

# 2022-23

## ANNUAL REPORT

ROBERT T. HUANG ENTREPRENEURSHIP CENTER OF KYUSHU UNIVERSITY



Continue to create new value

### Robert T. Huang Entrepreneurship Center of Kyushu University (QREC)

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ROBERT T. HUANG  
ENTREPRENEURSHIP CENTER  
OF KYUSHU UNIVERSITY

# FOCUS ON

THINK GLOBAL ACT LOCAL

QREC provides both undergraduate and graduate students at Kyushu University with systematic, pragmatic and interdisciplinary education concerning entrepreneurship, while carrying out R & D activities on entrepreneurship in collaboration with leading national and international universities and research institutes that are highly recognized in terms of entrepreneurship education.



Dr. ROBERT T. HUANG

Founder of SYNEX Corporation  
Honorary Doctor of Kyushu University

The Robert T. Huang Entrepreneurship Center of Kyushu University (QREC) grew out of a donation made to commemorate the centennial anniversary of Kyushu University by Dr. Robert T. Huang, a prominent alumnus of the university who has achieved significant success in the United States. That donation led to a drastic reorganization and reconstruction of the university's former Venture Business Laboratory and the establishment of the Center in December 2010 as a full-scale entrepreneurship education and research center.

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FOCUS ON

1

AN OVERVIEW OF QREC



## MISSION



QREC fosters students to be global leaders with a desire to challenge new value creations



**QREC aims to become one of the highest ranked education and research organizations in Asia.**

QREC provides students at Kyushu University with a leading entrepreneurship education that will produce future entrepreneurial leaders who can spread their wings internationally, and with a sense of independence and ambition, a global point of view, and a willingness to actively create new values.



**QREC develops future leaders who will play active roles on the global stage.**

QREC strives to develop talented individuals who will challenge themselves to not only start new ventures but also create new values in a large company, in academia and in any other field in society.



**QREC serves as a hub for the nurturing of entrepreneurship in our region.**

QREC will collaborate with national and local governments, corporations, and universities in Japan and abroad to implement programs in a variety of learning venues.



## ACTIVITIES



We engage in mutually supportive initiatives based on the four pillars of action below.



## Education

Systematic entrepreneurship education intended for both undergraduate and graduate students

A combination of entrepreneurship education and MOT education



## Social Outreach

Practical approach to industry academia collaboration

QREC encourages students to participate in international student organizations for networking purposes, while promoting interactive and student-participation programs. QREC uses the case study method to offer practical, hands-on training. QREC asks industries for their active participation in providing human resources and opportunities for practical training programs.



## Research

Responding to today's needs

QREC responds to today's diverse new trends, such as business in emerging markets and social entrepreneurship.



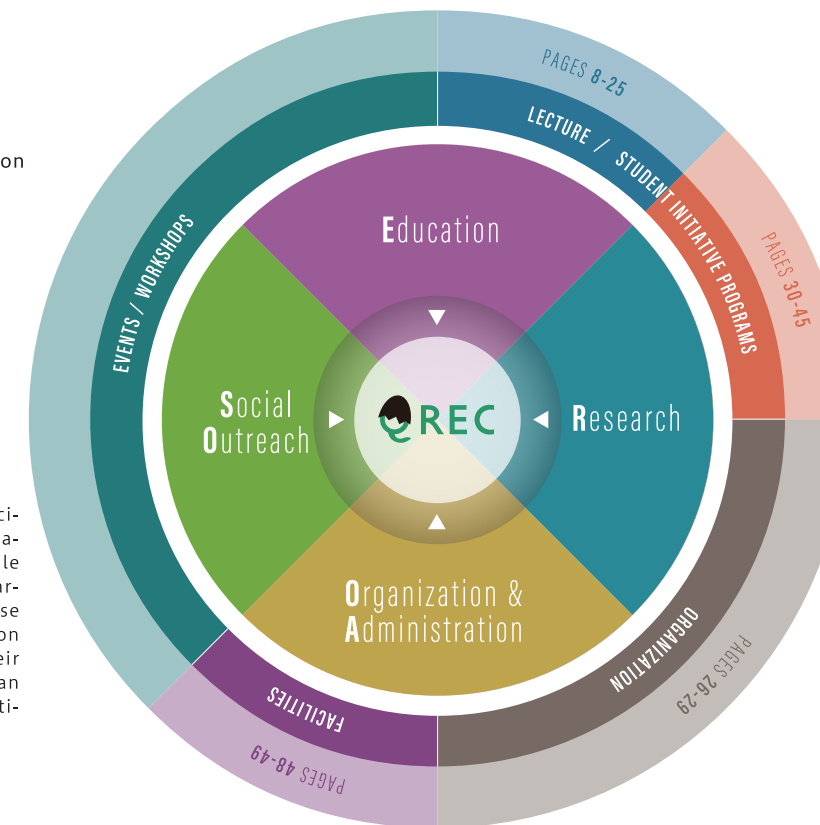
## Organization &amp; Administration

Interdisciplinary education programs, Students from diverse backgrounds

QREC sets up and runs education programs jointly with other departments. We promote interdisciplinary projects, and encourages students who come from diverse backgrounds to learn and work together.

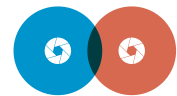
Global perspectives

In collaboration with leading international universities and institutions, QREC ensures opportunities for people to interact with the best resources available overseas. QREC also encourages foreign students to take an active part in QREC programs, so that it can teach students to acquire global perspectives.



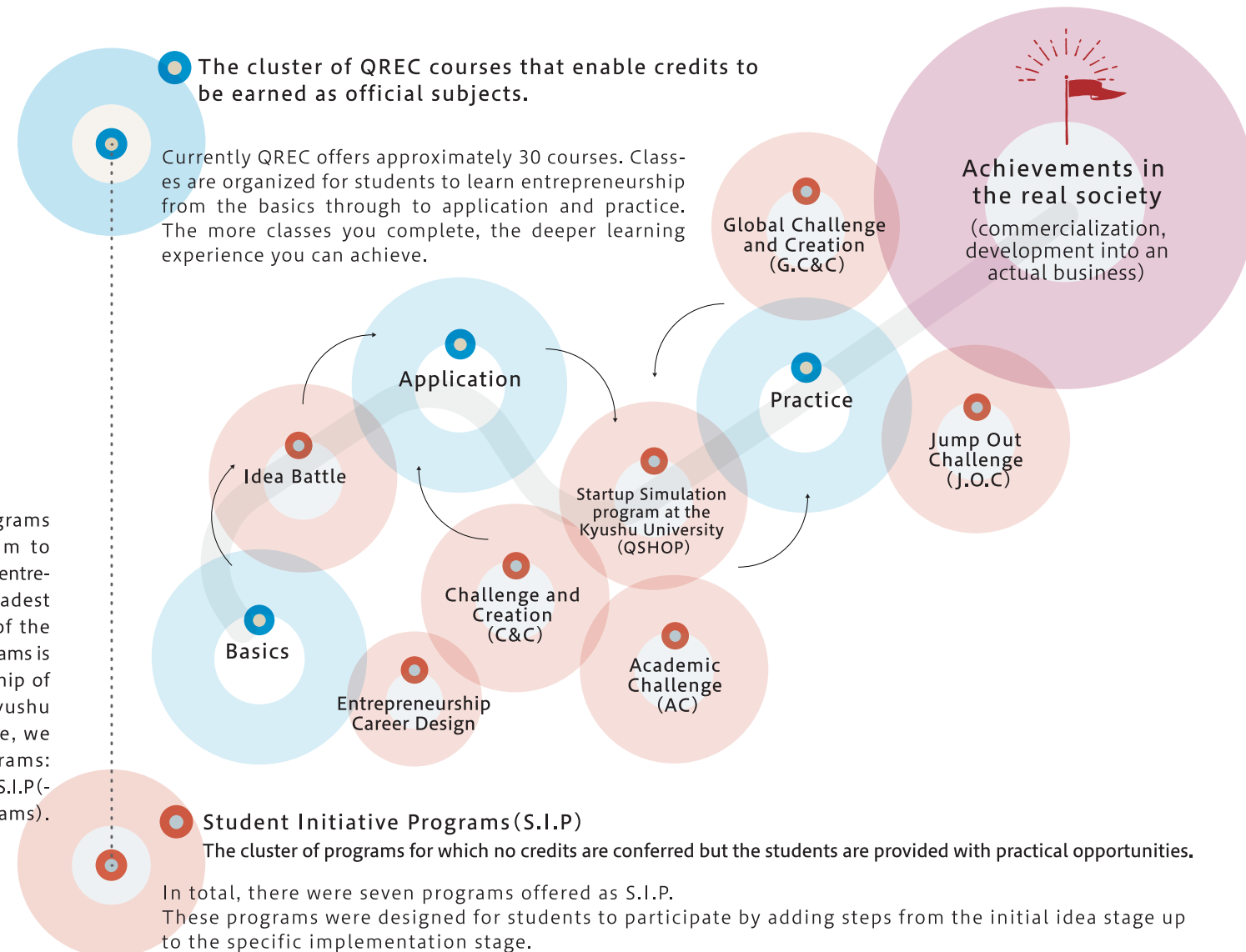


### QREC Education Program



### Thinking and acting with a sense of entrepreneurship

The educational programs provided by QREC aim to endow students with entrepreneurship in its broadest sense. The objective of the QREC educational programs is to raise Entrepreneurship of all the students at Kyushu University. Therefore, we provide 2 main programs: Subjects of QREC and S.I.P(-Student Initiative Programs).



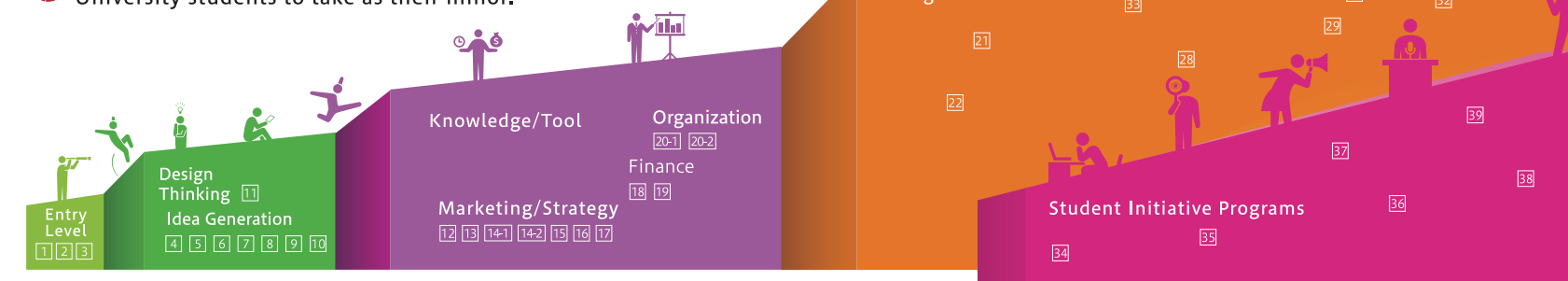
(As of March 2023)



### QREC CURRICULUM SYSTEM



All subjects in the curriculum are available to all Kyushu University students to take as their minor.



### Basic system subjects

### Integrated system subjects

● Basics ● Application ● Practice

### Motivation

### Knowledge/Tool

### Integration

Education designed to make students to realize their own dreams and to notice pressure of changing the world with their own ideas.

### Design Thinking

11 Idea Lab II ●

### Idea Generation

10 Digital Fabrication with Design Thinking ●

8 Practical introduction with Industry on to Data Science ● 9 Co-creation Practice with Industry on Ideathon / Hackathon ●

6 Design Thinking Project ● 7 Digital Fabrication Tutorial ●

4 Entrepreneurship Career Design ● 5 Idea Lab I ●

### Entry Level

NEW 3 Entrepreneurial Intention ● ●

NEW 2 Self-Discovery for Career Design ●

1 Introduction to Entrepreneurship ●

Education designed to provide knowledge for achieving ideas for resolving issues.

### Organization

20-1 Basic Entrepreneurship Organization Science ● 20-2 Applied Entrepreneurship Organization ●

### Finance

18 Basic Entrepreneurship Accounting and Finance ● 19 Venture Finance ●

### Strategy / Marketing

17 Advanced Lecture in Research Skills Development (English) ●

14 Technology Marketing Game in Japanese ●

15 Technology Marketing Game(English) ●

13 Innovation Management ●

12 Basic Entrepreneurship Strategic Theory ●

14-2 Applied Entrepreneurship Marketing ●

14-1 Basic Entrepreneurship Marketing ●

Education students endeavor to actually put what they have learned into practice based on their knowledge and understanding of methodology.

