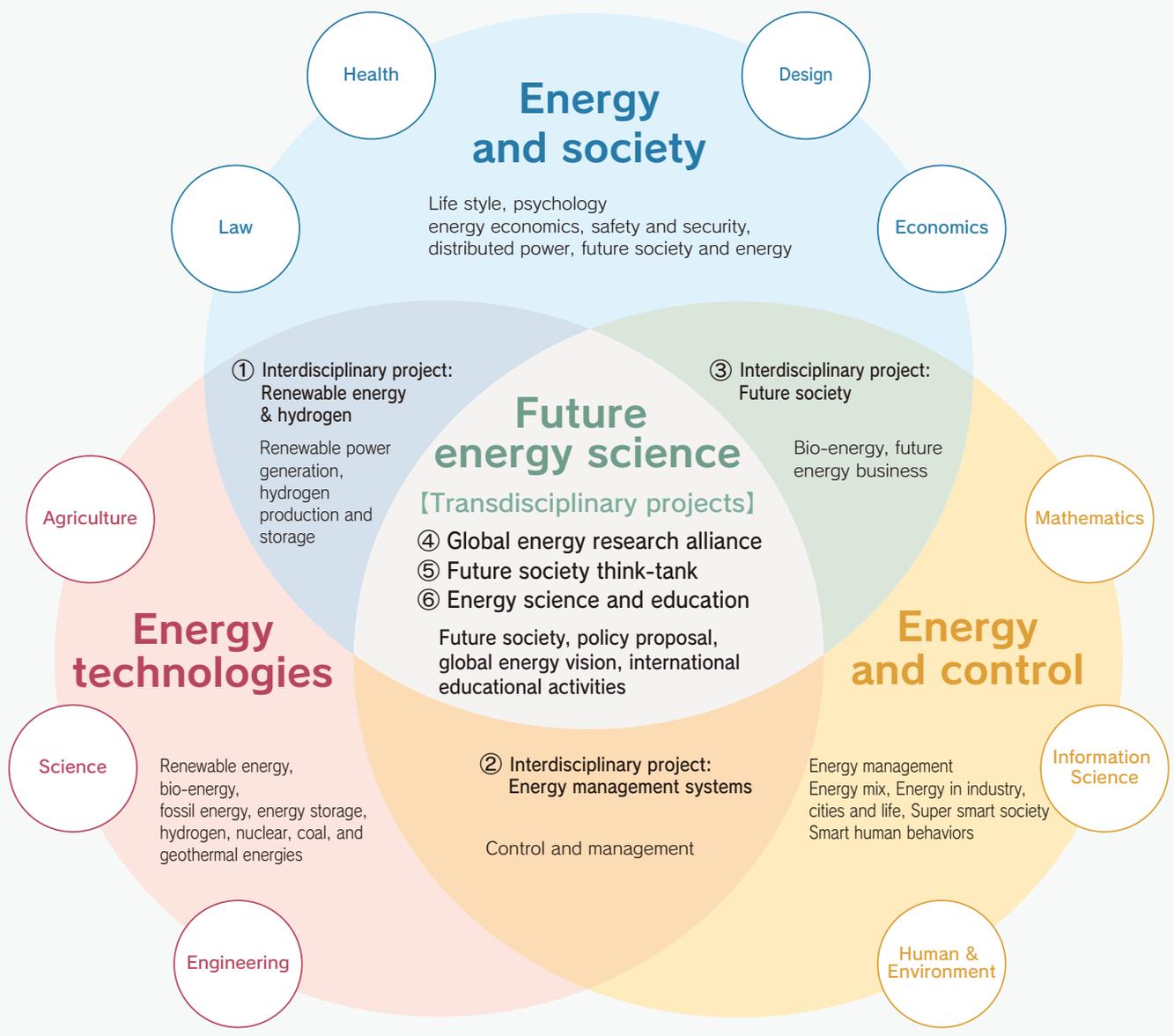


Professor Kosuke Morita  
Faculty of Science, Kyushu University  
Group Director, Research Group for Superheavy Element, RIKEN

# Platform of Inter/Transdisciplinary Energy Research



- To present a concrete vision of “new energy for a society in the latter half of the 21st century and at the dawn of the 22nd century,” this institution will play the leading role in promoting technological, industrial and social paradigm shifts by developing an energy system of a future society through the fusion of such research fields as primary energy (natural energy and hydrocarbon fuels), secondary energy (e.g. hydrogen) and policy recommendation. The institution will promote this initiative as a university-wide organization bringing together energy-related researchers from both the natural sciences and humanities fields.
- “All-Kyushu-University Platform” for trans-faculty collaborations suggests ideal future energy society
- Interdisciplinary and Transdisciplinary Energy Researches provides in-depth collaborative various projects utilizing the strength of a comprehensive university.



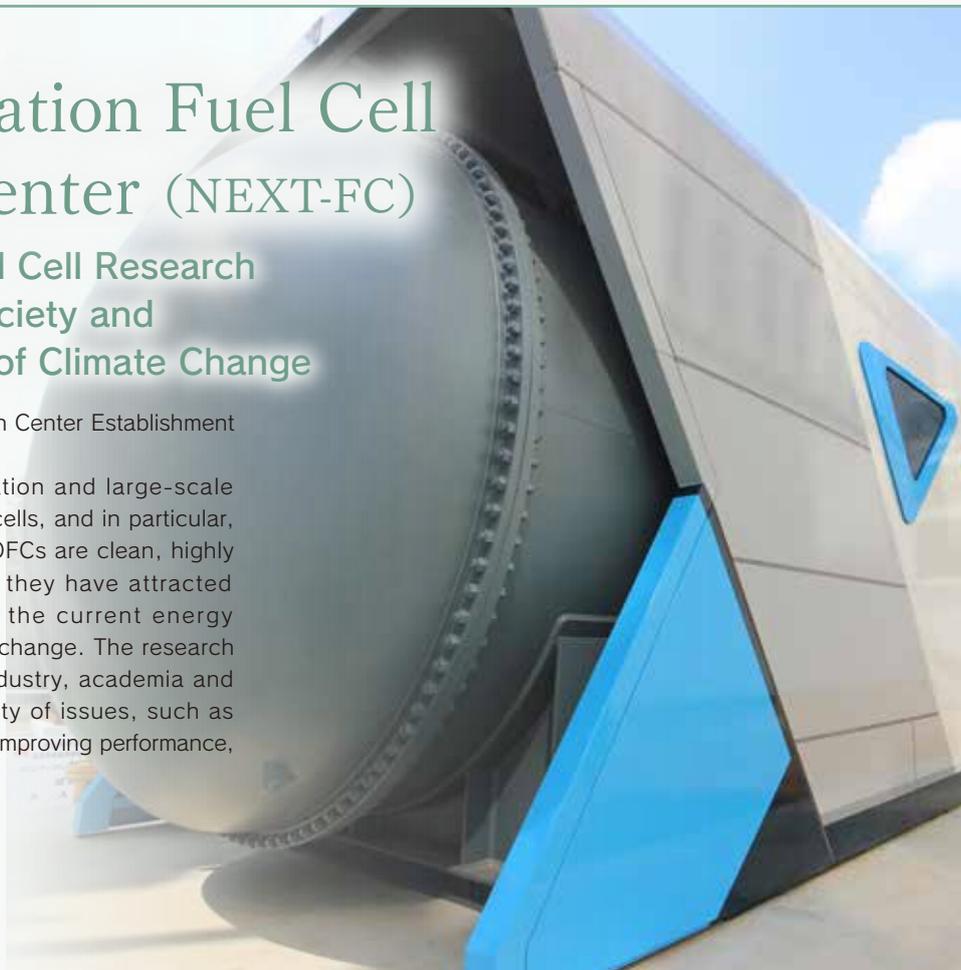
- Layered Areas (① to ⑥) : Platform for interdisciplinary / transdisciplinary research
- Non-layered Areas : Faculty / Institute / Center for individual research

# Next-Generation Fuel Cell Research Center (NEXT-FC)

## Next-Generation Fuel Cell Research for a Low-Carbon Society and to Tackle the Issues of Climate Change

Selected for 2011 METI Innovation Center Establishment Assistance Program.

The center's goal is the realization and large-scale adoption of next-generation fuel cells, and in particular, solid oxide fuel cells (SOFCs). SOFCs are clean, highly efficient power generators, and they have attracted attention as a key solution to the current energy challenges in the face of climate change. The research center is working closely with industry, academia and government to overcome a variety of issues, such as increasing durability and reliability, improving performance, and accelerated uptake.



# International Institute for Carbon-Neutral Energy Research (I<sup>2</sup>CNER)

## Carbon-Neutral Energy Research for the Creation of a Sustainable and Environmentally-Friendly Society

I<sup>2</sup>CNER was inaugurated as a World Premier International Research Center Initiative (WPI) of MEXT in 2010. I<sup>2</sup>CNER's mission is to contribute to the creation of a sustainable and environmentally-friendly society by conducting fundamental research for the advancement of low carbon emission and cost effective energy systems and improvement of energy efficiency. The array of technologies that I<sup>2</sup>CNER's research aims to enable includes Solid Oxide Fuel Cells, polymer membrane based fuel cells, biomimetic and other novel catalyst concepts, production, storage, and utilization of hydrogen as a fuel, and the underlying science of CO<sub>2</sub> storage or the conversion of CO<sub>2</sub> to a useful product.



The WPI provides concentrated support for projects to establish and operate research centers that have at their core a group of very high-level investigators. These centers are to create a research environment of a sufficiently high standard to give them a highly visible presence within the global scientific community—that is, to create a vibrant environment that will be of strong incentive to frontline researchers around the world to want to come and work at these centers.

