

# Outline of the Top Global University Project (Type A) at Keio University

## Proposal for TGUP at Keio University

### Program Name

Enhancing Sustainability of Global Society Through *Jitsugaku* (Science)

### Keio's Aspirations for the Top Global University Project

Keio University will continue to educate the next generation of leaders who will play active roles on the world stage. Based on the spirit of *jitsugaku* (science), an educational philosophy espoused by Keio founder Yukichi Fukuzawa, we will make positive contributions to world development as an institution of higher education that can propose innovative social systems to the world. By achieving this, Keio University will gain recognition as a top global research university among the world's top 100 in the world university rankings.

### Summary

The Top Global University Project at Keio integrates education and research in the humanities and sciences to enhance the sustainability of global society through *jitsugaku* (science). Keio aims to strengthen ties with international academic communities and industry while making positive contributions to the world. In this way, we hope to bolster Keio University's international reputation by building on our existing strengths and achievements. Specifically, under the integrative theme of Sustainable Development of a Super Mature Society, Keio has established three global initiatives: Longevity, Creativity, and Security.

The Headquarters for the Top Global University Project is currently consolidating University resources in each initiative to better support world-class education and research across the disciplines. Within each initiative, Keio will greatly improve its human resources management and educational systems; improvements include changes to the faculty salary policy, new cross appointment and tenure track positions, expanded degree programs offered in English, and a new visiting research co-advisor scheme for doctoral candidates. The University hopes that these human resources and academic policies will help increase international jointly authored research and the number of academic papers written in English, which in turn will lead to more citations and better representation of Keio's research abroad. The University will revamp its research information infrastructure in order to share its research findings with the world. This will enhance the University's international presence and reputation for education and research, which are measured by the number of citations and worldwide reputation surveys.

In order to reinforce university governance and presidential leadership, Keio will establish the Global Advisory Council as well as a discretionary fund that the president can use to distribute swiftly and flexibly in order to accelerate reform. Presidential leadership will promote new initiatives in Keio University's endeavors to become a world-leading research university.

### Keio's Global Initiatives Across the Disciplines



#### Reaching Out to the World

Extensive Network of World-leading Partners  
Pioneer of Double/Joint Degree Programs  
Keio's Education and Research Abroad

#### Diversifying Our Education

Doubling the International Student Population  
Degree Programs Offered in English  
Short Programs in Tokyo & Yokohama

#### Welcoming Internationally-Minded Researchers

New Tenure Track Opportunities for Young Researchers  
Cross Appointment Opportunities for International Research Experts  
Recruitment of Qualified Academic Faculty

#### Bolstering Our Research

Firm Ties with Industry  
Creating and Protecting Intellectual Property  
Sharing the Wealth



## Summary of 10-Year Plan

### ○ Establishment of Keio's Global Initiatives

The University will launch the three initiatives of Longevity, Security, and Creativity to conduct transnational, transdisciplinary education and research to be shared with the world. These three initiatives form the basis of the Top Global University Project at Keio University.

### ○ Expansion of Double/Joint Degree Programs

As of 2014, Keio boasted 23 double degree programs with many leading universities around the world—the most of any university in Japan. The number of programs will increase to 35 in ten years' time.

### ○ Improving Overseas Research Hubs

Keio has plans to expand its overseas research hubs from 3 to 15 in fields spanning the natural and social sciences, humanities, and medicine. The University plans to use these hubs to promote partnerships for global research and define Keio's position as a world-leading research university.

### ○ Increased Employment of Foreign Faculty

The proportion of foreign academic faculty employed under the annual salary system/cross-appointment system and Japanese faculty who have either conducted research or earned a degree at an institution overseas will increase to 67.5%, or over two-thirds of the total academic faculty. The University will effectively play to these individuals' strengths to promote organic internationalization of the University's education and research systems.

### ○ Development of Degree Programs Offered in English & Increasing Inbound/Outbound Student Exchange

The University will launch the Global Interdisciplinary Courses (GIC) Program, an English curriculum across Keio's undergraduate faculties and graduate schools. Each faculty and graduate school will expand upon the common GIC platform with its own specialized curriculum to increase the number of courses available in English, which will lead to an increase in the number of degree programs available to international students. Combined with newly designed short-term summer programs, Keio will greatly increase its international student population. Within the next ten years, the University aims to create an environment where all Keio students have international experience of some kind, through short-term and long-term study abroad, internships, or otherwise.

### ○ Implementation of Initiative-based Human Resources Management

The University will formalize visiting research co-advisor appointments, which have been piloted by Keio's All-Round Program for Leading Graduate School, making the appointments available to all graduate schools. Moreover, under this framework, the University will devise a system within each initiative that supports and encourages joint research and jointly authored papers with researchers from Keio's partner institutions overseas. By 2023, foreign researchers will participate in doctoral candidates' research across the entire university.

Additionally, the University will establish a tenure track system that employs around five foreign faculty members per initiative to be the catalysts for joint research and jointly authored academic papers. Tenure track candidates must be highly motivated to conduct research and author academic papers.

## Defining Characteristics of TGUP at Keio University

### ○ Giving Back Through Education/Research Findings

Under the integrated theme of Sustainable Development of a Super Mature Society, Keio will create three global initiatives: Longevity, Creativity, and Security. The University will consolidate university resources within each initiative to conduct practical, globally-applicable education and research that transcend traditional disciplinary boundaries and integrate the natural sciences, social sciences, and humanities. The University will serve as a model of social service and contribution to the world and gain prominence as a top world-leading research university. The initiatives form a university-wide system for research where academic faculty members from Keio's undergraduate faculties and graduate schools can engage in both basic and applied research.

### ○ Global Interdisciplinary Courses (GIC)

The Global Interdisciplinary Courses (GIC) Program, Keio's first university-wide English curriculum across the undergraduate faculties and graduate schools, will offer general education and specialized courses in English in an environment where students of all nationalities from different faculties and graduate schools can learn together. Moreover, the GIC Program will incorporate activities from each of Keio's global initiatives to foster students' ability to conduct research in English and author internationally relevant research.

## Policies for International Collaboration

The University will utilize the cross appointment system and quarter system to invite foreign researchers and conduct international collaborations in research and education in capacities such as visiting research co-advisor. At the same time, Keio University faculty may also go abroad to serve as visiting research co-advisors for graduate students conducting research under foreign faculty and offer opportunities to advise joint research. This system will not only dramatically increase the mobility and international contributions of Keio's academic faculty, but will also make it possible to produce a new generation of academic researchers who are ready to succeed globally due to prior collaborative research and joint authorship.

Moreover, the University will work closely with its overseas partner institutions, who are some of Keio's most important assets, to promote the establishment of overseas research hubs for the purpose of collaborative research. The University will leverage its research and technological assets to form institutional relationships with universities and industries overseas that promote international collaboration. This signifies a move away from the volatility that researchers may experience when personally organizing joint research to a more stable mechanism that allows the University to provide the organizational support necessary to bolster new international developments. In addition to these measures undertaken by Keio University leadership, each undergraduate faculty and graduate school is also encouraged to pursue international collaborations of their own.