30 Advanced Lecture in Idea Evaluation ● 31 Classes by QBS

28 Social Entrepreneurship ● 29 SDGs Entrepreneurship ●

24 Advanced Lecture in Technology Based Entrepreneurship ● 27 Advanced Lecture in Corporate Entrepreneurship ●

24 Lean Startup ● 25 Global PBL Program ●

23 Entrepreneurship Bootcamp ●

22 Advanced Lecture in Core Competence Management ●

21 New Business Creation ●

32 QREC Internship ● 33 Global Seminar (English) ●

### Student Initiative Programs

35 Startup Simulation program at the Kyushu University(QSHOP) ● 37 Academic Challenge(AC) ● 39 Global Challenge and Creation (G.C&C) ●

34 Idea Battle ● 36 Challenge and Creation (C&C) ● 38 Jump Out Challenge(J.O.C) ●

※Included Entrepreneurship Career Design(Student committee)

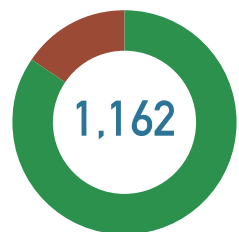
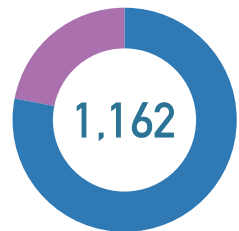
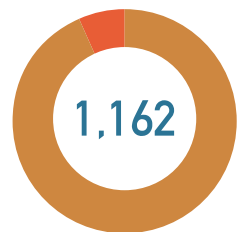




FOCUS ON

2

LECTURE

2022 COURSE DATA :  
NUMBER OF STUDENTSNumber of  
Students  
attending  
lectures1,162  
students[A Look at the Number of  
Undergraduate and  
Graduate Students in the  
Program]Undergraduates 899  
Graduate students 263[Number of Students  
by Gender]Men 866  
Women 296[Number of  
Overseas Students]Japanese students 1,052  
Overseas students 110

Undergraduates

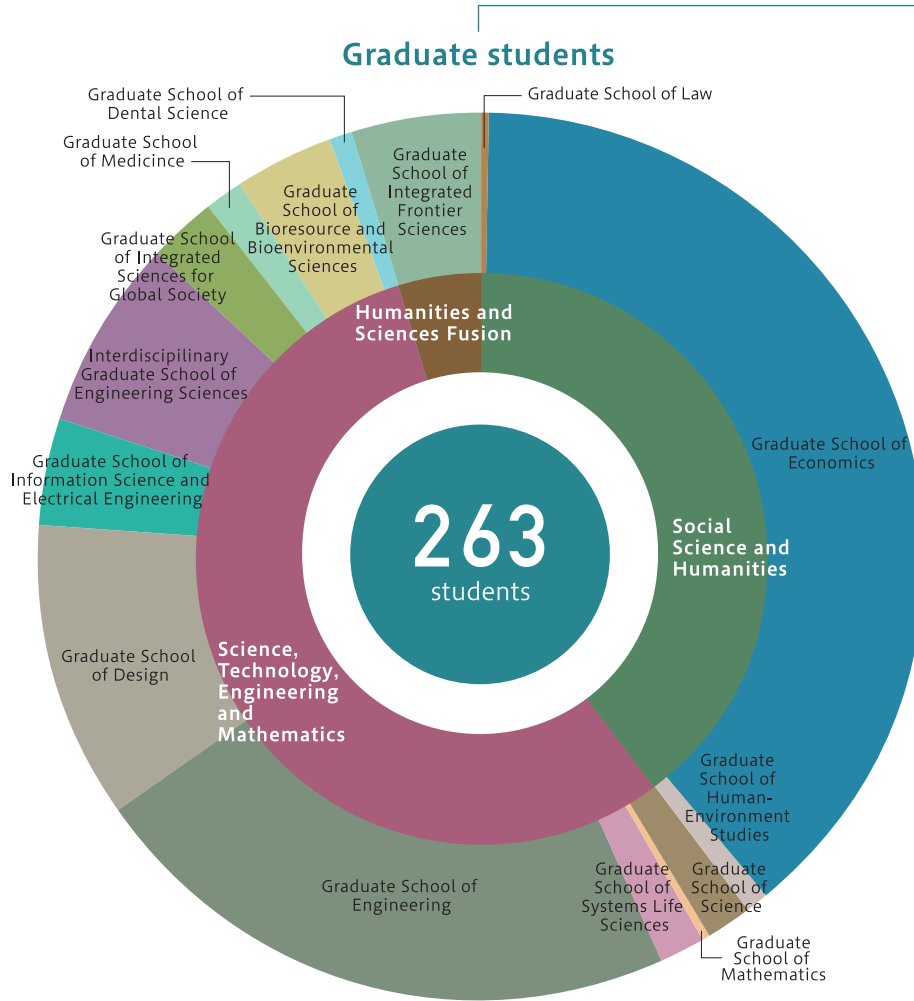
899  
studentsScience, Technology,  
Engineering and  
Mathematics

[Number of Students Taking Classes By Grade]

● 1st grade / 244 ● 2nd grade / 309 ● 3rd grade / 240 ● 4th grade / 106

Breakdown  
[Undergraduates]Social Science and  
Humanities 201  
Science, Technology,  
Engineering and  
Mathematics 530  
Humanities and  
Sciences Fusion 168

● School of Letters	36
● School of Education	19
● School of Law	28
● School of Economics	118
● School of Science	31
● School of Dentistry	6
● School of Pharmaceutical Sciences	16
● School of Engineering	376
● School of Design	37
● School of Medicine	18
● School of Agriculture	46
● The 21st Century Program	1
● Shool of Interdisciplinary Science and Innovation	167



Graduate students

263  
studentsHumanities and  
Sciences Fusion

[Number of Students Taking Classes By Grade]

● First year master's program / 178	● Second year master's program / 58
● First year doctoral program / 11	● Second year doctoral program / 10
● Third year doctoral program / 6	

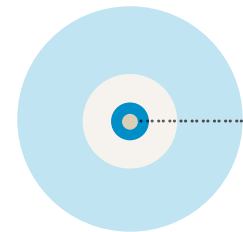
Breakdown  
[Graduate students]Social Science and  
Humanities 104  
Science, Technology,  
Engineering and  
Mathematics 147  
Humanities and  
Sciences Fusion 12

● Graduate School of Law	1
● Graduate School of Economics	100
● Graduate School of Human-Environment Studies	3
● Graduate School of Science	4
● Graduate School of Mathematics	1
● Graduate School of Systems Life Sciences	4
● Graduate School of Engineering	58
● Graduate School of Design	28
● Graduate School of Information Science and Electrical Engineering	11
● Interdisciplinary Graduate School of Engineering Sciences	19
● Graduate School of Integrated Sciences for Global Society	6
● Graduate School of Medicine	4
● Graduate School of Bioresource and Bioenvironmental Sciences	10
● Graduate School of Dental Science	2
● Graduate School of Integrated Frontier Sciences	12





## 2022 SCHEDULE



The cluster of QREC courses that enable credits to be earned as official subjects.

● Motivation ● Knowledge/Tool ● Integration



## LECTURE HIGHLIGHTS 1

## Introduction to Entrepreneurship

[Instructor] Shingo Igarashi / Kazushige Hirata (Part-time Lecturer)

Motivation Entry Level



This course is positioned as the starting point for education in entrepreneurship. Students learn the basics of how to identify entrepreneurship opportunities, generate ideas, and realize them. From the academic year of 2021, the course was redesigned to enable students to deepen their insight into both external and internal worlds under the guidance of Adjunct Lecturer Kazushige Hirata. Students looked deeply into themselves to clearly understand how to approach the external world and consider changes in the external world as stimuli to them and how they take into their inner world.

Lecture times:

First semester  
Spring quarter Wednesdays, periods 4&5 consecutive  
4/13, 20, 27, 5/11, 18, 25, 6/1, 8

Second semester  
Fall quarter Wednesdays, periods 4&5 consecutive  
10/5, 12, 19, 26, 11/2, 9, 16, 30

## Number of Students



School of Letters	1
School of Education	1
School of Economics	2
School of Science	4
School of Dentistry	1
School of Pharmaceutical Sciences	4
School of Engineering	14
School of Design	5
School of Medicine	4
School of Agriculture	12
School of Interdisciplinary Science and Innovation	12



School of Letters	7
School of Law	5
School of Economics	10
School of Science	2
School of Dentistry	2
School of Pharmaceutical Sciences	9
School of Engineering	11
School of Design	2
School of Medicine	1
School of Agriculture	2
School of Interdisciplinary Science and Innovation	5





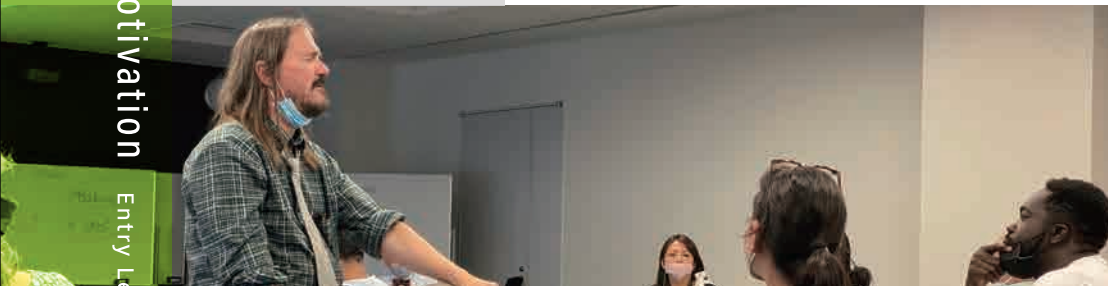
LECTURE  
HIGHLIGHTS 2

## Entrepreneurial Intention

[Instructor] Shingo Igarashi / Norris F. Krueger (Visiting Professor)

Motivation

Entry Level



In the area of entrepreneurship research, we are interested in entrepreneurship education, why people have the "entrepreneurial intention" to demonstrate entrepreneurship, what factors are associated with this intention, and what is the process of moving from intention to behavior.

In Japan, however, research in this field has lagged behind that of Europe and the United States. Therefore, we invited Dr. Norris Krueger, a leading expert in entrepreneurship research, to Japan to conduct a practical exercise with discussion on how to understand the basics of cutting-edge entrepreneurship education and how to conduct it effectively.

## Number of Students



Graduate School of Engineering	1
Graduate School of Information Science and Electrical Engineering	1
Interdisciplinary Graduate School of Engineering Sciences	1
Graduate School of Bioresource and Bioenvironmental Sciences	1
Graduate School of Human-Environment Studies	1

LECTURE  
HIGHLIGHTS 3/4

## Idea Lab I / Idea Lab II

[Instructor] Shingo Igarashi [Idea Lab I] / Yui Haraguchi (Part-time Lecturer) [Idea Lab II]

Motivation

Idea Generation / Design Thinking



In Idea Lab I, students use familiar materials to generate many ideas in a short period of time by applying a divergent method, and then select the best one using a convergent method. In the academic year of 2022, we were able to return to full offline lectures and enhance group work. Mr. Takeshi Yamada of teamLab was invited as a guest lecturer, and prototyping exercises were conducted.

In the Idea Lab II, students learn not only how to come up with ideas that contribute to solving social issues, but also how to conduct interviews and make presentations as concrete actions toward their implementation in society through group work.

## Lecture times:

[Idea Lab I] Wednesdays, periods 4&5 consecutive  
6/15, 22, 29, 7/6, 13, 20, 27, 8/3

[Idea Lab II] Wednesdays, periods 4&5 consecutive  
12/7, 14, 21, 1/11, 18, 25, 2/1, 8

## Number of Students



School of Letters	1
School of Education	1
School of Law	1
School of Economics	2
School of Science	2
School of Pharmaceutical Sciences	1
School of Engineering	7
School of Design	7
School of Medicine	4
School of Agriculture	5
The 21st Century Program	1
School of Interdisciplinary Science and Innovation	3



School of Letters	1
School of Education	1
School of Economics	2
School of Engineering	2
School of Design	1
School of Interdisciplinary Science and Innovation	5
Graduate School of Engineering	1
Graduate School of Medical Sciences	1





LECTURE  
HIGHLIGHTS 5

## Technology Marketing Game

[Instructor] Kosuke Kaneko / Yuka Watanabe

This course used Markstrat, a management simulation game from INSEAD, one of the world's leading MBA programs in France. Students, divided into teams of about six, competed for stock prices in the game. Students analyzed market data presented in the simulation, discussed the data and made decisions in teams, and reviewed those steps introspectively. The repetition of this process enabled students to acquire not only practical knowledge of various aspects of business administration, including marketing, finance and strategy, but also human skills, such as leadership and teamwork ability. On the final day of the lecture, the students gave their final presentations and presented their evaluations of the team's performance.