# Center for Organic Photonics and Electronics Research (OPERA)

## Groundbreaking Organic Materials and Devices for Creating Future Electronics

Using thin layers of carbon-containing molecules as semiconductors, organic electronics make possible LEDs, transistors, and solar cells that can be thin and flexible. Through the Adachi Molecular Exciton Engineering Project, OPERA is creating new organic molecules and devices to control the energy (called "excitons") in organic semiconductors and unlock new functions and applications. This work will advance the realization of organic semiconductor lasers, high-performance organic LEDs, energy storage devices, and solar cells, and, as the next step, biocompatible devices.



# Research and Development Center for Taste and Odor Sensing

## World's First Taste Sensor to Detect and Identify Flavors

Kyushu University has succeeded in developing the world's first sensor to detect and identify different tastes using lipid polymer membranes. The sensor can identify and evaluate tastes by means of global selectivity: it classifies the enormous number of flavorful substances into the five basic taste categories of saltiness, sourness, bitterness, sweetness and umami. The taste sensor has been commercialized by Intelligent Sensor Technology Inc. and is used by food product manufacturers and research institutes among others. The university is also involved in R&D into aroma sensors.



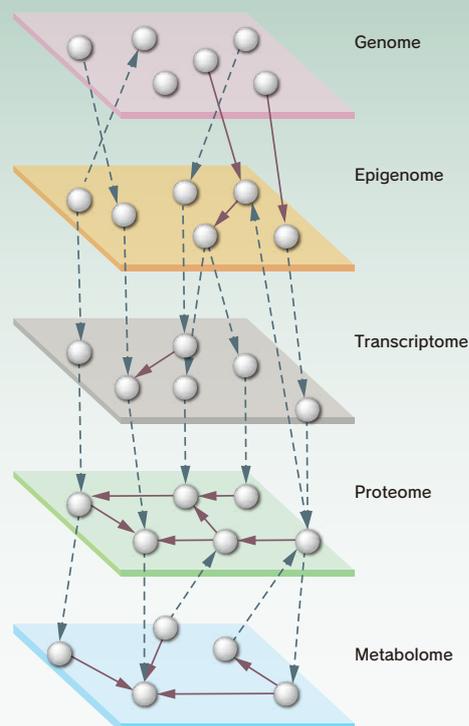
# Medical Institute of Bioregulation

## Global Center of Education and Research for Transomics Medicine

The Medical Institute of Bioregulation has the aim to facilitate understanding of the essential regulatory mechanisms involved in human biology, at the cellular and molecular levels, especially focusing on the host defense system, which is essential to maintain the homeostasis of the human body. We sincerely hope that our research activities will eventually contribute to the understanding of the complex pathological processes and the development of therapies to cure intractable diseases. In 2013, the Research Center for Transomics Medicine was established to create a global research center for medicine with multilayer-omics approaches. Since April 2016, the Research Center for Transomics Medicine has been implementing a project "Inter-University Research Network for Trans-Omics Medicine" as its core, in cooperation with three Joint Usage/Research Centers authorized by Ministry of Education, Culture, Sports, Science and Technology, Japan.

## Trans-omics

A schematic new map of life:  
Across Multiple Omic Layers



## Greenpharma Research Center for System Drug Discovery

### Eco Pharma × Green Chemistry

"Greenpharma" is a new research field for academic drug discovery that was originally established in Kyushu University's Faculty of Pharmaceutical Sciences by combining "Eco Pharma" (an approach to find novel pharmacological effects of the government-approved drugs and to expand their range of indications) and "Green Chemistry" (a method to synthesize organic compounds without yielding harmful by-products). In Center for System Drug Discovery, our aim is to identify candidates of therapeutic drugs and diagnostic markers for chronic pain, cancer, cerebral and cardiovascular diseases, and infectious diseases through the unique research for academic drug discovery "Greenpharma".

## Research Institute of Applied Mechanics

### Ultra-efficient, Next-Generation Compact Wind Power System in the Shape of the Wind Lens

The Wind Engineering Section, Division of Renewable Energy Dynamics has developed the Wind Lens turbine as part of research into the effective use of wind energy with the aim of increasing the proportion of renewable energy in the power mix and contributing to the formation of a society run on clean energy. This wind power system offers dramatically higher generation efficiency as well as boasting quieter operations, safety and an aesthetically pleasing appearance that fits in with the landscape. Wind Lens has therefore drawn attention as the next generation of compact wind turbines.



## Faculty of Design

### Fostering Innovators Capable of Working across National Borders

The Faculty of Design is developing a network of partnerships with other design institutes in Japan and abroad, engages in joint research programs for innovation designs involving industry by taking advantage of the network, and is promoting practical use of the research results in society, with the aim of becoming a global center of design.

The Faculty of Design is devoting efforts to fostering global leaders in the field of design, while incorporating these initiatives into its diverse educational activities to nurture "design thinking", which constitutes the basis of innovation creation.



## Kyushu University Advanced Asian Archaeological Research Center

### A Cross-Disciplinary Research Center of Archaeological Cultural Property in East Asia

The Kyushu University Advanced Asian Archaeological Research Center is comprised of five divisions—the cultural property investigation development division, the excavation investigation-social collaboration division, the precision analysis division, the absolute dating division and the historical information research division. It was established as an organization to conduct research concerning archaeological cultural property in Japan and the rest of East Asia as well as property located within Kyushu University. We aim to develop the Kyushu University Advanced Asian Archaeological Research Center into an international research center of archaeological cultural property in East Asia by equipping it with the most advanced precision analysis appliances and developing a new research system of interdisciplinary.



## Law School (Professional Graduate School)

### Fostering Compassionate Legal Professionals

Kyushu University's Law School is the largest law school in western Japan and is contributing to fostering competent legal professionals as a core regional law school. Its notable features include: interactive and multilateral education in small groups; phased and evolving education programs; close cooperation with the three elements of the judicial community; and an excellent system of self-learning and self-education support.



# Industry-University Public-Private Partnership Make Use of University Knowledge for the Community, Society and the Future

Kyushu University places emphasis on industry-university public-private partnerships in order to make maximum use of all the university's resources—from intellectual property to personnel, facilities, brands and networks—and give benefits back to society. At the same time, through industry-university public-private partnerships, the university gains knowledge of societal trends and needs, and it uses this knowledge to invigorate research and education.

## The Smart Mobility Propulsion Consortium Established

### With the objective of putting self-driving buses into service on Kyushu University's Ito Campus

Kyushu University National University Corporation, NTT DOCOMO, Inc., DeNA Co., Ltd., and the City of Fukuoka established the Smart Mobility Propulsion Consortium. The consortium has been founded with the objective of putting self-driving buses\*1 into service on Kyushu University's Ito Campus in the second semester of the 2018 academic year. We will also conduct a study on deregulation measures that take advantage of National Strategic Special Zones\*2 in addition to driving tests, technology development related to telecommunication networks and service platforms, and related demonstration tests.

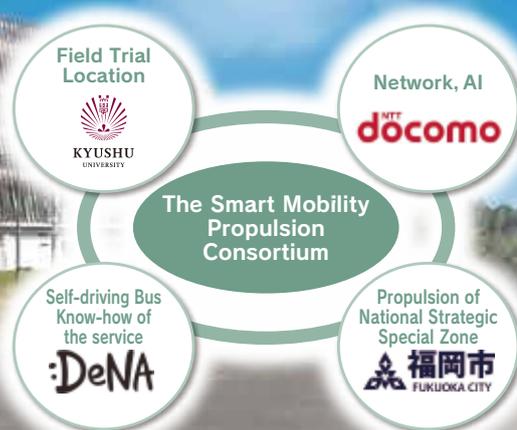
Ito Campus occupies a vast plot of private land with an area of approximately 275 hectares, and there are sloping roads and traffic lights there. As the road environment within the campus is similar to a public road environment where there is heavy traffic of buses, passenger cars, bicycles and pedestrians, it is suitable for developing technologies and accumulating knowhow.

\*1 While the buses will not be equipped with a driver's seat, it is envisaged that there will be an operator on board to deal with emergencies, etc., as the first step toward the transition to driverless operation.

\*2 Special zones designated for the purpose of verifying the effects of the reforms of regulations and institutional systems that are introduced in limited areas in order to invigorate the Japanese economy.

The specifics of technology development related to communication networks and service platforms

- 1 **Road-to-vehicle cooperation technology**  
This doubly ensures bus driving safety by installing sensors at intersections with poor visibility in order to make it possible to detect vehicles and pedestrians that cannot be recognized by on-vehicle cameras and by transmitting the data not only to buses but also to remote monitoring centers.
- 2 **Voice agent technology**  
This provides bus fare information and directions for destinations through on-bus signage.
- 3 **Service operation control technology**  
This helps to reduce driving time by selecting optimal routes based on a forecast number of passengers.

