

Keio Research Institute at SFC



GREETINGS

A Platform That Cultivates Open Innovation through the Integration of Government, Industry, and Academic Bodies

The importance of learning lies only in its application, without which it is akin to ignorance.

–Yukichi Fukuzawa, *An Encouragement of Learning*

The Keio Research Institute at SFC is a leading research platform that produces innovative solutions by integrating knowledge with government, industry, and academic bodies in and outside our campus. Since its establishment in 1990, Keio University Shonan Fujisawa Campus (SFC) has made it its mission to architect the future. Free from the constraints of conventional academic fields, our university reorganizes the knowledge of various disciplines toward a central goal to “identify and solve problems.” Our campus is comprised of specialists with a wide range of academic backgrounds, whose knowledge interweave to produce an abundance of practical applications and a fertile ground from which innovation blooms.

In 1996, the Keio Research Institute at SFC cooperated with various visiting researchers from the governments, industries, and academic bodies within and outside Japan to create a platform for “open innovation.” The Research Institute now has over 40 laboratories and over 20 consortiums to support their vision and philosophy. We are not simply “connected” to our supporting bodies, but rather gather their knowledge and resources or produce them if needed to create undeniable results. With our extensive experience and overwhelming achievements, we carry a great degree of social responsibility. Each year, our research

results are presented at the “SFC Open Research Forum (ORF),” where we also discuss the new challenges that lie ahead. It is SFC’s goal to foster solution-based learning in the 21st century, and we have a history of producing various organizations to ensure that our research benefits society. We provide office space and extensive support for business development at the Keio Fujisawa Innovation Village (SFC-IV), and have produced numerous entrepreneurs in both commercial and nonprofit fields. In these uncertain times, when unforeseen problems continue to arise, utilizing a wide range of knowledge to find solutions is more important than ever. We ask for your support as we continue in our mission and prepare to take on new challenges.



Executive Director,
Keio Research Institute at SFC
Hiroya Tanaka

Association Chart

Shonan Fujisawa Campus (SFC)