## Technology Marketing Game in Japanese

※Courses offered by the School of Engineering: Technology Marketing

&lt;Spring quarter&gt;

Wednesdays, periods 4&5 consecutive  
4/13, 20, 27, 5/11, 18, 25, 6/1, 8

&lt;Summer quarter&gt;

Wednesdays, periods 4&5 consecutive  
6/15, 22, 29, 7/6, 13, 20, 27, 8/3

&lt;Fall quarter&gt;

Wednesdays, periods 4&5 consecutive  
10/5, 12, 19, 26, 11/2, 9, 16, 30

## Technology Marketing Game (English)

&lt;Winter quarter&gt;

Wednesdays, periods 4&5 consecutive  
12/7, 14, 21, 1/11, 18, 25, 2/1, 8

Number of Students



School of Economics	9
School of Science	1
School of Engineering	181
School of Design	2
School of Agriculture	1
School of Interdisciplinary Science and Innovation	8
Graduate School of Law	1
Graduate School of Economics	1

LECTURE  
HIGHLIGHTS 6Advanced Lecture in Research Skills Development (English)  
(Special Course on Practical Research Skills)

[Instructor] Yuichi Harada

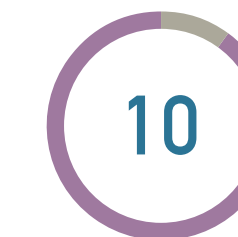
This year, international students were the main participants, but same as previous year one Japanese student took the course. The doctoral student raised a discussion about how to proceed with research based on their own experience of failure, and the students learned more specifically about research methodology than in previous years. The international students have their sights set on starting their own businesses in the future, and there was great interest in how to connect their research to entrepreneurship.

Lecture times:

&lt;Fall quarter&gt;

Friday, periods 4&5 consecutive  
10/7, 14, 21, 28, 11/11, 18, 25, 12/2

Number of Students



Graduate School of Design	1
Interdisciplinary Graduate School of Engineering Sciences	9



Student affiliation as of 2022





## LECTURE HIGHLIGHTS 7

### SDGs Entrepreneurship

[Instructor] Ahmed Ashir

The purpose of this course is to learn about the current state of global social issues and the social entrepreneurship model to solve them.

In addition to classroom studies to identify issues and learn theories with a focus on the UN Sustainable Development Goals (SDGs), the course includes a 10-day field study to an emerging country (Bangladesh) in order to gain direct experience in learning about the issues. In the academic year of 2022, the on-site training was cancelled due to the spread of the new coronavirus, but many guest lecturers from overseas gave lectures on how to find and solve social issues and social business design from various perspectives based on the local situation in their countries through online lectures. In addition, the students watched past speeches by Nobel Peace Prize laureate Muhammad Yunus and a documentary about social business initiatives in emerging countries. The tour also included a visit to "Shiraito no Mori," a participatory tourist farm in Itoshima City, which is based on the concept of "cultivating the power to live". Each team made a final presentation on one of the six themes, including four teams from Kyushu University, one team from Nepal, and one team from Bangladesh, in which they identified social issues and developed ideas for solutions.

Lecture times: 10/15, 22, 29, 11/12, 19, 26

[Guest lecturer]

- Tazin Shadid, Director & Board Members, YY Ventures
- Dr Rafiqul Islam Maruf, CEO, SocialTech Japan
- Faiz H. Shah, Coordinator, Asian Institute of Technology (AIT)
- Professor Masaharu Okada, Executive Director, Yunus and Shiiiki Social Business Research Center, Kyushu University
- Shazeeb M Khairul Islam, Founder and Managing Director, YY Ventures
- Dr Scott Valentine, Professor, Regenerative Planning and Circular Economy, Kyushu University
- Mostafezur Rahaman, Senior Manager, Research and Innovation, YY Ventures
- Kazuko Maeda, Shiraito no Mori
- Emmanuel Kweyu Deputy Director, iLabAfrica, Strathmore University
- A K M Moinuddin Chowdhury Managing Director, Grameen Kalyan



Number of Students



- School of Law 1
- School of Economics 1
- School of Agriculture 1
- School of Interdisciplinary Science and Innovation 8
- Graduate School of Engineering 1
- Graduate School of Information Science and Electrical Engineering 2



## LECTURE HIGHLIGHTS 8

### Global Seminar (English)

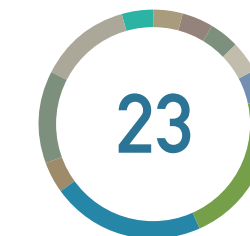
[Instructor] Shingo Igarashi / [Guest Lecturer] Dr.Yasuhiro Yamakawa (Babson College)

Just as the previous academic year, we again invited Dr. Yasuhiro Yamakawa from Babson College in the U.S., one of the top institutes for entrepreneurship research and education in the world. In the U.S. and Europe, it is commonly recognized that entrepreneurship is "teamplay" and entrepreneurship education at Babson College strongly encourages experiential learning of how to build a team and how to improve performance.

Therefore, during the Global Seminar, students worked on building new business ideas while reflecting on how their individual leadership as member of a team can influence team discussions and team activities.

- First semester, Intensive Course: 8/10 (Wed), 11 (Thu)
- Place: Garraway F

Number of Students



- School of Science 1
- School of Dentistry 1
- School of Engineering 1
- School of Design 1
- School of Agriculture 1
- School of Interdisciplinary Science and Innovation 5
- Graduate School of Economics 5
- Graduate School of Science 1
- Graduate School of Engineering 3
- Graduate School of Design 3
- Graduate School of Information Science and Electrical Engineering 1





## JETRO Commissioned Projects

The Japan External Trade Organization (JETRO) has selected us for its "Planning, drafting and implementation of an entrepreneurship education program in collaboration with overseas universities and other institutions" project.



To promote the formation and growth of startup ecosystems, the Japan External Trade Organization (JETRO) offers acceleration programs and other programs to help startups expand overseas. In the fiscal year 2022, to further strengthen the above efforts, we are working on entrepreneurship education projects in collaboration with not only world-class accelerators, but also with overseas core universities and university-related companies to absorb their networks and knowledge. Through this program, we aim to provide opportunities for pre-startup personnel to be exposed to the startup scene overseas, thereby fostering the soil for entrepreneurs and startups aiming to enter the global market.

### Entrepreneurship education program for prospective entrepreneurs in the United States and other countries

A global acceleration program for students to develop an entrepreneurial mindset. After conducting preliminary training in Fukuoka, this year's program used the winter vacation period to conduct an entrepreneurship business start-up practice program in the United States. Students interacted with entrepreneurship educators and accelerators on the East Coast of the U.S. to help them to raise their eyes and develop a more innovative and feasible social implementation, aiming to create globally oriented entrepreneurs.

#### ■ P17. Entrepreneurship Bootcamp

### Nordic Entrepreneurship Education Program for Prospective Entrepreneurs

Utilizing the international co-creation network with Aalto University in Finland, we train "Social Creative Entrepreneurs" who have the design ability to solve social problems. The program aims to cultivate social entrepreneurs with deep insight into society and an international mindset by bringing together students from diverse departments to work on projects in teams, and through discussions and exchanges with faculty and students at Aalto University. The program is unique in that it is a practical educational program that takes ideas from social issues in cooperation with government, businesses, and citizens.

#### ■ P18. Global PBL ■ P19. SLUSH ■ P20. Design X Entrepreneurship Global Symposium

### Start-up team formation and global network building

PBL-type entrepreneurship programs are conducted with overseas partner universities on a home-and-away basis. Student teams are formed from students of different nationalities, religions, and majors to integrate diverse perspectives, including STEM, business, and design, and to cultivate practical problem-solving skills that are relevant to the situation.

#### ■ P21. Venture Life Challenge 2022

## Entrepreneurship Bootcamp

[Instructor]  
Kosuke Kaneko /  
Hiromi Yamada (Visiting Faculty Member)

In this lecture, students work in teams to discuss a social issue they wish to solve and devise a solution to that issue. They will also devise a business model to realize the solution in a sustainable manner. The business model developed by the team will be refined through interviews with customers and pitches to startup professionals, as well as through feedback from a variety of people.

In the Boston training program, the team will visit Boston, which has one of the best startup ecosystems in the U.S., to discuss with students who have received excellent entrepreneurship education from Massachusetts Institute of Technology, Harvard, and Babson College, and improve the team's business model through interactions with faculty and students. The team will improve their business model to make it even better. Finally, the teams will pitch in front of startup professionals at the Cambridge Innovation Center (CIC) in Boston.

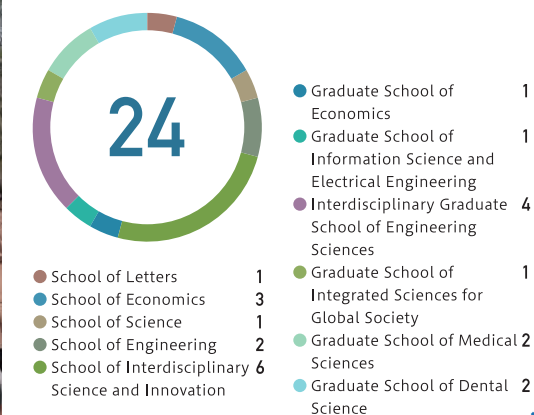


Lecture times:  
7/5, 9, 10, 23, 24, 8/27, 9/3, 10, 17, 24, 10/1  
Training in Boston: 2/23~3/5

[Guest lecturer]

- Prof. Yasuhiro Yamakawa at Babson College,
- Prof. Andrew Zacharakis at Babson College,
- Prof. Bradley George at Babson College,
- Daniel Enríquez Vidaña at Innovation Studio, Boston, USA,
- Damon Cox at Next Practice and Inclusive Growth,
- José Felipe Torres,

### Number of Students







## Global PBL Program

[Instructor]  
Yasuyuki Hirai /  
Tokushu Inamura /  
Kosuke Kaneko

This course features project-based learning (PBL) classes conducted in collaboration with Aalto University in Finland. Students learn to use design-thinking and design-fiction methods to propose specific solutions to social issues.

In 2022, as in the previous year, four teams were formed with the theme of a child-friendly society in 2050.

Students broke out in four teams to tackle the subthemes of "Childcare," "Fathers' Role," "Relationship" and "Work & Family." Students also interviewed Japanese people living in Finland and international marriage couples raising children in order to understand the actual situation in Finland. A public workshop and final presentation were held at the Iso Omena Library in Espoo.



- Second semester, Intensive Course  
10/4, 12/10, 11,  
1/28, 29, 2/11, 12  
Research in Finland:  
2/27~3/5

### Number of Students



School of Letters	1
School of Design	2
School of Interdisciplinary Science and Innovation	1
Graduate School of Economics	1
Graduate School of Design	5
Graduate School of Integrated Frontier Sciences	2



## SLUSH Dispatching

Four top-performing students from a program (24 participants) related to entrepreneurship education for prospective students and other entrepreneurs in Scandinavia were selected and sent to SLUSH\* in November. It was an opportunity to learn a lot through exchanges with a variety of people, including founders, VCs, government officials, and investors, both in Japan and overseas.

SLUSH is a startup event that started in Helsinki, Finland in 2008 and has grown to become the largest event in the Nordic region. The mission of the event is "to create and support the next generation of groundbreaking entrepreneurs." The event will feature booth exhibits, conferences, and one-on-one business meetings between startups and investors.

### LECTURE HIGHLIGHTS 12



### Number of Students



School of Design	1
QBS (Business School)	2
Graduate School of Integrated Frontier Sciences	1







## Design X Entrepreneurship Global Symposium 2023



### Purpose of holding this event

The integration of design education and entrepreneurship education is making great progress. In 2013, Kyushu University's Graduate School of Art and Design ("Graduate School of Art and Design") and Kyushu University's Robert T. Huang Entrepreneurship Center ("QREC") began teaching Design Thinking classes at Kyushu University and it's been 10 years since then.

We held this symposium with the hope that it would provide an opportunity to think together with you about the past 10 years and the next 10 years to come.