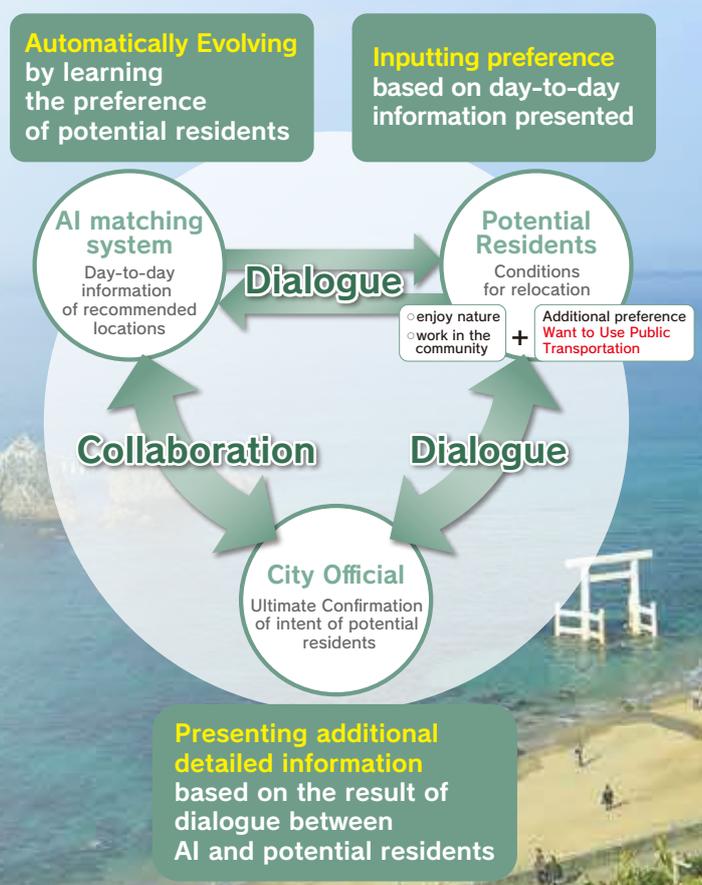


## Field Trial Using Automatically Evolving AI, with the aim of increasing the degree of satisfaction of potential residents

The Fujitsu Social Mathematics Joint Research Unit within the Institute of Mathematics for Industry at Kyushu University, Itoshima City in Fukuoka Prefecture, and Fujitsu Laboratories Ltd. started a joint field trial that, using a form of artificial intelligence that automatically evolves to gradually learn human preferences, seeks to match people wanting to relocate to Itoshima to appropriate candidate locations within the city.

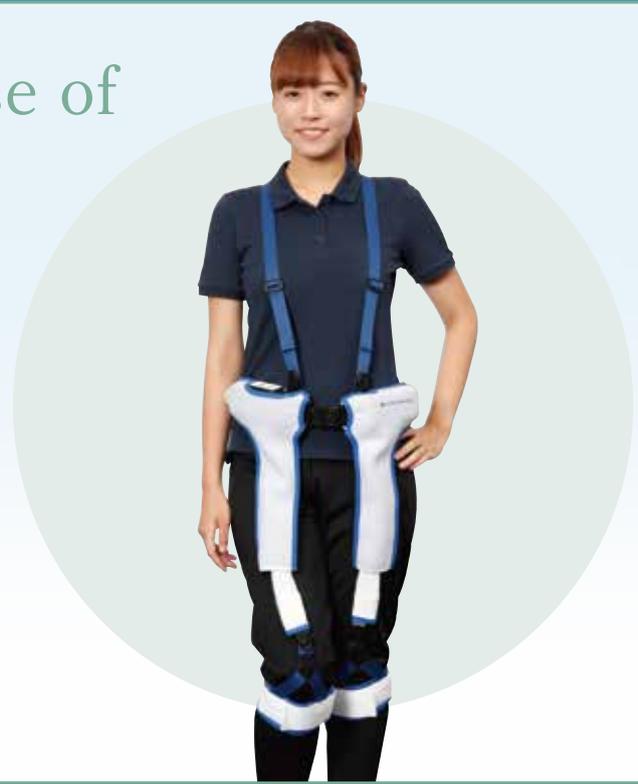
In this field trial designed to help match potential new residents to candidate locations within Itoshima, automatically evolving AI is trained on the preferences of users seeking to relocate. It presents, based on those preferences, day-to-day information\* on such locations that are deemed appropriate for the user, and then seeks to provide appropriate matches through an iterative process in which the user rates the locations presented. Through this trial, the parties seek to develop AI that takes social acceptance into consideration and to build a system for matching people wanting to relocate with locations where they will feel a high level of satisfaction.

\*Day-to-day information  
Rather than just statistical information on such things as population and land areas, this is information rooted in local life that conveys a sense of the local atmosphere and activities.



## Realizing practice use of a walking-assist suit

Kyushu University, together with Itoshima City and Sumitomo Riko Co., Ltd., has opened a facility to support health and nursing care for elderly people and is conducting a demonstration test with a view to realizing practical use of a walking-assist suit. We aim for early start of commercialization of the suit, assuming its use in (1) walking exercises under rehabilitation and preventive care programs and (2) walking exercises in everyday life activities such as shopping and strolling.



# Enhancing International Exchange Programs as a Global Leader in Education and Research

Leveraging its geographic and historical features, Kyushu University has built a foundation as one of the premier education and research centers in Asia.

From this basis, we intend to continue training exceptional people to shape the future in even more fields of endeavor.

The University has been selected by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) for the 2014 Top Global University Project.

Kyushu University aims to enter the top 100 in the global university ranking. To that end, the university as a whole is striving to carry out the reform of governance and institutional systems based on its global strategy by taking advantage of the past achievements in university reform, education and internationalization initiatives as well as its three institutional strengths— disciplinary comprehensiveness, which permits international cooperation in a variety of fields of academic research; programmatic inclusiveness, which fosters activity and participation at undergraduate and graduate, and junior and senior faculty, levels; and global openness, which supports a broad, diverse engagement with the world drawing specifically upon our considerable experience in Asia.

椎木講堂  
SHIKI HALL

## ● The Global University Project: Outline of Initiatives and Promotion System

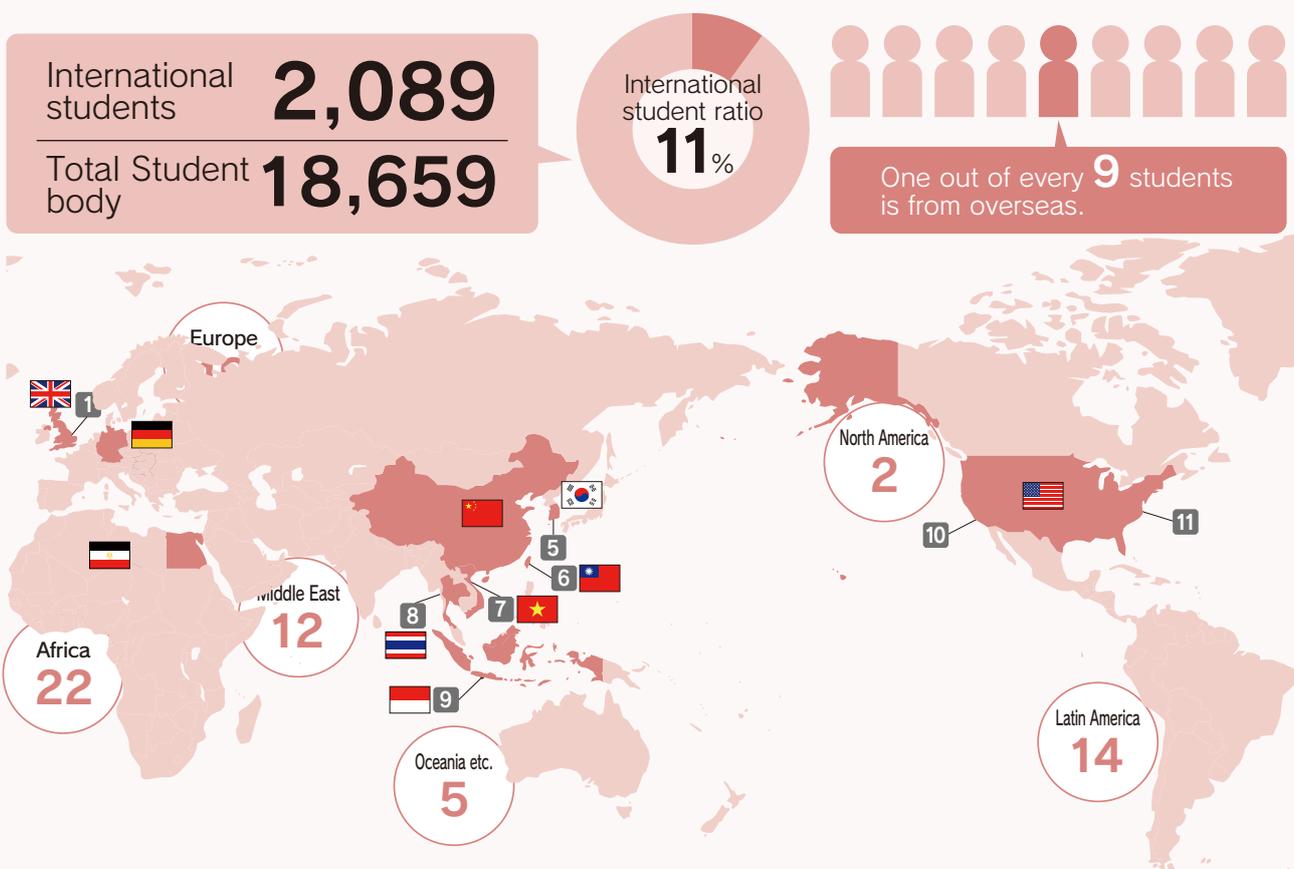
1	<b>Internationalization of Education</b>	Establishment of a new undergraduate school, quarter system, introduction of joint degree (JD) / double degree (DD) programs, etc.
2	<b>International of Research</b>	Research exchange programs with world top universities, strategic overseas training for young scholars, strategic realignment of research and education portfolios, etc.
3	<b>Governance Reforms to Support Internationalization</b>	Establishment of the Globalization Promotion Headquarters, enhancement of the executive functions, promoting young, female, and internationalizing employment system, etc.
4	<b>Improvement of International Reputation (strategic reputation management ( RM ))</b>	Enhancement of international communications, strategic information delivery.
5	<b>Improvement for Internationalized Environment</b>	Establishment and expansion of mixed lodgings for students, career support for international students.(Collaboration with Fukuoka city: National Strategic Special Zone)
6	<b>Development and Enhancement of Overseas Nodes</b>	Research and education hubs (La Trobe University, University of Illinois, Stanford University, etc.)