Graduate School

Graduate School of
Media and Governance
Graduate School of
Health Management

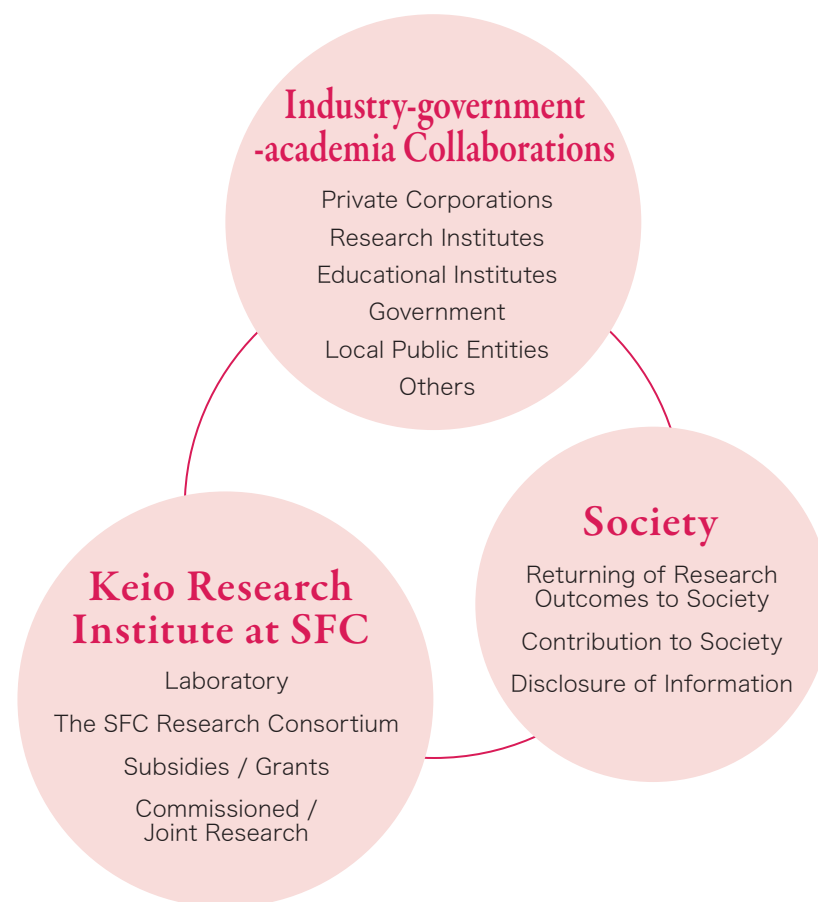
Faculty

Faculty of Policy Management
Faculty of Environment and
Information Studies
Faculty of Nursing and Medical Care

Keio Research Institute at SFC

The Keio Research Institute at SFC is affiliated with 2 graduate schools and 3 faculties.

STRUCTURE



Laboratory

Since 2001, the Keio Research Institute at SFC has been based on “laboratory” research groups each with their own advanced research missions. Laboratories are transdisciplinary, fusing together multiple fields and consisting of researchers who share similar or related research interests. Our aim is to streamline cross-fertilization with domestic and international research partners such as universities through clarification of our objectives, research subjects and expertise.

Number of laboratories: 44 (As of October 1, 2018)

Subsidies / Grants

Subsidies or grants may be given for research based on the following: projects run by public institutions, such as the Ministry of Education, Culture, Sports, Science and Technology (MEXT), which aim to vitalize higher education or enhance the competence of universities, or projects run by private organizations that aim to solve and increase the awareness of problems in specific fields.

The SFC Research Consortium

The SFC Research Consortium is a unique kind of research collaboration in which the university chooses a central research theme, invites a number of external organizations such as private corporations and governments, and collaborates to tackle large research issues while sharing mutual benefits. Compared to conventional joint research, this consortium approach allows for comprehensive research with larger scales and wider scopes.

Number of consortiums: 29 (As of October 1, 2018)