### Outline of the event

**Date:** Saturday, February 11, 2023, 18:30~21:00 **Place:** Science Hall, 6F, Fukuoka City Science Museum

**Schedule:** ■ **Opening Remarks** Professor Yasuyuki Hirai, Graduate School of Engineering, Kyushu University

■ **Keynote speech** 「Leading with Creativity」 IDEO Tokyo Managing Director Mr. Kenichi Nonomura

■ **Research Report (with Japanese translation)** Chalmers University of Technology, Sweden

Research Report 1 Yashar Mansoori, Postdoctoral Scholar

Research Report 2 Martin Olof Erland Stockhaus, PhD Candidate

■ **Panel Discussions** Student Project + SLUSH Report  
Kyushu University, Graduate School of Economics, Department of Industrial Management, Master's Student Asahi Yoshida  
Kyushu University, Graduate School of Integrated Frontier Sciences Master's Student Akiho Hyugono

#### <Panelists>

IDEO Tokyo Managing Director Mr. Kenichi Nonomura  
Product Management Office Product Management Division, Recruit Co. Ms. Natsuka Hamada

Kyushu University Robert T.Huang Entrepreneurship Center

Professor/Deputy Director Mr. Shingo Igarashi

Graduate School of Art and Design,

Kyushu University Professor Yasuyuki Hirai

**Organized by :** Graduate School of Art and Design, Kyushu University  
Robert T. Huang Entrepreneurship Center (QREC)  
Fukuoka Future Creation Platform

**Co-sponsored by :** Fukuoka School of Entrepreneurship (F.S.E)

※This symposium was held on behalf of Fukuoka Trade Information Center, Japan External Trade Organization (JETRO).



## Venture Life Challenge2022

A diverse group of students from different nationalities, universities, and majors formed a team and worked as short-term interns at a company, taking on the challenge of solving fundamental management issues presented by the company. Despite the impact of the new coronavirus, we were able to implement this program for the first time in three years.

In the past three years, the way of working on the corporate side has changed, with an increasing number of organizations adopting remote work as the mainstream, and in response to this, students had to face the challenge of how to maintain the team's centripetal force and team motivation and sublimate it into a better solution proposal.

Similarly, the students had to be creative in how to contact the "target audience" and pick up the "voice of truth".

Of course, we experienced more failures. However, when faced with reality, it is more natural for things to go wrong, and the main goal of this program was to learn from the failures.



### 【Schedule】

○Monday, 8/22, 13:30-18:00

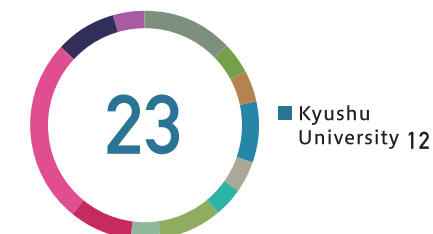
Kickoff event

○Tuesday, 8/23 ~ Friday, 9/2 Morning,  
Efforts to address issues at each company

○Friday, 9/2, 13:30-17:00

Final Presentation

### Number of Students



School of Engineering	3
School of Interdisciplinary Science and Innovation	1
Graduate School of Law	1
Graduate School of Economics	2
Graduate School of Design	1
Graduate School of Information Science and Electrical Engineering	1
Graduate School of Integrated Sciences for Global Society	2
Graduate School of Integrated Frontier Sciences	1

Ritsumeikan Asia Pacific University	2
Ritsumeikan University	6
Osaka Metropolitan University	2
Nara Institute of Science and Technology	1







## Platform for All Regions of Kyushu & Okinawa for Startup-ecosystem

### START (University and Ecosystem Promotion Type)

QREC was selected for the Startup Ecosystem Formation Support Program of the University-Ecosystem Promotion Type of the START Program for the Creation of New University-Born Industries.

In response to the "Support for the Formation of a Startup Ecosystem Promoting University-Ecosystem" by the Japan Science and Technology Agency (JST), 15 universities in Kyushu and Okinawa and FFG Venture Business Partners, Inc. Venture Business Partners (FVP) established Platform for All Regions of Kyushu & Okinawa for Startup-ecosystem (PARKS). Kyushu University, together with Kyushu Institute of Technology, will serve as the lead organization for the project.



**Lead Institutions:** Kyushu University, Kyushu Institute of Technology  
**Collaborating Institutions:** Nagasaki University, University of Kitakyushu, Saga University, Kumamoto University, Oita University, University of Miyazaki, Kagoshima University, University of the Ryukyus, Kyushu Sangyo University, Kurume University, Daiichi University of Pharmacy, Fukuoka University, Fukuoka Institute of Technology, FFG Venture Business Partners (FVP) Inc.

(As of March 2023)

#### ◎Project Goal

The PARKS Entrepreneurship Support Program aims to establish 155 companies by the end of fiscal year 2026. In addition, the Entrepreneurship Human Resource Development Program aims to provide entrepreneurship education at all PARKS participating universities by the end of fiscal year 2026. In addition, PARKS aims to have 12,000 students per year participating in entrepreneurship education at all PARKS universities by the end of fiscal year 2026.

#### ◎Business Overview

PARKS is a platform established with the aim of continuously creating university-launched startups that are customer-oriented and capable of realizing industry changes, and that should be located in the Kyushu-Okinawa region, which is the window to Asia. With Fukuoka City and Kitakyushu City, which have been selected as model cities for the startup ecosystem, as well as the Kyushu University Venture Promotion Council, as close collaborators, the platform will provide a full range of services from entrepreneurship education to startup support, with the goal of establishing PARKS Interuniversity by the end of fiscal year 2026. The goal is to establish PARKS Inter-University by the end of fiscal year 2026. PARKS will promote the creation of a startup ecosystem based on the following four pillars.

#### (1) Operation of programs to support entrepreneurial activities

- We provide a four-step entrepreneurship support program to seamlessly link the discovery of technology seeds that contribute to the creation of startups to the establishment of businesses through matching with entrepreneurs.
- Continuously from each university, educate and develop support personnel to realize startup creation.

#### (2) Development and operation of entrepreneurship human resources development programs

- With the aim of fostering faculty members involved in entrepreneurship education in the Kyushu-Okinawa region, a network of entrepreneurship educators will be established at PARKS participating universities to share knowledge and know-how related to entrepreneurship education. In addition, Faculty Development (hereinafter referred to as "FD") will be conducted in collaboration with advanced domestic and overseas organizations to develop faculty members who can implement entrepreneurship education in the Kyushu-Okinawa region.
- As entrepreneurship education for students, we will provide education that motivates and fosters awareness using an archive system. In addition, as education aimed at the formation of entrepreneurship competencies, we will provide social implementation education through PBL, etc., utilizing the unique characteristics of each university.

#### (3) Creating an environment for entrepreneurship

- Within this platform, we will (1) operate the PARKS archive system to link the initiatives of each university, (2) format various rules for the entrepreneurial environment, and (3) network the entrepreneurial environment of each center using ICT tools to create an environment for the creation of an all-Kyushu/Okinawa startup ecosystem.

#### (4) Formation and development of a hub city ecosystem

- Using both Fukuoka City and Kitakyushu City as model startup ecosystem hub cities, skills and know-how will be deployed throughout PARKS.
- We will also collaborate with Asian VC firms to provide support for startups with an eye toward expansion in Asia.



## Global Symposium for Entrepreneurship Educators

[Lecturer]

Mr. Yasuhiro Yamakawa and  
 Mr. Andrew "Zach" Zacharakis from  
 Babson College

Two faculty members from Babson College, which has been ranked No.1 in the field of entrepreneurship education by U.S. News & World Report for 29 consecutive years, came to Fukuoka to conduct an FD (Faculty Development) session for educators involved in entrepreneurship education. Thirty-three people attended the 3.5-day event, which included lively discussions and presentations for the future.



Dates:

Monday, March 13,  
 2023 - Wednesday,  
 March 15, 2023

9:00 - 18:00

Thursday, March 16,  
 2023 9:00 - 13:00

Venue:

TKP Garden City Hakata





## Research Project

At the Robert T. Huang Entrepreneurship Center at Kyushu University, we are conducting a 7 year of research project funded by a donation from Mr. Shuhei Morofuji. Alongside the project, we are also planning to initiate the publication of a research journal and annual symposium focused on entrepreneurship education.

The project focuses on examining the impact of entrepreneurship education on entrepreneurial intention, and behavior, with particular emphasis on developing effective teaching methods and feedback to enhance entrepreneurship education programs. As part of this project, we are collaborating with Dr. Norris Krueger, a leading scholar, as well as other foreign and Japanese researchers.

For FY2022, we are pleased to have Dr. Norris Krueger as our research advisor (Visiting Professor) for the “Entrepreneurial Intention” course.



Through this project, we are planning to conduct the following studies:

### Main Research

#### 1 / Students' Entrepreneurial Intention Research

##### Research team

- Prof. Norris Krueger,
- Prof. Gabi Kaffka,
- Prof. Shingo Igarashi,
- Dr. Enkhzaya Nergui

##### Areas of focus

Students' entrepreneurial intention,  
Meta-cognition

This study focuses on understanding how entrepreneurship education affects students' entrepreneurial intention and the development of their meta-cognition (thinking about their own thinking). It aims to explore the relationship between education and students' mindset towards entrepreneurship.

### Sub Research

#### 2 / Research of (Running) Process

##### Research team

- Prof. Chikako Toma,
- Assistant Prof. Enkhzaya Nergui

##### Areas of focus

Observation research –  
Learning process

This study aims to explore the underlying reasons for the changes that occur as a result of entrepreneurship education interventions. It seeks to identify the mechanisms or processes through which education influences students' attitudes, beliefs, or behaviors.

#### 3 / Behavior Research

##### Research team

- Prof. Megumi Takata,
- Assistant Prof. Yuka Watanabe

##### Areas of focus

Follow-up on alumni's behavior –  
Longitudinal research

This study focuses on examining whether the effects of entrepreneurship education last long enough to influence students' behavior beyond their academic years. By following up with alumni activities, we aim to assess the long-term impact of education on entrepreneurial behavior and identify the types of programs that have the most significant influence.

#### 4 / Team Research

##### Research team

- Associate prof. Kosuke Kaneko

##### Areas of focus

Team behavior

This study focuses on investigating team behavior in the new venture creation process, rather than individual behavior. The research aims to understand how teams collaborate, make decisions, and navigate the challenges associated with starting a new venture.







## QREC Core Faculty Members

ORGANIZATION 1



Megumi Takata

Director General,  
Robert T. Huang Entrepreneurship  
Center  
Professor,  
Department of Business and  
Technology Management  
Faculty of Economics

●Field of specialization:  
University-Industry Collaboration,  
Management of Technology (MOT),  
Entrepreneurship

●Teach courses on:  
Advanced Lecture in  
Core Competence management /  
Advanced Lecture in Idea Evaluation



Shingo Igarashi

Deputy Director General,  
Robert T. Huang Entrepreneurship  
Center  
Professor,  
Academic Research and Industrial  
Collaboration  
Management Office of  
Kyushu University (AiRiMaQ)

●Field of specialization:  
Entrepreneurship, Management  
Strategy Theory

●Teach courses on:  
Introduction to Entrepreneurship /  
Idea Lab 1 /  
Global Seminar (English) /  
Advanced Lecture in Technology Based  
Entrepreneurship /  
QREC Internship/  
Lean Startup/  
Entrepreneurial Intention



Yuichi Harada

Head of KOINE project division,  
Global Innovation Center

●Field of specialization:  
Nanoscience and nanotechnology,  
Open innovation management for  
international academia and industry  
research collaborations

●Teach courses on:  
Advanced Lecture in Research Skills  
Development in English /  
Innovation Management /  
Practical introduction to Data Science



Yasuyuki Hirai

Professor,  
Design Strategy Faculty of Design

●Field of specialization:  
Interior Design, Office Design,  
Interior Product Design, Inclusive Design

●Teach courses on:  
Design Thinking Project /  
Global PBL Program /  
Lean Startup



Takehiko Ogi

Professor of Department of Industrial  
Management, Faculty of Economics

●Field of specialization:  
Management

●Teach courses on:  
Industrial Ethics



Kosuke Kaneko

Associate Professor,  
Academic Research and  
Industrial Collaboration  
Management Office of  
Kyushu University (AiRiMaQ)

●Field of specialization:  
Multimedia Informatics

●Teach a course on:  
Digital Fabrication Tutorial /  
Co-creation Practice with  
Industry on Ideathon/Hackathon /  
Digital Fabrication with Design Thinking  
Technology Marketing Game  
Self-Discovery for Career Design



Yuka Watanabe

Robert T.Huang Entrepreneurship  
Center Research Fellow

●Field of specialization:  
Entrepreneurship

●Teach courses on:  
Entrepreneurship Career Design  
Technology Marketing Game  
Technology Marketing Game (English)