# International Orientation: Attracting Students from 92 Countries and Regions

Kyushu University works collectively and systematically with international students at all stages, from enrollment to career advice.

## ● International Student Enrollment and Overseas Offices at Kyushu University

More than 2,000 international students assemble at Kyushu University. Overseas offices have been opened around the world to help recruit promising students from overseas, communication and the collecting of local academic information.



### The main countries and regions of international students

China	1,023
South Korea	260
Indonesia	116
Vietnam	75
Malaysia	54
Egypt	46
Thailand	42
Bangladesh	42
Taiwan	40
France	27
USA	22
Brazil	15
Other Asia	121
Other non-Asia	206

### Overseas Offices

- 1** ..... London Office (UK)
- 2** ..... Munich Office (Germany)
- 3** ..... Cairo Office (Egypt)
- 4** ..... Beijing Office (China)
- 5** ..... Seoul Office (South Korea)
- 6** ..... Taipei Office (Taiwan)
- 7** ..... Hanoi Office (Vietnam)
- 8** ..... Branch Office at Mahidol University (Thailand)
- 9** ..... Branch Office at Gadjah Mada University (Indonesia)
- 10** ..... California Office (USA)
- 11** ..... Washington, D.C. Office (USA)

(As of May 1, 2016)

# Developing and Enhancing Systems for Accepting Students and Researchers from Overseas

## ● International Student and Researcher Support Centers

The support centers are located on each campus, and the staff provide support for the studies and lifestyle needs of international students and researchers in Japan. The centers are engaged in further developing systems for accepting international students and researchers.

### [Support Offer]

- Procedures for applying for the Certificate of Eligibility (CoE) to obtain a visa
- Support for traveling from Fukuoka Airport and other points to the dorms or university when arriving in Japan
- Information on searching for an off-campus apartment and help with moving
- Help with various procedures related to living in Japan
- Help with translating university documents into English
- Interpretation at service windows and counters
- Alliances and cooperation with international student support teams
- Other information for international students and researchers related to living in Japan



## ● Short-Term Study Programs for International Students

### Japan in Today's World (JTW)

This program, one-semester or one-year enrolls undergraduate exchange students (selected classes mainly) from partner institutions around the world in a curriculum, all taught in English, with additional opportunities for independent research particularly in specialized fields.



### Japanese Language and Culture Course (JLCC)

The one-year Japanese Language and Culture Course (JLCC) program provides advanced language training, supervised research opportunities, and courses taught in Japanese to undergraduate international students (selected classes mainly) specializing in the study of Japanese language and culture.



### Summer in Japan (SIJ)

A five-week summer program for undergraduate students from all over the world, SIJ offers courses on the contemporary Japan through society, religion, culture, environment, etc., as well as Japanese language training.



### ASEAN in Today's World (AsTW): Spring program

This is a two-week spring program offered jointly with a prestigious ASEAN university and held at the ASEAN campus. The students must select one course from the ASEAN Studies courses and another one from the Asian Languages & Cultures courses.



# Studying Abroad to Gain a Global Perspective

## ● Student exchange

Under the student exchange system, students may study at partner institutions for a period ranging from one semester to one year based on student exchange agreements concluded with foreign institutions. Students study either at partner institutions under the International Student Exchange Program-Faculty Level or under the International Student Exchange Program-Faculty Level.

## ● Public-private joint support program for overseas study —Tobitate! (Leaf for Tomorrow) Study Abroad Initiative

This is a support program for overseas study operated jointly by the Ministry of Education, Culture, Sports, Technology and Science and private-sector companies. Dispatched students who themselves design plans for overseas study, including “practical activities\*,” lasting for a period from 28 days to two years are eligible to receive scholarships, financial support for preparations for overseas study and tuition fee subsidy.

\*Activities connected with a real-world society, including internships, fieldwork and project-based learning (PBL).

## ● Silicon Valley English Program

English training is held as a part of the Studies in American Language intensive program at our partner institution San José State University. Full back support for this program is provided by our California Office.

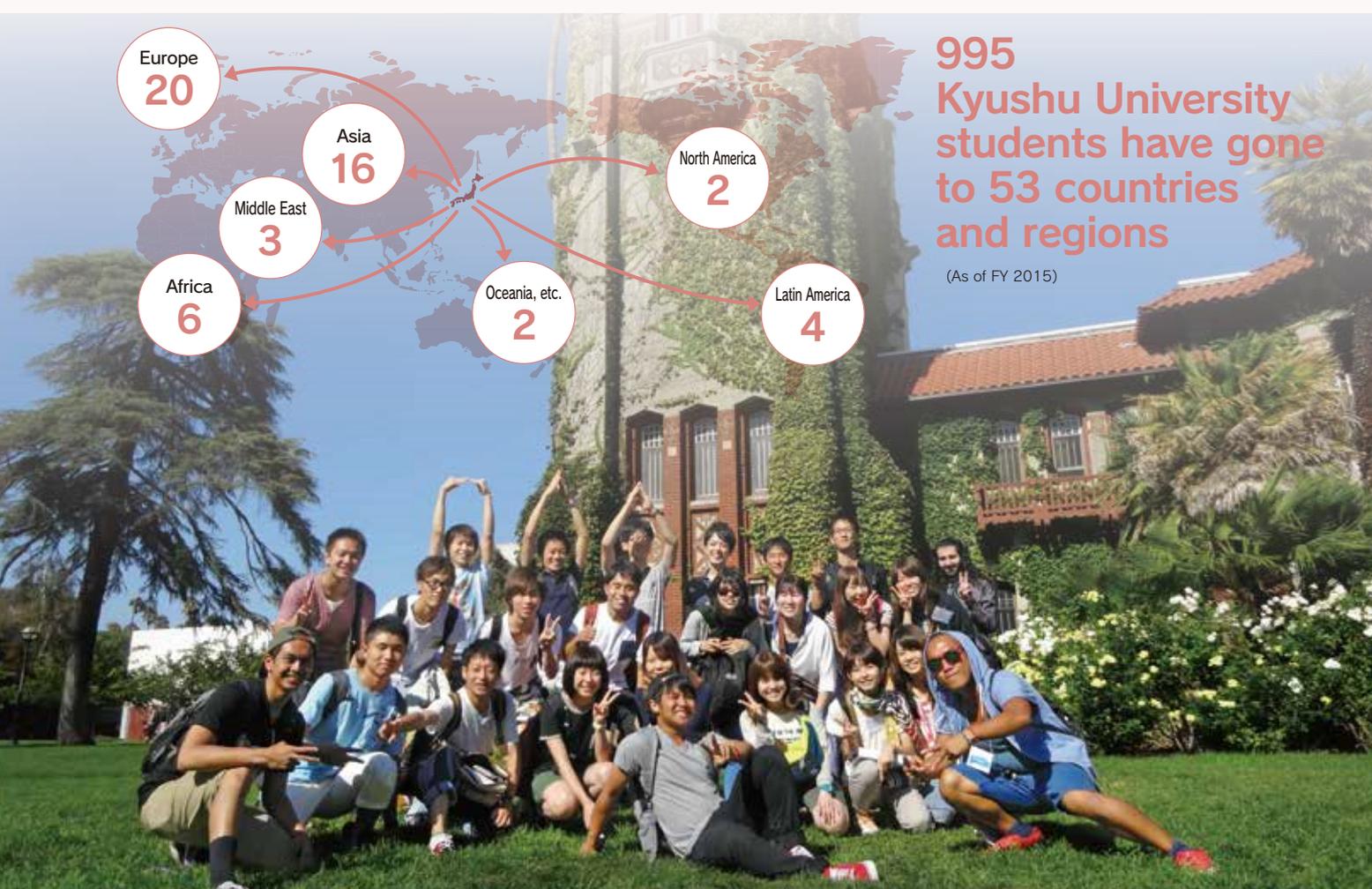


Provided by the Kyushu University CA Office



**995**  
Kyushu University  
students have gone  
to 53 countries  
and regions

(As of FY 2015)



## Research Center for Korean Studies

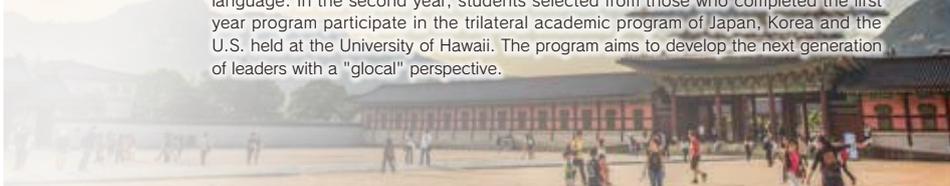
The Research Center for Korean Studies was established in 2000 with funding from the South Korean government and is the first of its kind in Japan. It drives general and challenging research related to the Korean Peninsula, coordinates joint studies with researchers inside and outside Japan and otherwise conducts various activities centering on research in Korean Studies.

### ● Playing the leading role in Korean studies

The Research Center for Korean Studies plays the leading role in the field of Korean studies in Japan and endeavors to create an excellent research organization with international reputation. In particular, in order to not only conduct cultural and historical research related to the Korean Peninsula but also address various modern challenges reflecting the strained international situation in Northeast Asia, the Research Center for Korean Studies investigates and catalogues a variety of documents and other reference materials and collects and analyzes information. In addition, it periodically invites foreign researchers as visiting professors, holds seminars and various workshops together with researchers within and outside the university, and pours efforts into fostering young researchers through graduate school education.

