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.



Dr. Robert T. Huang

Founder of SYNNEX Corporation Honorary Doctor of Kyushu University



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
- 2. QREC develops future leaders who will play active roles on the global stage.
- 3. QREC serves as a hub for the nurturing of entrepreneurship in our region.

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

> education intended for both undergraduate and graduate

A combination of entrepreneurship education and MOT

Practical approach to industry (Implementation of interactive, practical & hands-on trainings)

Responding to today's needs QREC responds to today's diverse new trends, such as businesses in emerging markets and social (Businesses in emerging markets and social entrepreneurship, etc.)

Interdisciplinary education programs, Students from diverse backgrounds (Planning and implementa-tion of education through

> Global perspectives (Collaborating with leading international universities and institutions, and teaching students to acquire global

internal divisions of the

1996 • Establishment of the Venture Business Laboratory (VBL) *Predecessor of QREC 1997 • Commencement of Challenge & Creation (C&C)

2006 O • 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 O Holding of a 3-day International Workshop on Entrepreneurship Education (IWEE)

2014/8 O • Conclusion of collaboration agreement with Aalto University • Selected by MEXT for the EDGE Program (2014~2016)

• Commencement of Global Challenge & Creation (G.C&C) ● 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

2016/1 Setting up of the QREC Studio

2017/4 O • 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 (NED)

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



2016 • Started in 2016

· JAPAN FUDO INDUSTRY Inc. ·ITOSHIMA GIBIER LABORATORY Inc.



Started in 2018 ·Medmain Inc. The first venture business launched from the Kyushu University Startup Club





QREC Core Faculty Members

Masaki Kumano

Entrepreneurship, Startup Support



Megumi Takata University-Industry Collaboration, Management of Technology (MOT), Entrepreneurship







Yuichi Harada Nanoscience and nanotechnology international collaboration between academia and industry, management of technology



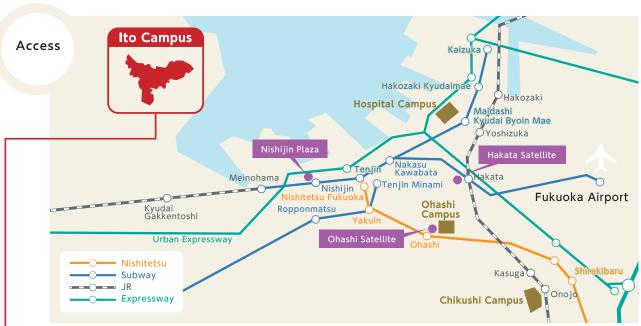


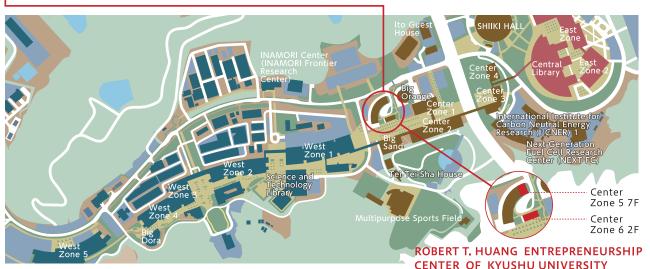


Hiromi Yamada



Rika Terano







Robert T. Huang Entrepreneurship Center of Kyushu University

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ROBERT T. HUANG ENTREPRENEURSHIP CENTER OF KYUSHU UNIVERSITY



QREC Curriculum System Credit

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

Basic system subjects Integrated system subjects Marketing/Strategy - Entry Level Education designed to make students realize the important of understanding Students learn how to understand market eration and business strategies. social "issues" and "taking action" t Finance Students learn methods for make their own dreams come true. procuring funds. Idea Generation Organization Students receive training in "idea generation" methods for resolving issues. Students learn how to build organization, team for carrying out projects Integration Design Thinking "Design Thinking" has students work in teams to identify issues from the perspectives of people's needs, technology, and Knowledge/Tool

own dreams and to notice for resolving issues. pressure of changing the world with their own ideas.

Marketing/Strategy

Education designed to make Education designed to provide Education students endeavor to students to realize their knowledge for achieving ideas actually put what they have

learned into practice based on their knowledge and understanding of methodology.



Student

Initiative

Program

Our programs can be broadly divided into the following two: 32 official subjects (credit) and Student Initiative Program (non credit)

QREC provides

practice stage

for students'

ideas.