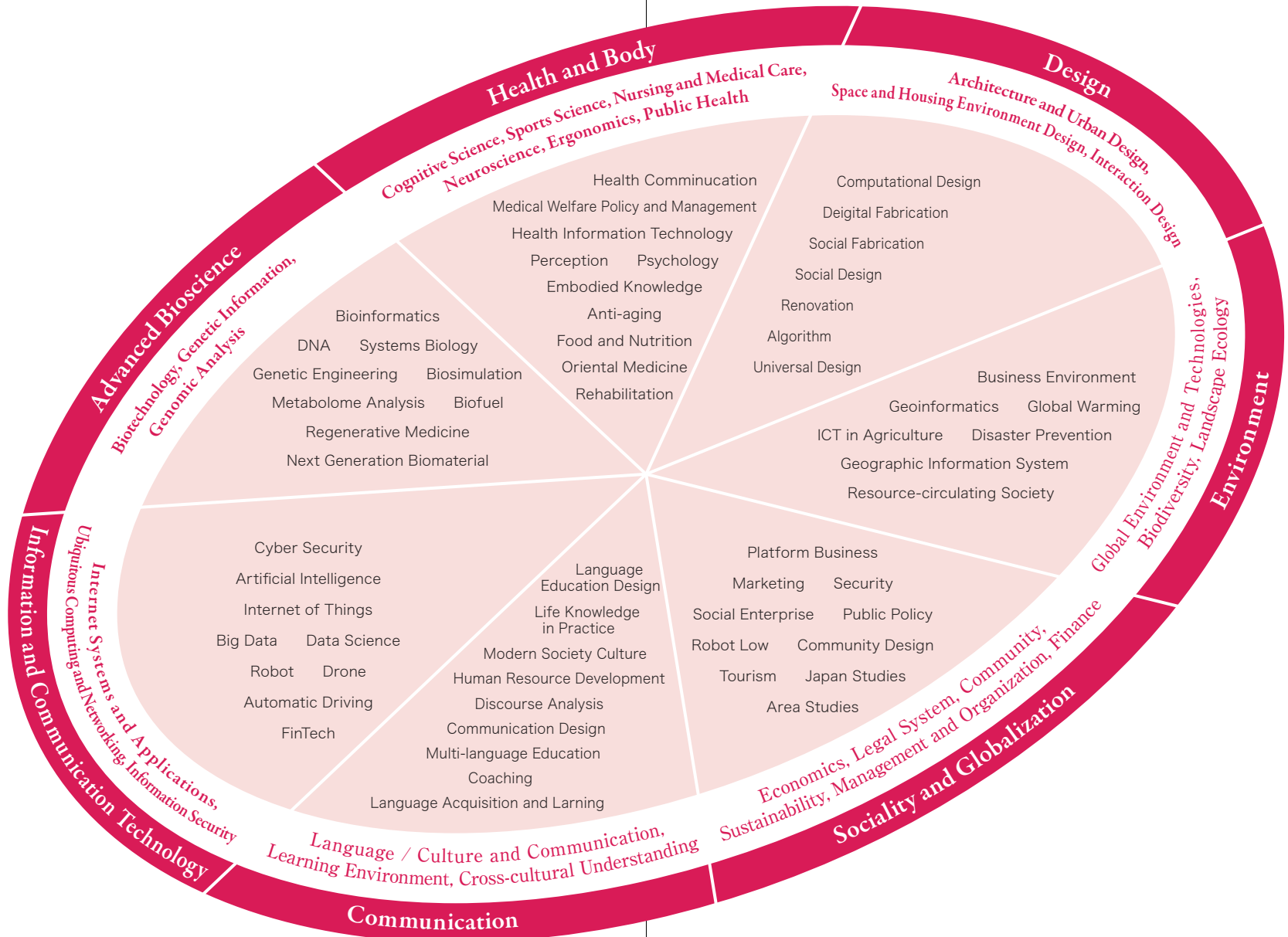
Commissioned / Joint Research

This framework allows the Keio Research Institute at SFC to make contracts with external organizations such as private corporations, government, or local public entities in order to conduct contract or joint research. The kind of research that is conducted depends on the individual needs and interest of the contractors.

RESEARCH ACTIVITIES AT SFC

Diverse Research Area

The Keio Research Institute at SFC has 44 laboratories and 29 consortiums.
(As of October 1, 2018)



Pick Up

AOI Laboratory

Director: Atsushi Shinjo
(Professor, Faculty of Environment and Information Studies)



The AOI - PARC (Agri Open Innovation Practical and Applied Research Center) was established in Shizuoka Prefecture in 2017 to increase productivity in various agriculture fields. The Keio AOI - lab is one of the center's core research bodies. The lab uses ICT

(Information and Communication Technology), next generation agriculture systems, and leading-edge genome technology to produce safe, cost effective, and highly functional agricultural products and develop efficient production methods. The AOI - lab also aims to promote human health and longevity by providing scientific evidence for nutritious agricultural components that can be used in functional foods.

Pick Up

Laboratory on Innovative Research and Practices for Nursing

Director: Yuko Takeda
(Professor, Faculty of Nursing and Medical Care)



In order to ensure best practices, this laboratory aims for

1. practical research and development promoting best practice quality,
2. the nurturing of nursing leaders who can spread and utilize specific and appropriate

3. best practices into the workplace, and
3. the exploration of ethical best practices that respect the values of all parties involved.

Pick Up

Consortium of co-creation for drone society

Director: Tomoyuki Furutani
(Professor, Faculty of Policy Management)



This consortium aims to promote the research and education listed below with an aim to create a drone society through collaboration between industries, government and academia.