### ● College of Asia Pacific (CAP)

This program is administered by Kyushu University, Seinan Gakuin University, Pusan National University, Seoul National University, Yonsei University and University of Hawaii. English is used as the common language. In the first year of this program, students in Japan and Korea share the campuses using English as a common language. In the second year, students selected from those who completed the first year program participate in the trilateral academic program of Japan, Korea and the U.S. held at the University of Hawaii. The program aims to develop the next generation of leaders with a "glocal" perspective.



## EU Centre



Co-funded by the  
Erasmus+ Programme  
of the European Union

The EU Centre was established in 2010 as the operator of EUJ-Kyushu, which continued its activities until 2016, in order to deepen knowledge and understanding concerning the European Union (EU). To further enhance EU-related research and education by tapping into its rich pool of past achievements, in June 2016, the EU Centre made a fresh start as an institution focusing on education programs (EU-DPs: EU Studies Diploma Programmes). In September 2016, the EU Centre obtained the Jean Monnet Centre of Excellence (Jean Monnet CoE) title, becoming the second Japanese institution to do so, under an EU education support programme called Erasmus+. The EU Centre is now implementing the Jean Monnet CoE Kyushu program and is strengthening Kyushu University's global expansion through various activities.

### ● Main Activities

#### Education

Provide opportunities for the systematic study of the EU through EU Studies Diploma Programmes (EU-DPs) EU Studies Residential Summer Course, and EU Study Tour

#### Outreach

Offer information about activities: website, SNS, online newsletter  
Organize lectures and forums which are open to the general public

#### Research

Conduct academic symposiums  
Publish academic journal (online journal)

#### Partnerships with Other EU Institutions

Develop collaborative activities among EU Centres in Japan and around the world



## Center for Asia-Pacific Future Studies

The Center for Asia-Pacific Future Studies was established in 2014 in order to accelerate Kyushu University's Asia-focused strategy and contribute to the development of the University's reputation on the global stage. The Center's goal is to produce ground-breaking research that will promote new social agenda and aid in the harmonious development of the Asia-Pacific region, while serving as a means of increasing the impact and reputation of the University's humanities and social science departments.

### ● Contribution to Research

- Securing the services of the next generation of researchers, from both Japan and abroad.
- Enhance the impact and emphasize the transformative potential of humanities and social science research, and communicate this to the world in English.

### ● Contribution to Education

- Establish links with the various departments of humanities and social sciences in the university.
- Provide world-class lectures by experts in the field.



# International Cooperation in Asia and Elsewhere Utilizing the University's Experience and Knowledge

Kyushu University has the goal of conducting international cooperation projects in developing nations and human resources for this field.

Under the memorandum of agreement with the Japan International Cooperation Agency (JICA) coordinating ODA for the Government of Japan, Kyushu University has taken part in the JICA's various projects in developing countries by making use of the university's accumulated experience in education and research.

## ● Egypt-Japan University of Science and Technology (E-JUST)

E-JUST is a new college that was established by the Egyptian government supported by the Japanese government. With the focus on graduate school and research, E-JUST aims to provide practical, international-standard education in small classes. The Center for Japan-Egypt Cooperation in Science and Technology Kyushu University promotes as the center of this project. Kyushu University is one of the institutions involved in coordinating the 12 Japanese universities that support this project, which provides training for the next generation of professors, researchers and technical professionals and is contributing to industrial and economic development in the Middle East and Africa.



## ● Malaysia-Japan International Institute of Technology (MJIT)

Under the University of Technology, Malaysia, MJIT was established through the joint efforts of the Japanese and Malaysian governments to conduct education and research, utilizing the characteristics of engineering education in Japan. Kyushu University participates in a consortium made up of 26 Japanese universities, and it provides support as a member institution in the mechanical precision engineering major, environment and green technologies engineering major and the field of disaster risk management.



## ● ASEAN Engineering-Related Higher Education Network (AUN/SEED-Net)

AUN/SEED-Net is a higher education network formed by universities in the ASEAN region as well as Japan that are cooperating in the sustainable development of engineering professionals needed for social and economic development in that region. 14 universities in Japan, including Kyushu University, and 26 from 10 ASEAN countries participate in the network.

## ● International Cooperation Projects

Kyushu University participates in a range of international cooperation projects: the JICA's international student programs, which accepts international students from developing countries (JDS, ABE Initiative, etc.); the SATREPS program, which is structured as a collaboration between the Japan Science and Technology Agency (JST). The JST-JICA Science and Technology Research Partnership for Sustainable Development Program entails promotion of international joint research targeting global issues. Kyushu University also holds the course for training geothermal resource engineers, which collaborates with JICA.

# Kyushu University Hospital: Leading Japanese Medicine, Transmitting It to the World



Outpatient Lobby



## ● Cancer Center Serves as Designated Regional Cancer Center

### | Cancer Center

The Kyushu University Cancer Center was authorized in 2008 as a Designated Regional Cancer Center for Fukuoka Prefecture. To further enhance cancer treatment and care, the center established an Outpatient Chemotherapy, Consultation & Support Center for Cancer Patients, a Palliative Care Center and a Hospital-based Cancer Registry Room. Through the Cancer Care Committee, cancer conferences and seminars held by the Fukuoka Prefecture Cancer Care Alliance, the university is promoting the prefectural government's efforts to universalize cancer treatment in the prefecture to ensure that patients receive standard, specialized treatment regardless where they live.

### | Designated Pediatric Cancer Center

Kyushu University Hospital is equipped to treat conditions affecting all organs in children, including solid and hematologic cancer. The hospital has also enhanced its patient-support services, which include classes, palliative care and the availability of clinical psychologists and licensed child-care specialists in pediatric cancer. In light of these resources, the hospital was authorized in 2013 as a Pediatric Cancer Base Hospital—the only such center in the Kyushu-Okinawa region. To further promote the development of new treatments and services, the hospital intends to set up networks with partner hospitals, conduct related training, and centralize information on intractable and recurrent cases.



Cancer vaccine development

## ● Working for the Next Generation of Medicine

### | International Medical Department — Global Center of Medicine Connected with 57 Countries

The International Medical Department, which was established in April 2015, is comprised of three institutions—the International Patient Support Center, which accepts foreign patients; the Overseas Exchange Center, which engages in personnel exchange programs, including acceptance of foreign researchers and dispatch of researchers; and the Telemedicine Development Center of Asia, which engages in remote medicine education. The International Medical Department has so far made achievements as the leading center of remote medicine education in Asia, including holding interactive conferences with more than 400 university-affiliated hospitals and other medical institutions in 57 countries using an internally developed high-definition medical image transmission system. Based on the achievements, it has played the central role in the internationalization network of hospitals affiliated with national universities across Japan. In the future, the International Medical Department will use the achievements to promote further internationalization.



Teleconferences connecting 57 countries

### | A Core Clinical Research Hospital that Turns Dreams into Reality

In January 2016, this hospital was approved as a Clinical Research Core Hospital. Core Clinical Research Hospitals play the central role in world-class clinical research programs and investigator-initiated registered trials in order to promote high-quality clinical research and trials necessary for Japan to develop innovative drugs and medical devices. Following the approval, this hospital is expected to attract more patients and competent researchers, receive requests for consultations and commissioned research from other institutions, leading to higher-quality clinical research and trials. It will endeavor to develop innovative new drugs and devices under the goal of “turning dream medicine into a reality” as a core hospital of clinical research.

## ● Emergency Medicine and Critical Care

### | Emergency & Critical Care Center

Specialist physicians in each department provide critical care for patients on a 24-hour basis. Along with comprehensive critical care, the center is particularly focused on acute heart attacks, strokes, and severe trauma.

The center quickly and accurately determines the emergency level and degree of severity, and it works to provide medical care that utilizes a patient's innate healing capacity through the timely use of advanced tools, including artificial respiration management, extracorporeal support and blood purification therapy. Pediatric Emergency and Critical Care Center focuses on pediatric emergency diseases.

At the time of the Kumamoto Earthquakes in April 2016, the Kyushu University DMAT (Disaster Medical Assistance Team) took charge of medical care on the first day in Mashiki Town, where the damage was the greatest, as the Disaster base hospital in Kyushu. From the second day, the Emergency & Critical Care Center actively accepted pregnant women and seriously wounded children transported from Kumamoto by helicopter.



Heliport for patients transported from all over Kyushu

## ● Providing Cutting-edge Medical Technologies

### | Robot-assisted Surgical Procedure

In February 2016, Kyushu University Hospital used the system for “clinical teaching and research” ahead of other institutions to invite Professor Hyung of Yonsei University in South Korea to perform robotic surgery for stomach cancer under a joint project with Fukuoka City, which aims to promote entrepreneurship and job creation as a national strategic special zone. Professor Hyung is a world-leading expert in robotic surgery for stomach cancer. Next, in August, Professor Zeh of University of Pittsburgh was invited to perform robotic surgery concerning the pancreas, the first of its kind to be performed at Kyushu University Hospital.

“The clinical teaching and research” is intended to invite foreign doctors with outstanding skills to perform medical care activities in Japan and to enable Japanese medical professionals to receive instructions concerning advanced medical care skills from them. Kyushu University Hospital will continue to actively invite competent foreign doctors from countries around the world and introduce cutting-edge medical care skills.



Endoscopic robot-assisted surgery using the da Vinci system

# Kyushu University Library: Learning, Teaching, and Research Hub



## ● Environment for Active Learning

The library provides a diverse set of study spaces for different objectives and learning formats. It holds a variety of lectures and offers a full range of assistance in the form of study consultations provided by graduate students serving as the Library Teaching Assistant (Cuter)—all in support of the work of active learning by students. And with the number of international students growing year by year, the library also provides an array of services for these individuals, from guidance and lectures in English to ample Japanese-language learning materials.