Enkhzaya Nergui

Research Assistant Professor  
Robert T.Huang Entrepreneurship  
Center Research Fellow

●Field of specialization:  
Entrepreneurship



Ashir Ahmed

Associate Professor,  
Faculty of Information Science and  
Electrical Engineering

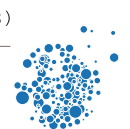
●Field of specialization:  
Social Business, Information and  
Communications  
Technology Development

●Teach a course on:  
SDGs Entrepreneurship

## ORGANIZATION

Cooperating  
teachers

ORGANIZATION 2





QREC Lecturers(Part-Time Lecturers)

ORGANIZATION 3



Professor  
Masaki Kuroki

Ritsumeikan Univerisity  
Graduate School of Technology Management  
School of Business Administration  
●Teach a course on:  
Applied Entrepreneurship Organization



Visiting Professor  
Hironobu Tamaki

President and CEO of  
Miyabi Foods.Inc.  
●Teach courses on:  
Advanced Lecture in Venture Finance /  
Advanced Lecture in Corporate  
Entrepreneurship



Visiting Professor  
Kenji Hirano

President and CEO of  
Drug39 Co.,Ltd.  
President of Segment ON2 Co.,Ltd.  
●Teach a course on:  
Applied Entrepreneurship Marketing



Visiting Professor  
Masataka Sugimoto

Senior Managing Executive Officer  
Senior Partner  
●Teach a course on:  
New Business Creation



Visiting Professor  
Norris F. Krueger

Kauffman Foundation ESHIP initiative  
ESHIP Goal Champion. Supporting  
major initiative to advance  
entrepreneurialecosystem building as a  
profession and supporting ecosystems globally.  
●Teach a course on:  
Entrepreneurial Intention



Associate Professor  
Tsutomu Tobita

Fukuoka University  
●Teach a course on:  
Basic Entrepreneurship  
Organization Science /  
Basic Entrepreneurship Strategic Theory /  
Basic Entrepreneurship Marketing



Professor  
Kosuma Shinohara

Fukuoka Univerisity  
●Teach a course on:  
Basic Entrepreneurship Accounting and  
Finance



Visiting Associate Professor  
Yui Haraguchi

President, YOUI Inc.  
●Teach a course on:  
Idea Lab II



Kazushige Hirata

President, Jicou,Inc.  
●Teach a course on:  
Introduction to Entrepreneurship



Visiting Faculty Member  
Hiromi Yamada

Specially Appointed Lecturer,  
Osaka Metropolitan University  
Chief Advisor,  
Chokuan Business Support Center  
●Teach a course on:  
Entrepreneurship Bootcamp

(As of March 2023)



QREC Advisory Committee Members

ORGANIZATION 4

<b>Robert T. Huang</b> Former Chairman of the Board at SYNNEX Corporation Honorary Doctor of Kyushu University	<b>Kenji Kutsuna</b> Professor, Graduate School of Business Administration Kobe University Vice Dean and Professor of Entrepreneurial Finance, Graduate School of Science, Technology and Innovation, Kobe University
<b>Richard B. Dasher</b> Director, US-Asia Technology Management Center Consulting Professor, School of Engineering Stanford University	<b>Gen Isayama</b> General Partner & CEO, WiL, LLC.
<b>Wakako Tokuda</b> President and CEO, Yuko Yuko Holdings Inc. Former President & CEO	<b>Masayoshi Nuki</b> Advisor, Kyushu Electric Power Co.,inc.
<b>Hardy TS Kagimoto</b> President & Representative Director & CEO, Healios K.K	<b>Shuhei Ishimaru</b> Director General, Fukuoka Directive Council (FDC)
<b>Shuhei Morofuji</b> Founder & CEO, Reapra Pte Ltd.	



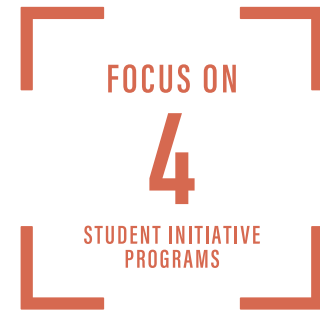
QREC Steering Committee Members

ORGANIZATION 5

<b>Megumi Takata</b> Director General, Robert T. Huang Entrepreneurship Center	<b>Koichi Akashi</b> Dean, Graduate School of Medical Science
<b>Yoshiki Hori</b> Dean, Faculty of Human- Environment Studies	<b>Koji Harada</b> Dean, Faculty of Arts and Science
<b>Yoshimi Sonoda</b> Dean, Graduate School of Engineering	<b>Shingo Igarashi</b> Deputy Director General, Robert T. Huang Entrepreneurship Center
<b>Akira Omoto</b> Dean, Graduate School of Design	<b>Shinji Ohnishi</b> Professor, Academic Research and Industrial Collaboration Management Office of Kyushu University
<b>Miki Nakao</b> Dean, Graduate School of Bioresource and Bioenvironmental Sciences	

(As of March 2023)





Overview

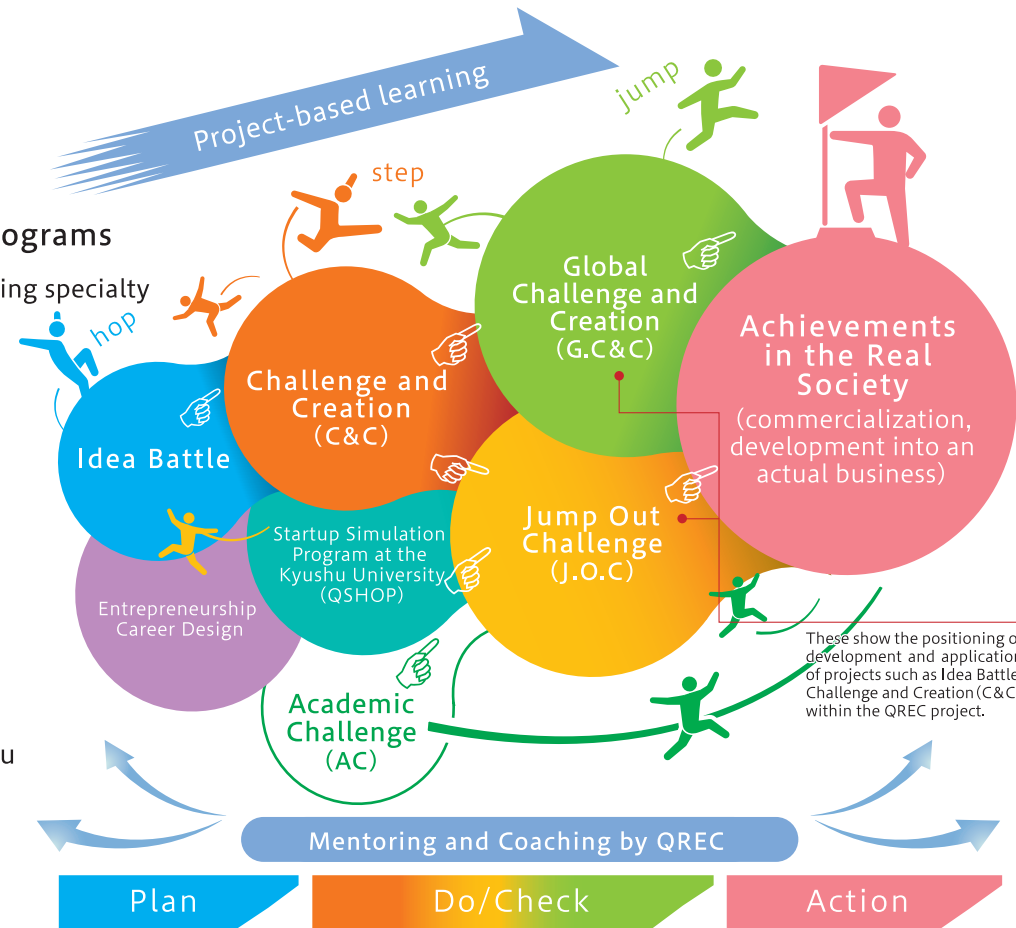
## S.I.P

### Student Initiative Programs

QREC conducts the following specialty programs and projects.

All of the programs are eligible for grants.

- Global Challenge and Creation (G.C&C)
- Jump Out Challenge (J.O.C)
- Challenge and Creation (C&C)
- Startup Simulation Program at the Kyushu University (QSHOP)
- Entrepreneurship Career Design
- Idea Battle
- Academic Challenge (AC)



These programs were designed for students to participate by adding steps from the initial idea stage up to the specific implementation stage.



Total of program participants

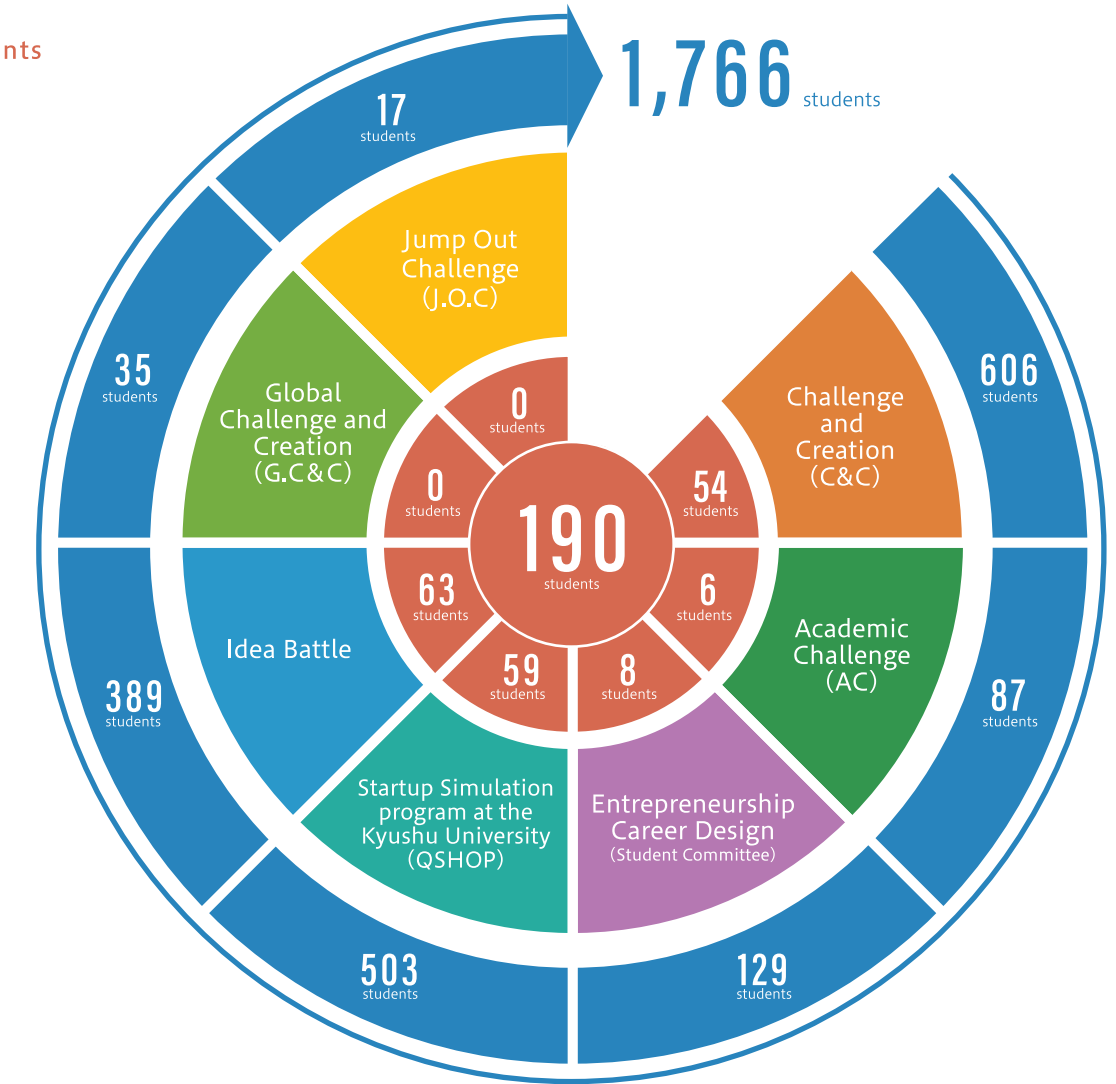
In 2022

190 students

From 2011 to 2022

1,766 students

Since the launch of C&C in 1997, QREC has been offering a number of Student Initiative Programs. In the 2022 academic year, students take initiative and act in Project, and receive an award in competition.