1. Resolution of social issues using drones (medical care, health, environment, disaster

- prevention & mitigation, public works, construction, agriculture, etc.)
2. Drone business (collaboration between industries, government and academia)
3. Drone-related system designs (deregulation, insurance systems, security)
4. Development of drone application technology, and
5. Drone education (establishment of lectures and practicums in postgraduate and undergraduate programs)

INDUSTRY-GOVERNMENT -ACADEMIA COLLABORATIONS

SFC Open Research Forum(ORF)



SFC believes that sharing its achievements with the public is one of its greatest obligations. In order to do so, SFC holds the SFC Open Research Forum every year, presenting their results far and wide to all of society. In this forum, future prospects and results of many ongoing research projects at SFC are introduced to industries, national and local governments through exhibitions and sessions.



<http://orf.sfc.keio.ac.jp/>

ORF2017

The SFC Open Research Forum (ORF) 2017 was held from November 22 to 23 at the Tokyo Midtown Hall, Roppongi and Conference with the theme “LAB IS THE MESSAGE – The Spirit of Experimentation,” attracting 5,551 visitors over the two days.

The Midtown Hall featured more than 100 exhibition booths. At the Midtown Conference and Design Hub, about 40 sessions were held in total by researchers and representatives from various fields.

ORF2017 was organized in cooperation with 12 private corporations and five sponsored sessions were held.



Support for Venture Incubation



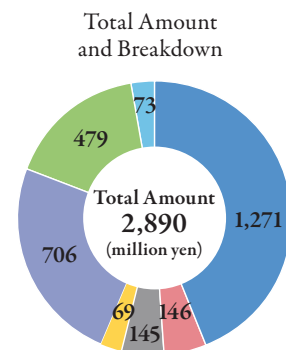
Keio Fujisawa Innovation Village (SFC-IV)

In conjunction with the Organization for Small & Medium Enterprises and Regional Innovation, the Kanagawa Prefectural Government and the Fujisawa City Office, Keio set up the Keio Fujisawa Innovation Village (SFC-IV) in the vicinity of the Shonan Fujisawa Campus in March 2006 to support people to create new businesses. The facility consists of offices to rent for those who aim to utilize the wealth of knowledge at SFC and collaborate with Keio University.

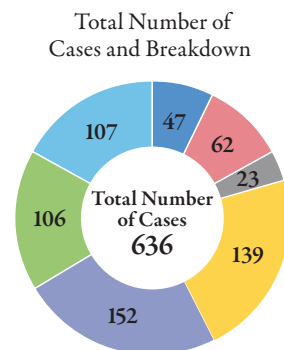


<http://www.smrj.go.jp/incubation/sfc-iv/>

FY2017 Research-Related Data of Research Projects (SFC)



- Government and Related Organizations
- Grant-in-Aid for Scientific Research (KAKENHI)
- Local Public Entities and Related Organizations
- Consortium



- Private Corporations
- Specified Contributions
- Internal Grants

Keio Research Institute at SFC



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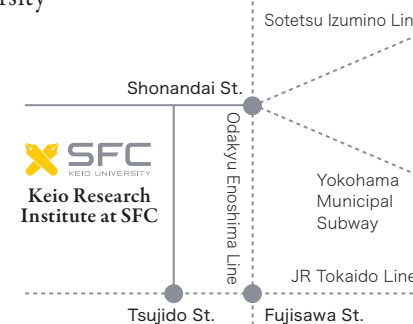
www.kri.sfc.keio.ac.jp

Office of Research Development and Sponsored Projects,
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Sotetsu Izumino Line /
Yokohama Municipal Subway Blue Line:
Shonandai Station
(approx. 15 minutes by
Kanachu Bus for "Keio Daigaku")

JR Tokaido Line: Tsujido Station
(approx. 21 minutes by
Kanachu Bus for "Keio Daigaku")



Support for the Keio Research Institute at SFC

The Keio Research Institute at SFC is a platform for “open innovation” to cooperate with various visiting researchers from governments, industries, and academic bodies within and outside Japan. We ask for your support as we continue in our mission and prepare to take on new challenges.

There are four types of support as follows:

- Participation in the SFC Research Consortium
- Implementation of Commissioned / Joint Research
- Sponsorship for ORF
- Donations

For details, please contact us by email ▶ info-kri@sfc.keio.ac.jp