## ● Ample Content and Collections Broad Communication of Scholarly Information

Since its founding the library has amassed one of the best collections in Japan—over four million volumes and over 70,000 titles of electronic journals, electronic books and other media—to provide solid support for learning, teaching, and research. The library also broadly communicates scholarly information produced and accumulated by the university in such forms as university research results and rare collections, and this helps stimulate academic research, education and industry in the region.

## ● Creating, Supporting and Publishing Quality Educational Resources

The Innovation Center for Educational Resource (ICER) provides educational materials that actively utilize information and communications technology. The center develops course videos and digital resources that use 3-D computer graphics. The digital materials available on YouTube, iTunes U, OpenCourseWare and elsewhere to broadly provide learning opportunities to the general public as well as to students. The ICER also produces English resources for classes in that language, which are being promoted as part of the administration's efforts to internationalize education at the university.

## ● New Central Library (Central Library for Internationalization) for Kyushu University's Next 100 Years

The university's new Library project is currently under way based on the following concepts—encourage, link, create, and cultivate. The new Library will be located adjacent to SHIIKI HALL and connected to the Arts and Science Building by a bridge. It will feature a distinctive design with the rooftop functioning as a liberal arts campus, and it will provide a variety of study spaces and ample materials to serve as a center for active learning, academic research and internationalization. The New Central Library will be completed in the autumn of 2018.



# Science and Research Park Core Ito Campus

Having celebrated the centenary of its founding in 2011, Kyushu University is building on the foundations laid via the countless achievements of previous generations and is developing its Ito Campus to create a platform on which it can build the next century of success. Our goal is to ensure that Kyushu University can continue to develop as a university that flourishes along with the local citizens, as an institution in which the community can take great pride, and as a Global Hub Campus. As such, development of the Ito Campus is progressing steadily, creating the core of a city that can serve as a hub for academic research based on partnerships between industry, academia, government, and the public, while coexisting with the rich natural environment of the Itoshima Peninsula.

## ● Center for Culture, Science and the Arts SHIIKI HALL

SHIIKI HALL is a circular hall with four floors above ground, and it can seat 3,000 people. A donation from the late Masakazu Shiiki, chairman of the Shiiki Foundation for the Promotion of Education and Culture, covered the cost of the Hall's construction. Part of the concert hall can be used as space for several lecture rooms. With its permanent gallery and restaurant, the hall is popular with the general public, and it is used for meetings, lectures and other events.



## ● Relocation Schedule and Progress (As of December 5, 2016)

Stage I (FY2005-07)	Stage II (FY2008-11)	Stage III (FY2012-18)
<p><b>Number of people relocated</b> : approx. <b>5,200</b></p> <p><b>Total number of people</b> : approx. <b>5,200</b> (4,200 students, 1,000 staff members)</p> <p>Engineering (except Department of Architecture, School of Engineering) Science and Technology Library I</p> <p>Completed relocation from Hakozaeki (to FY2006) <b>End of Stage I</b></p>	<p><b>Number of people relocated</b> : approx. <b>5,600</b></p> <p><b>Total number of people</b> : approx. <b>10,800</b> (9,500 students, 1,300 staff members)</p> <p>Faculty of Arts and Science Graduate School of Social and Cultural Studies Faculty of Languages and Cultures Faculty of Mathematics Department of Mathematics of the Faculty of Science Institute of Mathematics for Industry Science and Technology Library II</p> <p>Completed relocation from Ropponmatsu (to Oct. 2009) <b>End of Stage II</b></p>	<p><b>Number of people relocated</b> : approx. <b>7,900</b></p> <p><b>Total number of people</b> : approx. <b>18,700</b> (15,500 students, 3,200 staff members)</p> <p>International Institute for Carbon-Neutral Energy Research / Next-Generation Fuel Cell Research Center / SHIIKI HALL / Ito Harmony House / Dormitory III / Research Facilities for Co-Evolutional Social Systems / Science</p> <p><b>[Schedule of relocation]</b></p> <ul style="list-style-type: none"> <li>■ University Library (FY2016-FY2018)</li> <li>■ Research Institute for Information Technology (FY2016)</li> <li>■ Humanities &amp; Social Sciences (FY2018) Faculty of Humanities / Faculty of Human-Environment Studies (including Department of Architecture, School of Engineering) Faculty of Law / Faculty of Economics Graduate School of Integrated Frontier Sciences</li> <li>■ Agriculture (FY2018) Faculty of Agriculture / Affiliated Institutes, etc.</li> <li>■ Other (FY2018) International Student Center / Administration Bureau / Extracurricular Activities Faculty, etc.</li> </ul> <p>*The figures in parentheses indicate the fiscal year.</p>

[Reacquire Land]

Completed in FY2012

# Student Life and Career Support



## ● Dormitories

There are seven student dorms at Kyushu University: Dormitory I, Dormitory II, Dormitory III and Ito Harmony House near the Ito Campus; the Matsubara Dormitory for male students and the Kaizuka Dormitory for female students near the Hakozaki Campus; and the Ijiri Dormitory for male students near the Ohashi Campus.



## New Dormitories for Future Global Leaders



Dormitory III, which is type of room share, and Ito Harmony House, where international students live mainly, were established as the base of international exchange. When Japanese and international students interact, cultural exchange takes place, a richer level of human exchanged is developed, and foreign-language communication skills are improved. Kyushu University offers a place for students of diverse nationalities to live together. It provides an environment for constant self-improvement, and it helps promote globally oriented individuals who are capable of performing on the international stage.

## ● Financial Aid ..... Kyushu University provides various financial support options to help students concentrate on their studies and to foster global leaders.

- Remission of Matriculation Fee
- Deferment of Matriculation Fee
- Remission of Tuition
- Yamakawa Prize and Grant (named after the first President of the University, Kenjiro Yamakawa) [Kyushu University Fund]
- Challenge & Creation (C & C) [Kyushu University Fund]
- Grant for students' participation in international conferences [Kyushu University Fund]
- Grant for research activities [Kyushu University Student Support Association]
- Emergency Grant [Kyushu University Student Support Association]
- Scholarships  
Kyushu University offers its own scholarships along with those provided by JASSO, and other public and private foundations.
- Financial aid for study abroad  
Kyushu University strongly supports the students who wish to study abroad by offering various support options provided by the University and other foundations.

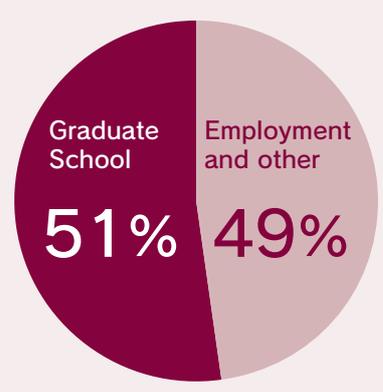
\*Since each financial aid has different requirements and limited numbers, not all students are qualified to win scholarships. Please see the website for further information.

## ● Job and Career Support .... Kyushu University provides a variety of programs to help students find jobs. Students can also make use of job consulting provided by experienced career advisers.

STEP1	STEP2	STEP3
<p><b>Career Guidance</b></p> <p>Lowerclassmen (first- and second-year undergraduate students) are eligible for support and guidance to help them develop the ability to choose their own career path and the right approach to looking for a job.</p>	<p><b>Self-Development Program</b></p> <p>Program provided to help students improve their English-language ability, such as with TOEIC programs</p>	<p><b>Internships</b></p> <p>Internships involve students working at companies and other organizations where they might like to be employed</p> <p><b>Guidance Programs</b></p> <p>These include job-hunting guidance for upperclassmen, job seminars that simulate interviews, on-campus Joint Briefing Sessions and job fairs (including job interviews').</p>

## ● Career Paths and Employment ..... Among 2015 graduates, 51% went on to graduate school, and 49% sought employment or took certification tests