## State of activities thus far

## STUDENT INITIATIVE PROGRAMS

Students took on the following distinctive programs step by step, leading to receiving an award and starting ups.



Started in 2016

Started in 2016



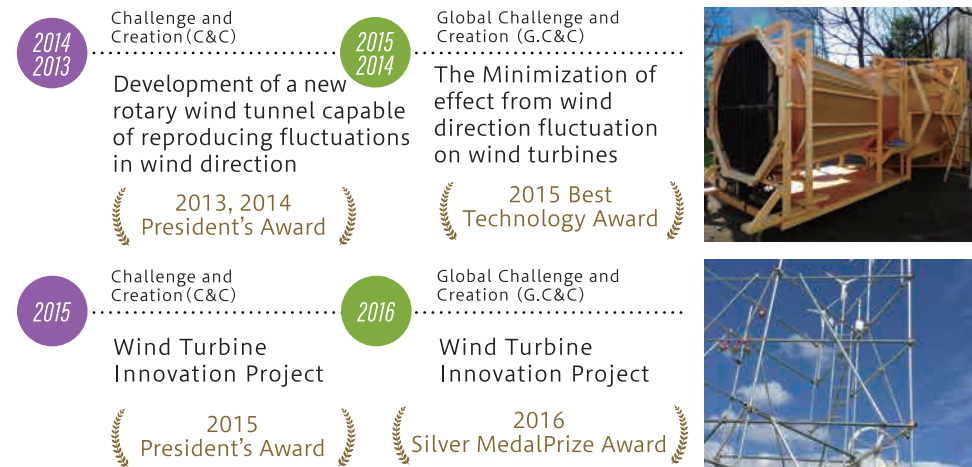
Started in 2018



Started in 2019



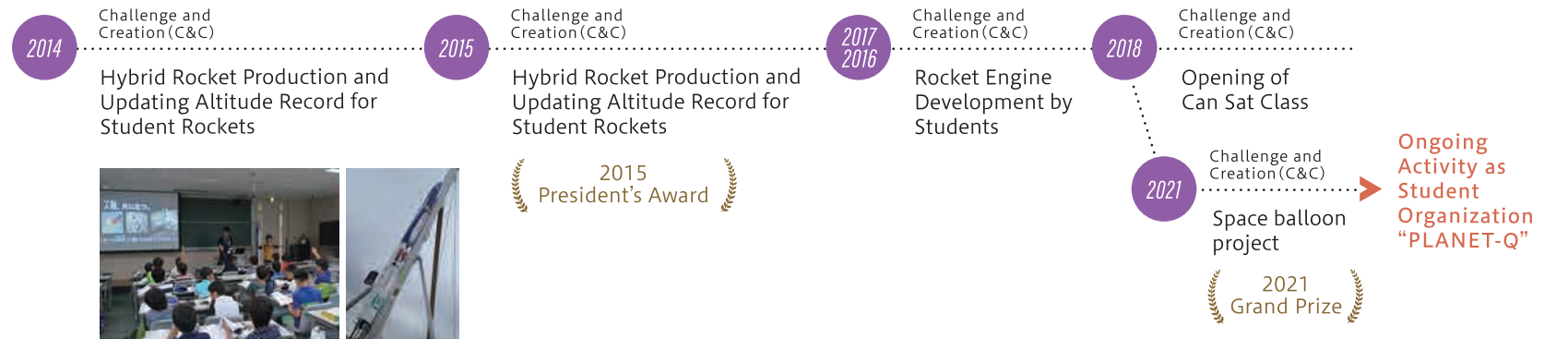
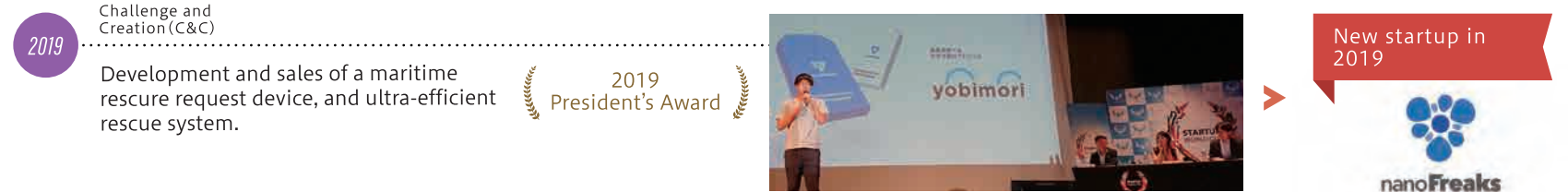
## TECO Green Tech Contest



The first ventures business launched from QREC arrives



The first ventures business launched from the Startup Club arrives



# STUDENT INITIATIVE PROGRAMS 1

## Idea Battle

<https://qrec.kyushu-u.ac.jp/en/ideabattle>

Show the world your creative and innovative ideas!!

Idea Battle enables the suggesting of more realistic projects by providing advice from mentor and preliminary research into the latent needs, competitive technologies and intellectual property rights regarding the creative but unrefined ideas cradled by the students.



## Idea Battle Project Number of applications Comprehensive Summary

In the academic year 2022, the Idea Battle was held twice, the 1st and 2nd battle.

There were 11 applications for the 1st battle, and 10 were selected. In the 2nd battle, 9 out of 14 applications were selected.

**1st Battle**

● 1st Battle Battle Review Board  
28 May 2022 (Sat) 14:00~

● 1st Battle Final Presentation  
23 Oct 2022 (Sun) 13:00~

**2nd Battle**

● 2nd Battle Review Board  
23 Oct 2022 (Sun) 16:15~

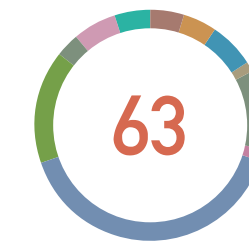
● 2nd Battle Final Presentation  
17 Feb 2023 (Fri) 15:00~



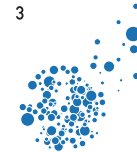
Themes and number of adopted themes for the academic year 2022 are as follows:

Theme	Number
Information and communication technology ICT (including Web business)	7
Greentech (environmental technology)	0
Big data (statistical analysis)	0
Base Of Pyramid (BOP)	0
Agri-bio/health care	6
Others	6

Number of participants



● School of Letters	3
● School of Law	3
● School of Economics	4
● School of Science	1
● School of Engineering	7
● School of Medicine	1
● School of Agriculture	25
● School of Interdisciplinary Science and Innovation	10
● Graduate School of Engineering	2
● Graduate School of Systems Life Sciences	4
● Graduate School of Information Science and Electrical Engineering	3





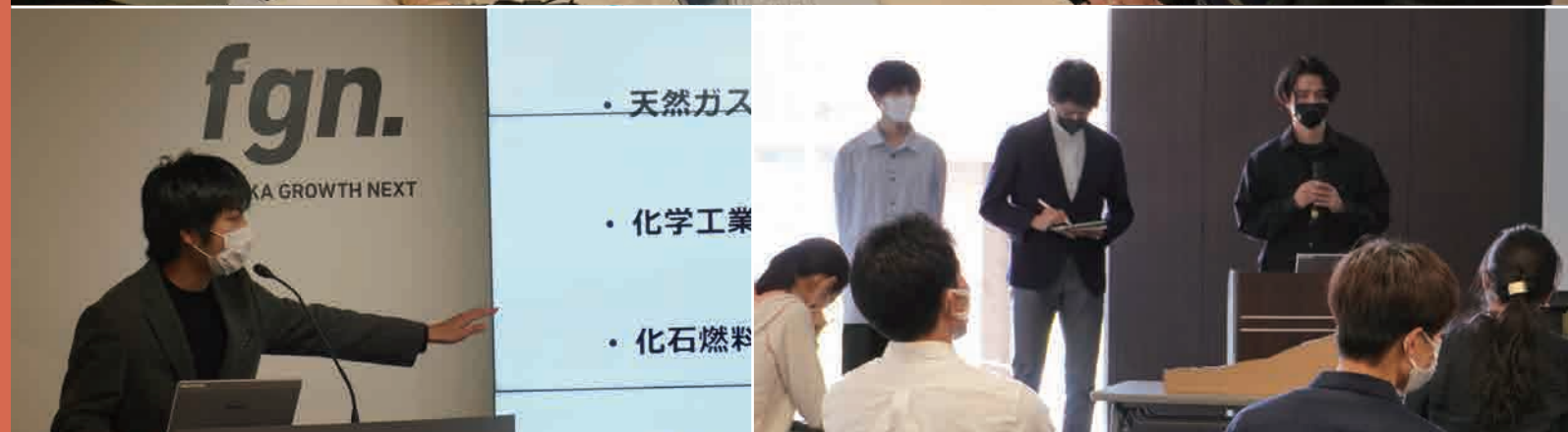
## STUDENT INITIATIVE PROGRAMS 2

### Challenge and Creation [C&C]

<https://qrec.kyushu-u.ac.jp/en/cc>

A university-wide effort to promote one-year projects aided by grants from the Kyushu University Fund.

With the idea of producing a creative, challenging environment, C&C was begun in 1997 as an annual university-wide effort designed to provide assistance to unique ideas and research projects planned by Kyushu University students. The program now epitomizes Kyushu University's unique approach to education.



### C&C Number of applications Comprehensive Summary

In the academic year 2022, the Idea Battle was held twice, the 1st and 2nd battle.

At the final presentation, Grand Prize and Excellence Award were selected by a very close margin for each team.

#### Selected Projects

	Project
(First Award)	Outdoor play on the temporary stage made of split bamboo
(Excellence Award)	"Joint with," an inexpensive and easy system for creating wheelchairs optimized for each individual pet
(Excellence Award)	Developing frost protection methods that meet farmers' needs
(Excellence Award)	Bio Gas
	Space balloon project
	biocouture

#### Schedule

##### ● Applicant Review Board

↓ 21 May 2022 (Sat) 13:00

##### ● Mid-term Presentation

↓ 5 Nov 2022 (Sat) 13:00

##### ● Final Presentation

↓ 16 Feb 2023 (Thu) 15:00

##### ● Award Ceremony

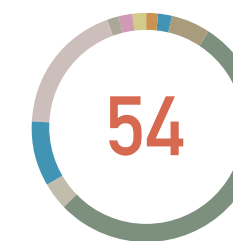
20 Mar 2023 (Mon) @VIP Reception Room, Shiiki Hall

External Judges		
Mitsuo Koga	President	Koga Management Institute Co., Ltd.
Miki Nakayama	Cross-media news department	The Nishinippon Shimbun
Mayumi Iritono	President and Representative director	Machi no Wa Co., Ltd.
Hironobu Hori	General Manager of Founding and Location Promotion Department	Fukuoka City Startup Support Division

(As of March 2023)



#### Number of participants



School of Law	1
School of Economics	1
School of Science	3
School of Engineering	29
School of Design	2
School of Agriculture	5
Graduate School of Human-Environment Studies	10
Graduate School of Design	1
Graduate School of Systems Life Sciences	1
Graduate School of Bioresource and Bioenvironmental Sciences	1



# STUDENT INITIATIVE PROGRAMS 3

## Entrepreneurship Career Design

<https://qrec.kyushu-u.ac.jp/en/entreseminar>

### An Interdisciplinary Entrepreneurship Education Program

For the Entrepreneurship Career Design, professionals active on frontlines of their respective fields are invited to Kyushu University to present omnibus-style guest lectures that enable students to experience "entrepreneurship" by hearing these experts speak directly and exchanging opinions with them during Q&A sessions.

The student committee members will take the lead in planning and organizing the program, including deciding on the theme, selecting and negotiating with Visiting Faculty Member, and structuring the lecture on the day of the lecture.



## Entrepreneurship and Career Design

Fall quarter Fridays periods 5&6 consecutive

Theme 「Encountering the unknown, creating a path -Let's embrace to remodel and reclaim our world and live it!-」

### Student Committee Member Voice

As a member of the Entrepreneurship Career Design committee this year, I learned a lot by contacting and negotiating with outside speakers. At regular meetings among the student committee members, QREC professors taught us techniques that we can use when inviting lecturers. It was a good experience for me through the trial-and-error process of creating the lecture up to the attendance on the day of the lecture. What particularly impressed me in the class was what one of the professors said, "I have always been fortunate to have a chance to meet people". As a member of the Entrepreneurship Career Design student committee, I believe that the QREC professors, outside lecturers, and other student committee members have become my wonderful connections.