Speciality

Programs

Student Initiative Program In total, there are seven programs offered as S.I.P

Global Challenge and Creation (G.C&C)

Opportunities are provided for students to apply to take part in all sorts of overseas business plans and technology competitions and hackathons, in order to give them experiences in real worldwide creation value, nurture their global outlook, and foster in them a sense of innovation and entrepreneurship.

2 Jump Out Challenge (J.O.C)

The participation of Kyushu University students in off-campus domestic business contests and project contests is encouraged. The students are able to ascertain their own standing through the experience of interaction and matches outside the university, and this helps them to acquire the ability to look at things from a broad perspective and execute their projects.

3 Challenge and Creation(C&C)

Funds not exceeding 500,000 yen will be provided from the President's discretionary budget for projects selected from ideas that are organized and planned by students and student groups. The students work through the year to realize the goal of their projects.

- Startup Simulation program at the Kyushu University (QSHOP)
- Entrepreneurship Carrer Design
- 4 Idea Battle

Through research into latent needs and competitive research and the provision of advice by mentors, the ideas being cradled by the students can be brushed up and made into more realistic plans in this project that was newly set up in 2014. Each project is provided with funding of up to 100,000 yen.

5 Academic Challenge (AC)

AC is a research promotion program aimed at graduate students enrolled at Kyushu University. The aim of the program is for students to gain valuable research management experience through this sequence of hands-on exercises.

(C&C)Idea Battle Academic Challenge

(J.O.C)

EDGE-NEXT Programs

Technology Marketing Game

The course uses "Markstrat", a strategic marketing simulation game developed by INSEAD; one of the most dominant MBA programs in France.



Global PBL Program

This is a Project-Based Learning (PBL) course in collabora tion with Aalto University in Finland. Lectures on the same themes are conducted simultaneously at Kyushu University and Aalto University, and students use design think methods to formulate concrete solutions to social



Entrepreneurship Bootcamp This program provides an advanced version of learning experience vis-à-vis other overseas programs by giving students hard-fun, hard-core

entrepreneurship training in the U.S. or Europe.



EDGE

Digital Fabrication Tutorial

In this course, students use 3D printers, laser machines, and other digital machine tools to learn about "monozukuri" (skilled manufacturing) practices in a workshop format.



SDGs

Entrepreneurship Classes in this course are based on

on-site fieldwork using design thinking methods with the aim of creating services and projects for resolving issues faced by developing countries (BOP countries)



Lean Startup

Students in this course work in team on a project to propose business ideas to solve important social issues in a business-sustainable way. Classes include learning sessions based on design thinking, field studies, and workshops with speakers from





Some projects which selected in challenge

and creation are starting ups by themselves.

In 2018 Hult Prize Kurala

Selected by MEXT for the **EDGE-NEXT Program**



Consortium Mashup Program

IDEATION SKILLS

MPLEMENTATION

EDGE-NEXT



EDGE-NEXT Programs

Kyushu University Startup Club The Kyushu University Startup Club

will be established in June 2017 for students who are serious about wanting to start up an enterprise. Start and run business with the aid of metering







Multicultural Venture Life Challenge

For this Project-Based Learning (PBL) programs, students from not only the leading and partner universities, but also cooperator in Japan and overseas and related universities join together to form mixed/multinational teams and undertake problem-solving related to actual management at ventures. Destinations Internships: IT, Consulting firm, Public Policy



IDEA Asia Pacific Summer Camp

Teams of mixed domestic and overseas university students work on a theme, learning how to solve problems and making presentations of their recom mendations.



Performance to startup of students

lub arrives



Project theme: Project to Develop Software for the Pathological Image Diagnosis Through Deep Learning



C&C 2018 President's Award Project theme:

startups.

Storage of Life-Saving Drugs in Remote Areas Without Electricity



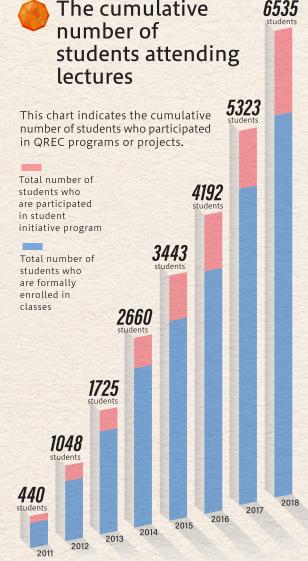
Started in 2016

ITOSHIMA GIRIER LABORATORY

Businessization of research

Academic Challenge (AC)leads to the first step toward business. In order to promote promising research to fuel future innovation, students are afforded the opportunity to display pursuit of academic research. Entrepreneurship for research





2018 Breakdown