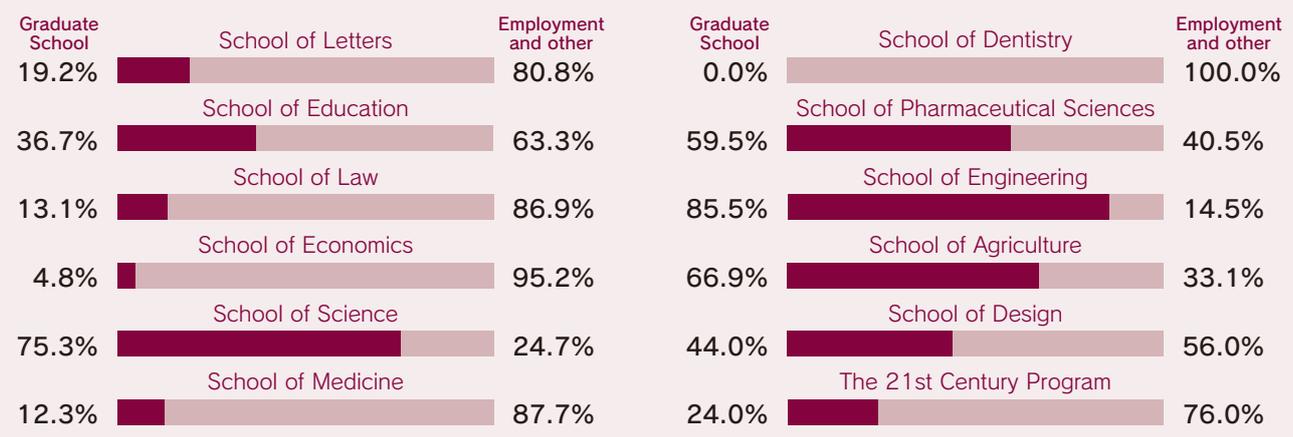
### Graduate School and Employment



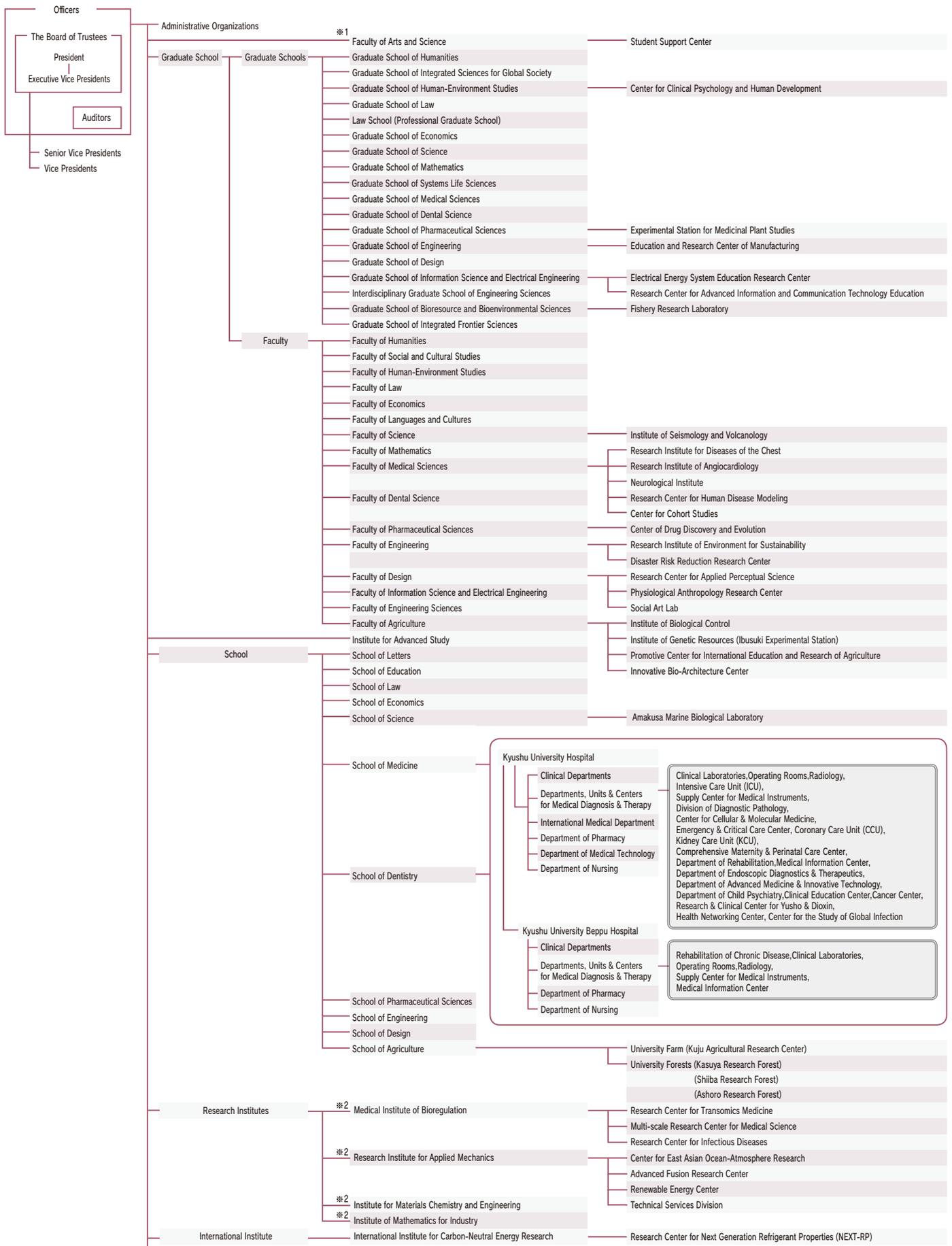
### Main Employers

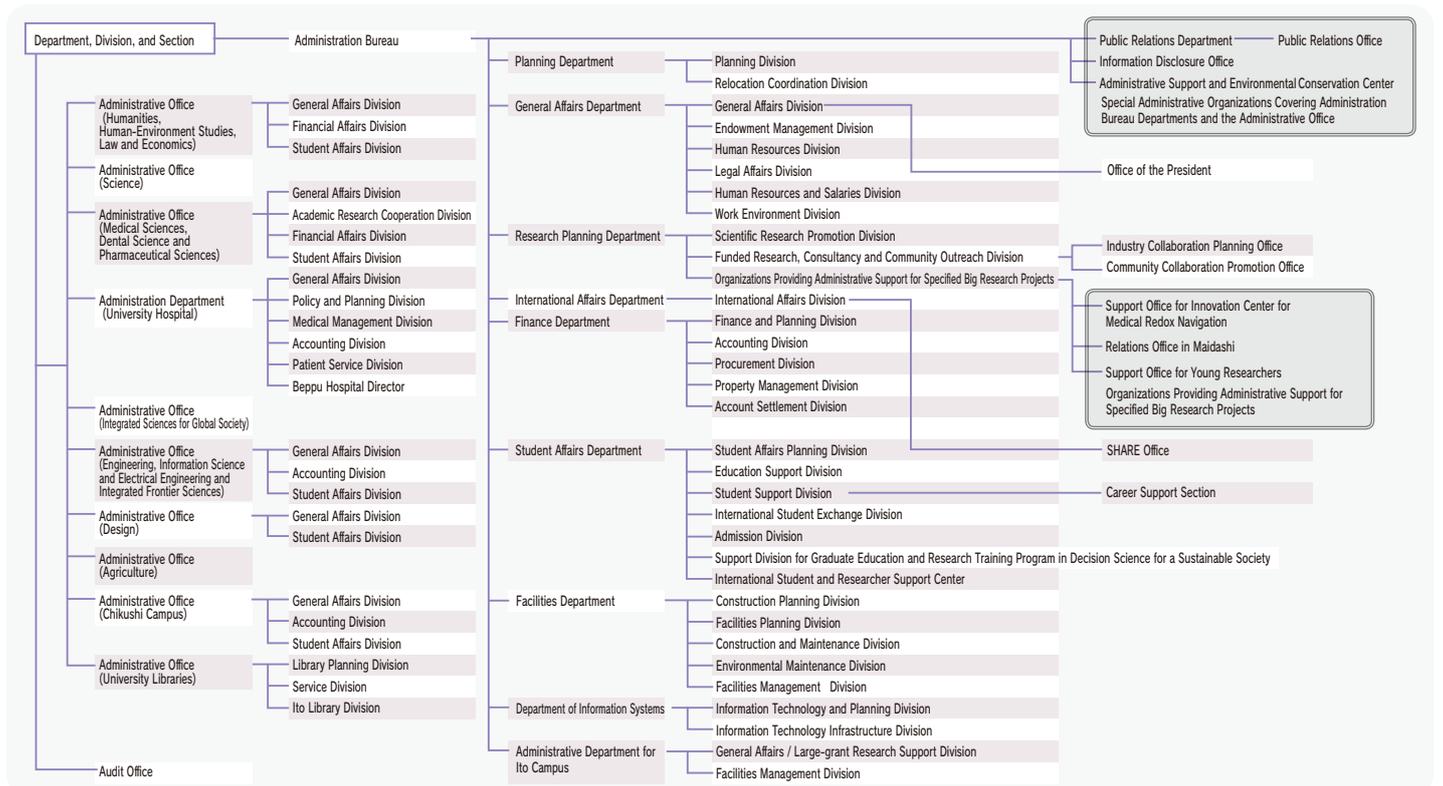
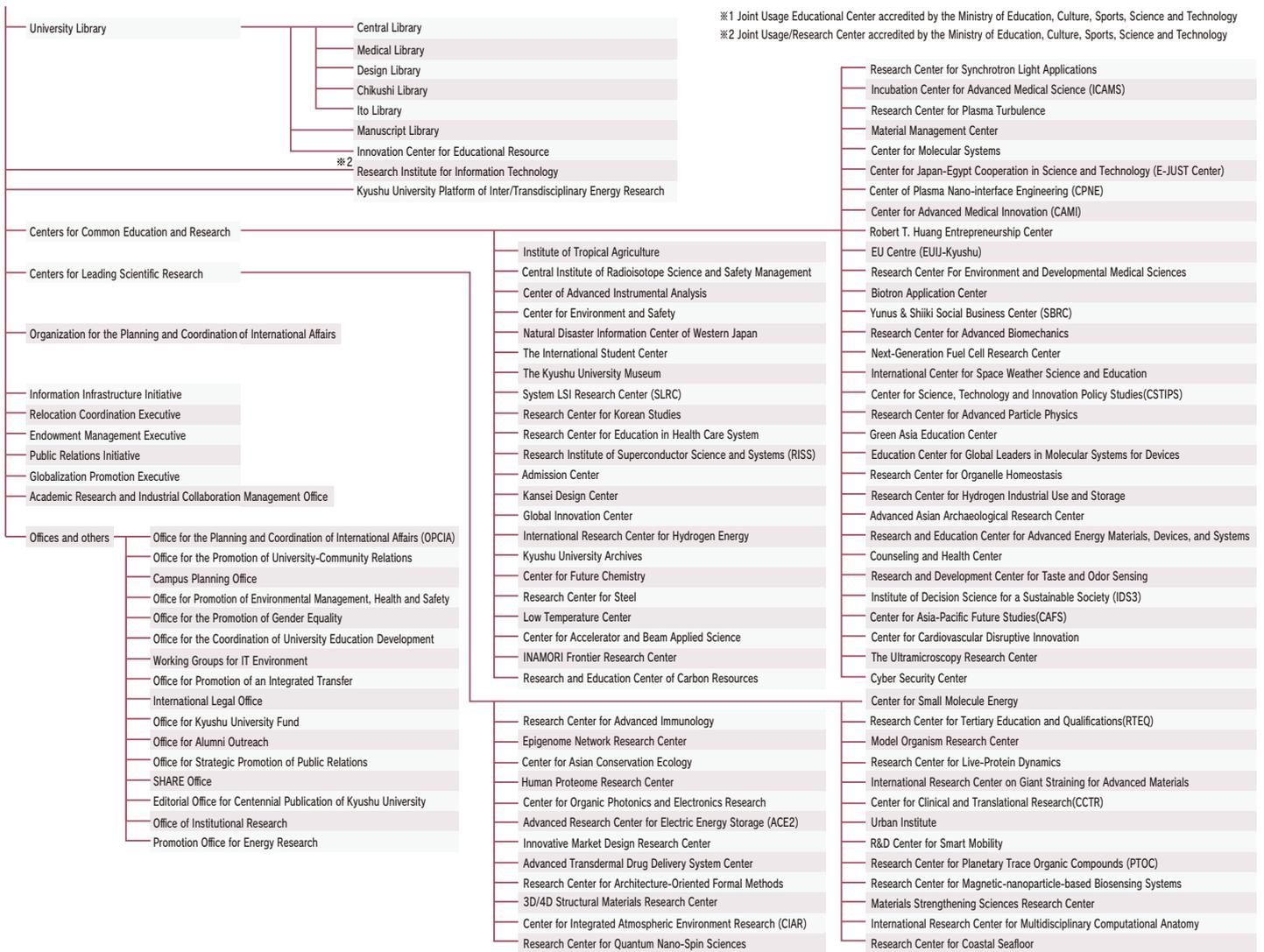
- [Private Sector]
- The Bank of Tokyo-Mitsubishi UFJ ■ Sumitomo Mitsui Banking
  - Japan Post Bank ■ THE BANK OF FUKUOKA ■ THE NISHI-NIPPON CITY BANK
  - JAPAN POST HOLDINGS ■ The Shoko Chukin Bank ■ Daiwa Securities
  - Tokio Marine & Nichido Fire Insurance ■ Toyota Motor ■ Mazda Motor
  - Mitsubishi Electric ■ TOSHIBA ■ FUJITSU ■ KYUSHU ELECTRIC POWER
  - OBIC ■ NTT DOCOMO ■ JFE Steel ■ Japan Broadcasting and others
- [Public Sector]
- Fukuoka Prefecture ■ Fukuoka City
  - Central government ministries and agencies and others
- [Schools and Hospitals]
- Kyushu University (including the hospital) ■ Public and private high schools
  - The University of Tokyo Hospital and others