School of Interdisciplinary Science and Innovation B3  
Wang Yifan

### Schedule

[April-May] ● Launch of Executive Committee →

[May-September] ● Deciding the theme ● Consultations with the guest lecturers

[October-November] ● Lectures by the guest lecturers according to theme

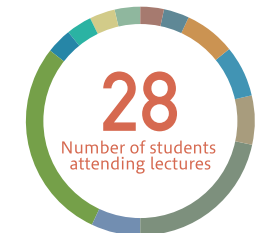
● Making posters →

● Number of Students  
8 students committee

### [ 2022 Entrepreneurship Career Design Lecture Schedule ]

Date	Guest Lecturer / Affiliation
Day 1: 10/5	atDose Co., Ltd. Founder & CEO Hidenori Nakamura
Day 2: 10/12	Certified NPO Teach For Japan Chairperson, CEO Takeaki Nakahara
Day 3: 10/19	Linc, Inc. Founder&CEO Shiyo Naka
Day 4: 10/26	LEGALEX LLC. Representative Osamu Miyama Tsutsumi & Partners Law Office Representative Lawyer Etsuro Tsutsumi
Day 5: 11/2	Documentary4 inc. Documentary Videographer CEO Hirokazu Kishida
Day 6: 11/9	Cross Base Executive Director KIM Hwa Young
Day 7: 11/16	MarketRiver Corporation Representative Director, President Yuko Ichikawa
Day 8: 11/30	Uddog o Uddogta Bangladesh Managing Director Jahan Ruma Akhtar Shirin

(As of December 2022)



● School of Letters	1
● School of Education	1
● School of Law	2
● School of Economics	2
● School of Science	2
● School of Engineering	6
● School of Agriculture	2
● School of Interdisciplinary Science and Innovation	8
● Graduate School of Economics	1
● Graduate School of Information Science and Electrical Engineering	1
● Graduate School of Bioresource and Bioenvironmental Sciences	1
● Graduate School of Integrated Frontier Sciences	1



# STUDENT INITIATIVE PROGRAMS 4

## Startup Simulation program at the Kyushu University [QSHOP]

<https://qrec.kyushu-u.ac.jp/en/qshop>

[Teacher] Kosuke Kaneko / Hiromi Yamada

A program for learning the fundamentals of running a company and gaining hands-on experience of operating a company

QSHOP provides an opportunity for students to learn about starting businesses and management by means of the Kyudaisai Festival. As a hands-on experience of the process for starting a business using real cash, QSHOP is a project-based-learning (PBL) program.



## 🌀 Startup Simulation program at the Kyushu University [QSHOP] 10 Years of Activity

Number of QSHOP Stalls from 2011~2022

52

Participants from 2011~2022

503

● In the 2020 & 2021 academic year, the Kyudaisai Festival was cancelled due to COVID-19.

In 2022, 59 people participated in QSHOP, and 4 teams opened stores.

Gather! Taste of Kyushu Oisido	Coppebread shop in collaboration with high school students from Kumamoto High School and Kagoshima Minami High School
Bubble Gal Culture Café	QBS team produced a café where visitors can experience the fads and culture of the bubble economy of the 80s and 90s.
Duel Masters Experience	Try Duel Masters! Whether you've never played before or used to play, experience DUEMA today with an explanation!
Ritzy Ichiba	International costume rental service and Asian food sales

### 🌀 Schedule

[May] ● Participant Application Deadline →

[June] ● Rules Briefing Session →

[August] ● Product and service prototyping →

[October] ● Business plan presentation and stock price negotiation

● Company Incorporation and Registration →

[November] ● Kyushu University Festival →

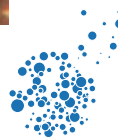
[January] ● Accounting audit

● General Meeting of Shareholders

● Awards and company liquidation

The winner in the academic year of 2022 was the team that was able to maximize its return on equity (ROE).

QBS Team: "Bubble Gal Culture Café"





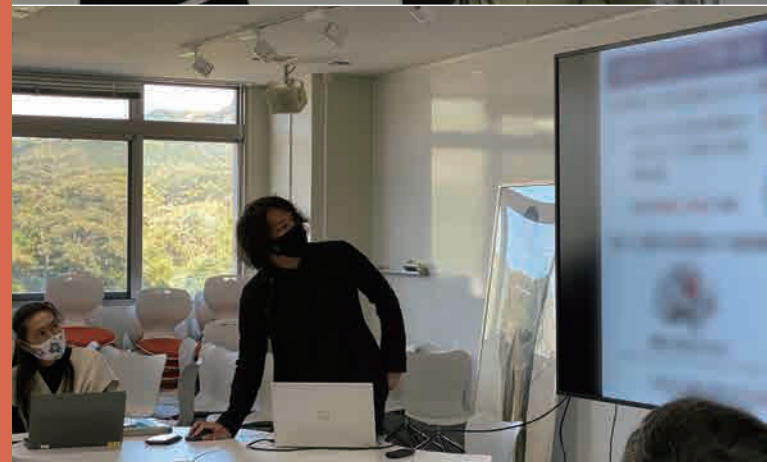
## STUDENT INITIATIVE PROGRAMS 5

### Academic Challenge[AC]

<https://qrec.kyushu-u.ac.jp/en/ac>

A program supported with research grants for students to learn research management.

Academic Challenge(AC) is a research promotion program aimed at graduate students enrolled at Kyushu University. Students plan out their own research projects with any necessary capital provided by the university and students carrying out the actual research. The aim of the program is for students to gain valuable research management experience through this sequence of hands-on exercises.



There were 10 applications with six projects selected in the 2022 academic year. This fiscal year, we received many applicants from engineering and pharmaceutical fields.

#### Theme of selected projects

Mechanism of saltophilicity in ice plant with a focus on long noncoding RNAs (lncRNAs).

Synthetic Biology and Machine Learning for the Construction of *Escherichia coli* Platform Strains for Isoprenoid Group Production

Basic evaluation of the efficacy and safety of Photoswitch for the development of artificial sensory organs based on optical nerve stimulation. ※English notation: not yet confirmed by student

Brain-derived microRNA as diagnostic and therapeutic biomarkers for epilepsy.

Construction of Machine Learning Force Fields for Biomolecules using Active Learning

Species diversity and life history of Japanese Proctotrupidae (Hymenoptera: Proctotrupeoidea)

#### Schedule

● Academic Challenge (Document Review)  
May 19 (Thu)

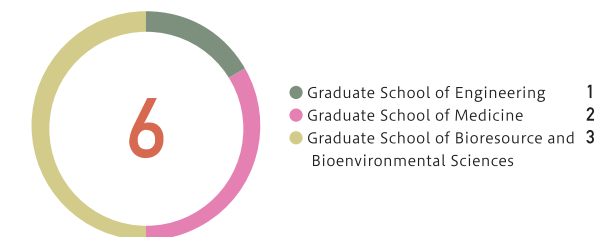


● Mid-term Presentation  
November 7 (Mon)



● Academic Challenge Final Presentation  
February 2023 (Thu)

#### Number of participants





## STUDENT INITIATIVE PROGRAMS 6

### Jump Out Challenge[J.O.C]

<https://qrec.kyushu-u.ac.jp/en/joc>

## STUDENT INITIATIVE PROGRAMS 7

### Global Challenge and Creation [G.C&C]

<https://qrec.kyushu-u.ac.jp/en/gcc>



Try your skill outside the university! Try out your idea plan!

QREC supports students to participate off-campus domestic business contests and project contest as Jump Out Challenge (J.O.C).

Challenging a world of globalization! Let us do battle with overseas students!!

Moreover, Global Challenge and Creation (G.C&C) provides opportunities for students to compete directly with overseas students in overseas student business plan competitions students get a opportunity to apply for fourth times in a year. In the 2019 academic year there were two applications, of which a Hult Prize project was selected.



## STUDENT INITIATIVE PROGRAMS 8

### QREC Premium Members Accreditation

<https://qrec.kyushu-u.ac.jp/en/qrecpremiummembers/>

Starting in the 2017 academic year, QREC will begin QREC Premium Members accreditation, a system for accreditation of university student clubs that are officially recognized by QREC. This is a system that supports independent student activities. With QREC Premium Members accreditation, you can receive the following kinds of support:

### Types of QREC Premium Membership

#### Current QREC Premium Members Accreditation Club

Type 1 **Primus** This is on a par with winners of the C&C “Best Award” and it provides accreditation for independent activities.



Type 2 **Superus** C&C winners and so on will be provided active mentoring and other such support. The accreditation period is one year.



Type 3 **Primary** This is granted for the Idea Battle winners and voluntary student club applicants. The accreditation period is within the period in which the Premium Members engage in the QREC Projects (a maximum of one year).



We, PLANET-Q, are a circle that builds rockets and space balloons day and night based on the slogan "After School Space Development!". As a premium member of QREC, we have received annual interviews and financial support. Furthermore, various projects in our circle have been selected by C&C, and we have received generous support such as consultations at the interviews. In addition, QREC has given us a lot of support in terms of production, allowing us to use the 3D printer, 4-axis CNC, and various other equipment in their workshop for our prototyping and manufacturing.



Hayato Nagazawa  
School of Engineering , Department of Mechanical and Aerospace Engineering

(As of March 2023)





## Kyusoukai Fund



### Outline

Select students with clear social issues and provide focused long-term support.

### Support:

- Grant support for business start-up preparation funds, 1 million yen to 2.5 million yen, paid twice a year, in October and January.
- Mentoring by Alumni entrepreneurs and faculty.
- Providing mutual learning opportunities and long-term support through community building.



### System and Structure

Kyusoukai was established through a donation to Kyushu University Robert T.Huang Entrepreneurship Center (QREC) from President Tadahisa Kagimoto, a graduate of Kyushu University School of Medicine and a founder of HEALIOS K.K. The purpose of Kyusoukai is to support the development of human resources who will support the future of Japan from Kyushu University by doing business.

The Kyusoukai Fund supports for the Kyushu University students who are aware of the current situation, recognize social issues that need to be solved, and aspire to solve problems through social implementation through business with a constructive and critical spirit.



### Students eligible for the fund

- (1) Students who have a deep awareness of the current situation and can immerse themselves in thinking about it from diverse perspectives.
- (2) Students who are aware of essential and major social issues that have not been solved yet and have a strong desire to “do something about it”.
- (3) Students who can persistently work to solve social issues with a constructive and critical spirit, without being distracted by easy ideas and trends.
- (4) Students who are able to solve problems through collaboration; who can find colleagues to work together on things that cannot be handled by themselves.
- (5) Students who have a strong desire to grow up as human being through the activities of this fund.



### Required activities

- (1) Verbalize your awareness of your own problems and define the social issues you want to solve.
- (2) Devise a solution to the problem with a wide range of free ideas, without being bound by of trends or existing frameworks.
- (3) Aiming for social implementation through business by testing hypotheses (=action) repeatedly of the solutions devised.
- (4) Ensure the continuity of activities by engaging in dialogue with various people, including Kyusoukai mentors, to gain their endorsement and specific cooperation.



### First Adopters' Voices

Kyusoukai encourage us to explore the fullest potential of ourselves. This community has more than energy and power, but also love and openness. Let's stand next to each other to sail the ship with destinations of the future with brave sight and creative mind! Can't wait to meet you!

Interdisciplinary Science and Innovation B2 **Liu Yuer**



Since being adopted by the Kyusoukai, as I had dialogues with its members, I realized that I had been growing up with a feeling of discomfort or distrust toward society since the age of 6, when my life began to be shaken greatly, even if it was only somewhat. I am sure that there are many people reading this article who have felt something at some point in their lives, and others who have not. For me, this Kyusoukai is a place where I can be positive even if I am motivated by this feeling of discomfort. I have also been able to meet new friends who have given me new vitality.

What do you want to change over the course of your life? What kind of future can we both settle down in, whether it is in the tiny micro-self or in the too-big macro world economy? In the end, it may be a question with no answer, but I am looking forward to the increase in the number of friends who can think and act together with me without fear of failure or backsliding, and I will keep moving in gnarly bits and pieces.

Department of Aeronautics and Astronautics D3 **Shingo Motodani**



Kyusoukai is a place where you can grow as a person and an entrepreneur. I am working on getting to know myself deeply through dialogue and mentoring with the members of Kyusoukai. I feel that this is not only an indicator for me of how I will walk with society through business from a long-term perspective, but also something that is necessary for my continued personal growth. I have a relationship with my classmates at Kyusoukai that allows us to respect each other, and I believe that this relationship will continue to be an important one in the future. We're waiting for the student who will be our second term student at Kyusoukai!

Graduate School of Integrated Frontier Sciences M1  
**Kazuya Iwai**



Kyusoukai is a community of people who want to change society according to their vision. All you need is a problem that you really care to solve, and the will to take action. Looking forward to welcoming you in our community!