### Students Going on to Graduate School and Employment by School



# University Organization





# Fast Facts

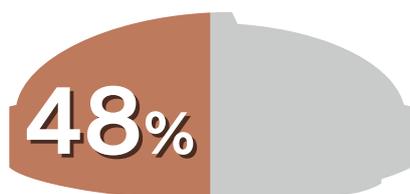
## ● Students

(As of May 1, 2016)

Number of students  
(Undergraduate and Graduate total) **18,659**

FUKUOKA YAHUOKU!  
DOME capacity **38,500**

We have enough students to fill FUKUOKA YAHUOKU! DOME about halfway.

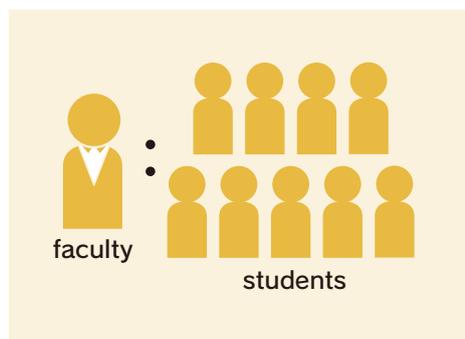


Number of faculty **2,036**

(including 297 non-Japanese faculty)

**9:1** Student-to-Faculty ratio

We can provide education and research individually tailored to each student.



## ● School

(As of May 1, 2016)

School	Enrolled	The male-female Ratio	
		(Male)	(Female)
Total	11,758	72%	28%
School of Letters	718	40%	60%
School of Education	228	37%	63%
School of Law	851	65%	35%
School of Economics	1,079	78%	22%
School of Science	1,253	80%	20%
School of Medicine	1,315	59%	41%
School of Dentistry	336	60%	40%
School of Pharmaceutical Sciences	398	62%	38%
School of Engineering	3,661	91%	9%
School of Design	919	63%	37%
School of Agriculture	1,000	56%	44%
The 21st Century Program	118*	35%	65%

\*Note: The number of undergraduate students who are taking 21st Century Program

## ● Learning resources

(As of 2015)

University Library	<b>4.25</b> million items
The Kyushu University Museum (and other facilities)	<b>7.5</b> million items
University Hospital	<b>1,415</b> beds
Concert hall at the Shiiki Hall	Maximum Capacity <b>3,000</b>
International conferences held at Kyushu University	<b>144</b> (No.1 in Japan)

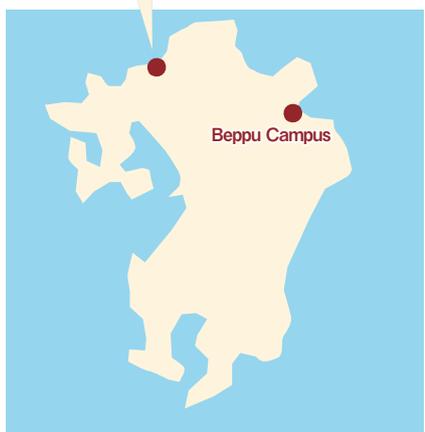
(<http://www.kyushu-u.ac.jp>)

## ● Data about the Best of Fukuoka City

The world's most livable cities <b>No.7</b>	Rate of increase of foreign residents (among 21 major cities) <b>No.1</b>	Rate of starting businesses (among 21 major cities) <b>No.1</b>
Lowest food cost (among 21 major cities) <b>No.1</b>	Percentage of students by number (among 21 major cities) <b>No.2</b>	Ratio of students <b>No.2</b>
Best tasting cuisine (among designated cities) <b>No.2</b>	Number of International conferences (MICE) held in Japan <b>No.2</b>	
Lowest rent (private rented house) (among 16 major cities) <b>No.3</b>	Shortest access time when using public transportation (among 40 cities in the world) <b>No.4</b>	

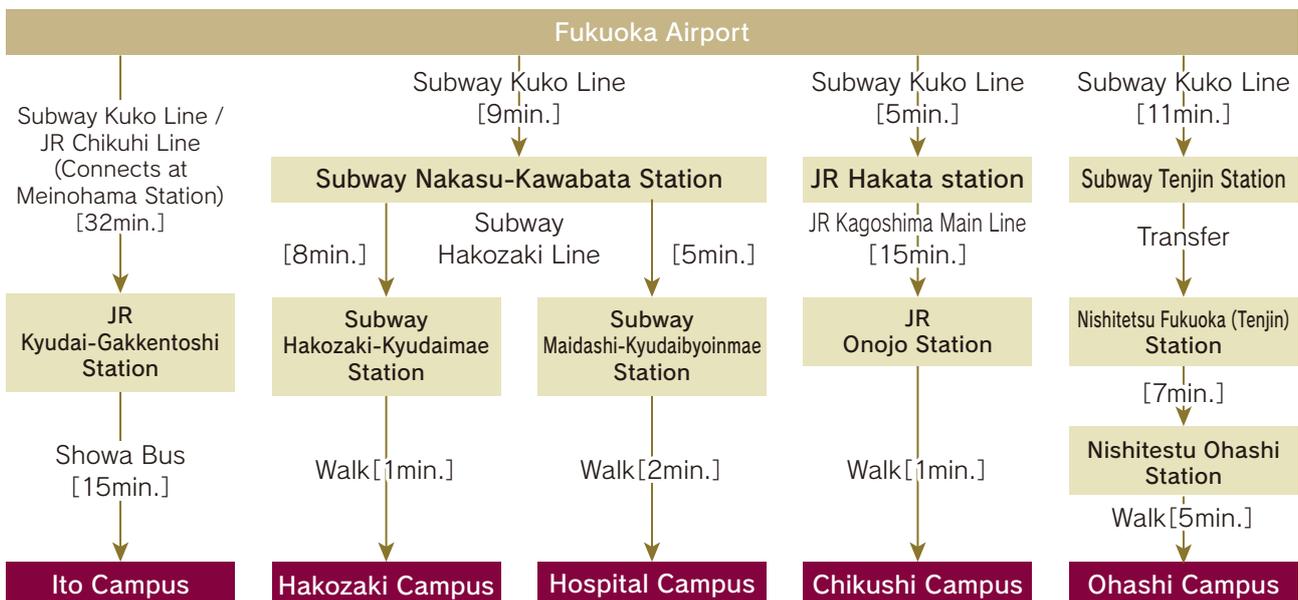
Reference data : Fukuoka Facts (<http://facts.city.fukuoka.lg.jp/en/index.php>) (As of November 2016)

# Campus Locations / Access



<b>Ito Campus</b>	744 Motooka Nishi-ku Fukuoka City 819-0395
<b>Hakozaki Campus</b>	6-10-1 Hakozaki Higashi-ku Fukuoka City 812-8581
<b>Hospital Campus</b>	3-1-1 Maidashi Higashi-ku Fukuoka City 812-8582
<b>Chikushi Campus</b>	6-1 Kasuga Koen Kasuga City 816-8580
<b>Ohashi Campus</b>	4-9-1 Shiobaru Minami-ku Fukuoka City 815-8540
<b>Beppu Campus</b>	4546 Tsurumihara Tsurumi Beppu City Oita Pref. 874-0838

## ● Access to the Campus



※Buses run directly to Ito Campus ( Kyudai Kogakubu-mae Station ) from Hakata Station or Tenjin Station  
 ※For further information : <http://www.kyushu-u.ac.jp/en/campus/>

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