Mechanical Engineering, Department of Mechanical and Aerospace Engineering, School of Engineering B4  
**Sadiq Umer**

(As of March 2023)



2022/10-2023/3

### Mentoring: October - March

Online, in-person, etc., as needed, was coordinated between each individual and the mentor.



### Implementation Schedule for the academic year of 2022

2022/6-7

Application period:  
June 1 (Wed) -  
July 29 (Fri)

Total number of  
applications: 47  
Number of adopters: 4

2022/8-9

Selection period:  
August 1 (Mon) -  
September 26 (Mon)

Selection is conducted through  
dialogue on matching the  
depth of students' awareness  
of social issues with solutions  
using business mechanisms.

2022/10

Kickoff meeting:  
October 2 (Sun)

The adopted students and  
mentors met with each other  
and shared the overall picture  
of what the Kyusoukai is  
supporting, including its  
ultimate goals and objec-  
tives.

2023/1

Interim briefing:  
January 26 (Thu)

Progress of the activity will be  
given by the adopters and  
opinions and advice on future  
activities from the mentors  
and other adopters will be  
obtained. In addition, students  
will exchange opinions on how  
to make the scrape fund even  
better.

2023/3

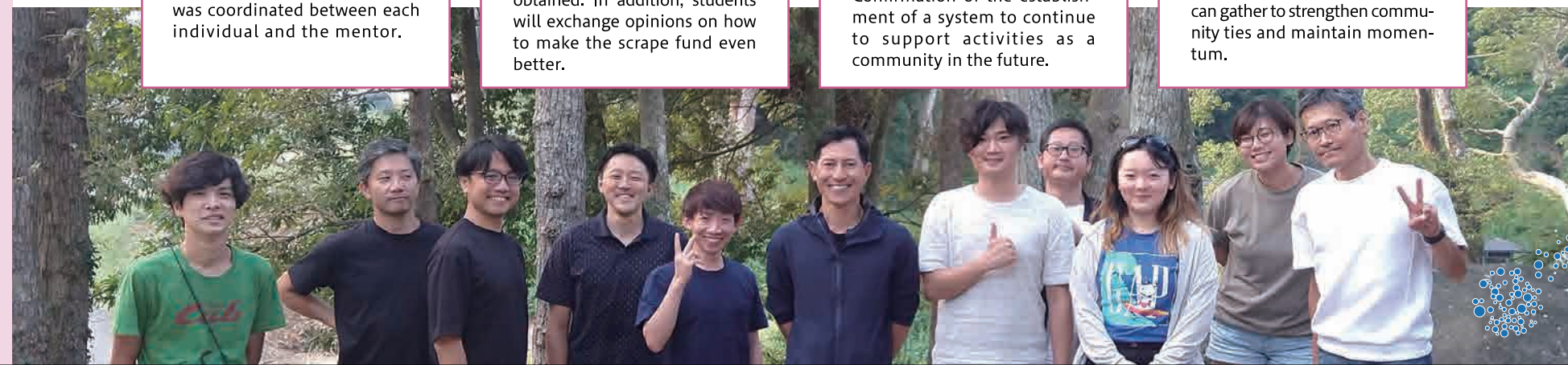
Final Debriefing  
March 9 (Thu)

Progress of the activity will be  
given by the adopters and  
opinions and advice on future  
activities from the mentors  
and other adopters will be obtained.  
Confirmation of the establish-  
ment of a system to continue  
to support activities as a  
community in the future.

2023/4

The First Annual Party:  
April 4 (Tue)

Community activities of Kyusou-  
kai Alumni . This is the first  
year of the program, but from  
the next year, it will be a place  
where adopters from all terms  
can gather to strengthen commu-  
nity ties and maintain momen-  
tum.





FOCUS ON

5



Top

Ito CampusCenter Zone 5 7F <https://qrec.kyushu-u.ac.jp/en/facilities/top>

## FACILITIES 1

## Creating with students' free ideas

Current students of Kyushu University who have been selected for Student Initiative Program (S.I.P.) projects such as Challenge & Creation (C&C) and Academic Challenge (AC), which are offered by QREC to support students' creative activities, Premium Members, Kyusoukai, and others can freely use the space for meetings and socializing. QREC Open House began every Friday in the academic year of 2022. Open House days are freely available to everyone to use, and we hope it will become a place where many students can easily gather.



Base

Ito CampusCenter Zone 6 2F <https://qrec.kyushu-u.ac.jp/en/facilities/base>

## FACILITIES 2

QREC Studio 1/QREC Studio 2 <https://qrec.kyushu-u.ac.jp/en/qrecstudio12/>

The QREC Studio 1 and QREC Studio 2, in room 5722, 5724 on seven floor of the Center Zone 5 building, at the Ito Campus. Students enrolled at Kyushu University who have been selected to participate in Student Initiative Programs like C&C and AC, as well as students taking QREC courses, can use the Studio if they make a reservation in advance. We set up digital machines like 3D printer in the QREC Studio 1 and wood working machines like Band Saw in QREC Studio 2.



QREC Studio 1



3D Printer (AFINIA3D)



Laser machine (trotec)



CNC mill/BT200



QREC Studio 2



Benchtop bandsaw



Belt sander



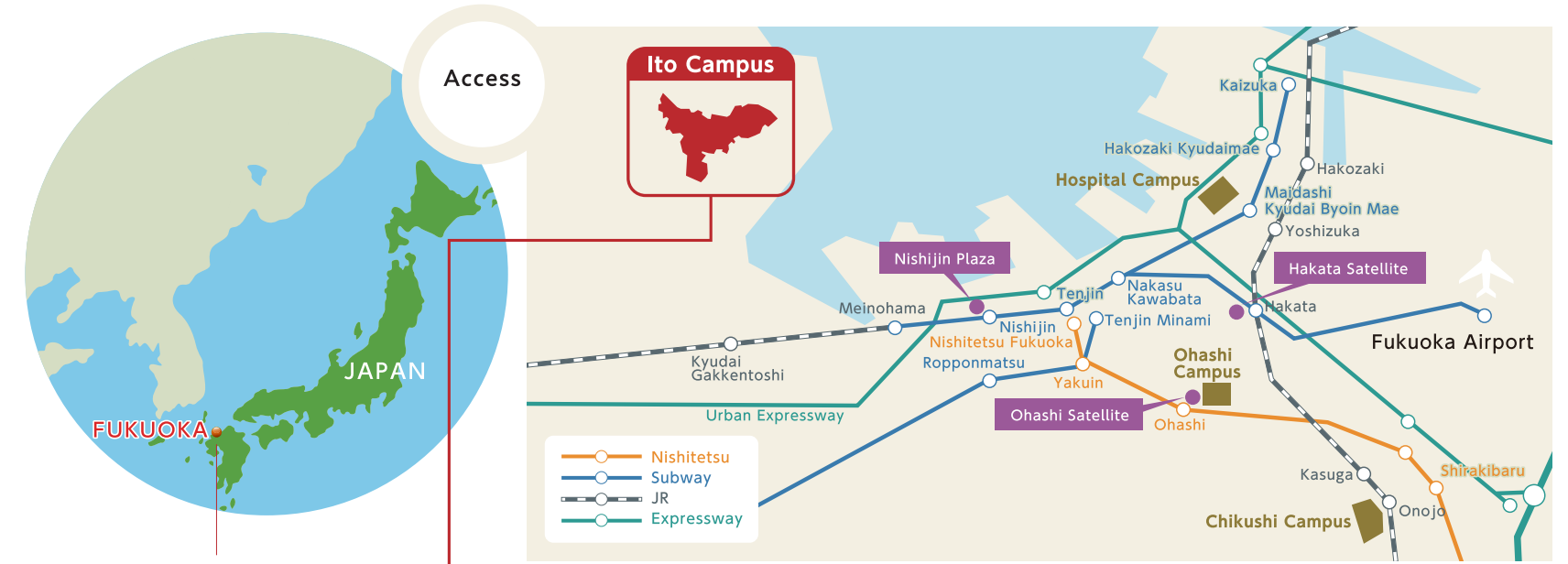
Scroll saw



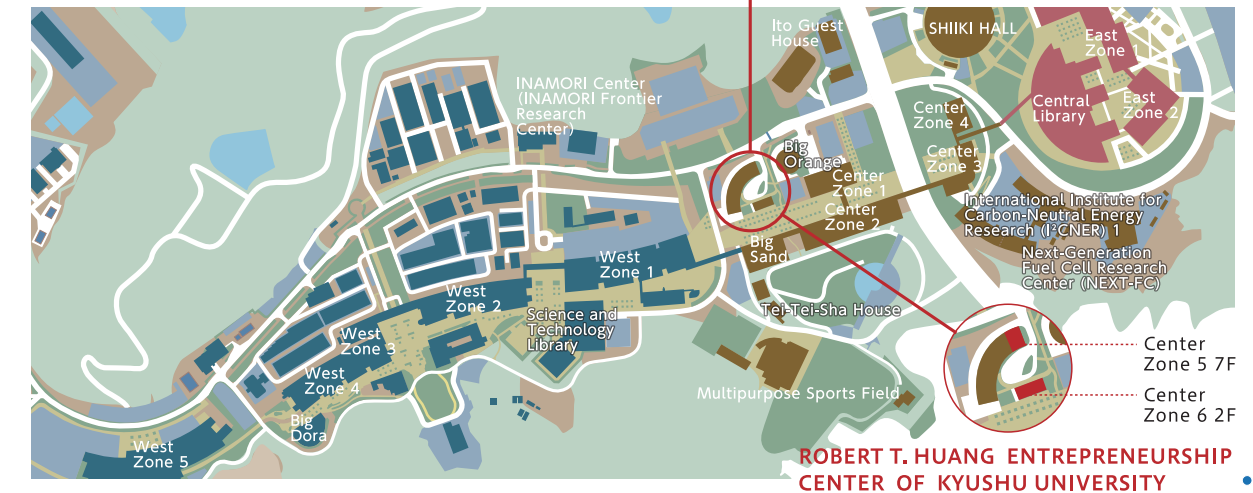


## HISTORY

- 1996 • Establishment of the Venture Business Laboratory (VBL)
- 1997 • Commencement of Challenge & Creation (C&C)
- 2006 • Commencement of Kyushu University Robert T. Huang Entrepreneurship Program (QREP)
- 2010/12 • Establishment of the Robert T. Huang Entrepreneurship Center of Kyushu University**
- 2011/4 • Commencement of formal lecture with 16 subjects initially: the lectures have expanded to 32 subjects as of the 2019 academic year.
- 2013/6 • QREC's educational initiatives are mentioned in the 2013 White Paper on Science and Technology
- 2013/9 • Holding of a 3-day International Workshop on Entrepreneurship Education (IWEE)
- 2014/8 • Conclusion of collaboration agreement with Aalto University
- Selected by MEXT for the EDGE Program (2014~2016)
- Commencement of Global Challenge & Creation (G.C&C)
- 2014/11 • 9th Japan New Business Creation Awards, Support category Winner, METI Minister's Award (the top award)
- 2015/9 • Conclusion of collaboration agreement with Dhaka University
- Relocated QREC office to Ito Campus
- 2016/5 • Setting up of the QREC Studio
- 2017/4 • Commencement of QREC Premium Members Accreditation
- 2017/7 • Selected by MEXT for the EDGE-NEXT Program for FY2017
- 2018/5 • Conclusion of collaboration agreement as entrepreneurship development support with New Energy and Industrial Technology Development Organization (NEDO)
- 2018/8 • Conclusion of collaboration agreement with Chalmers University of Technology
- 2019/3 • Relocated QREC office to Center 5 and 6 with expanding QREC facilities
- 2020/7 • Selected by Cabinet Office for the Creation of Startup Ecosystem Program
- 2020/12 • 10th Anniversary Establishment of the Robert T. Huang Entrepreneurship Center of Kyushu University**
- 2021/3 • Kyushu University's GAP-NEXT was selected as a university-led-type project (in the hub-city infrastructure development category) in JST's Program of Startup Incubation from Core Research (SCORE)
- 2021/4 • Establishment of the Kyusoukai, which aims to support the development of human resources for the future of Japan
- 2022/5 • Adopted by the Japan Science and Technology Agency (JST), a National Institute for Research and Development, for the 'Support for the Formation of University and Ecosystem-Promoting Start-up Ecosystems' Platform for All Regions of Kyushu & Okinawa for Startup-ecosystem (PARKS) established Kyushu University will serve as the lead organization for the project



KYUSHU UNIVERSITY



ROBERT T. HUANG ENTREPRENEURSHIP CENTER OF KYUSHU UNIVERSITY