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2011-12



ANNUAL REPORT



ROBERT T. HUANG
ENTREPRENEURSHIP CENTER
OF KYUSHU UNIVERSITY

English

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In order for Kyushu University to produce future global leaders who challenge themselves to make their dreams into reality, develop an educational model for entrepreneurship in Japan.

In addition to advancing traditional for-profit types of venture firms, the Robert T. Huang Entrepreneurship Center of Kyushu University (QREC) also aims to promote entrepreneurship in a diverse range of formats including initiatives aimed at resolving social issues and the establishment of new businesses at existing companies as well as creating new values at academic and public institutions. It means that the Center is to help students realize their own dreams even as it turns out a substantial number of business leaders who are ready to make their respective marks in the business world and society at large. These efforts also go hand-in-hand with initiatives aimed at creating innovative and resourceful professionals, a topic of much importance in Japan.

The Center was established in December of 2010 and with its sights set on the goals described above, full-fledged activities were started up in April 2011. In 2011 the Center began offering a 16-course entrepreneurship related lecture series. The first year ended successfully as an advanced, systematic, educational curriculum based on current needs was provided while at the same time various new experiments were initiated. These included the progressive application of educational technology on the lesson management front and lectures in a workshop format. Lectures by a diverse range of guest business professionals were also offered.

The Center's activities are not limited to lectures; it is also ambitiously carrying out numerous related projects such as a creative new student idea competition (Challenge & Creation) and seminars and similar efforts aimed at local residents. I believe that in its first year of existence, the Center has been highly successful in offering a stimulating experience for students and local residences alike.

The Center not only provides an education in entrepreneurship; as an organization it is also a place for reformers and challengers (i.e., entrepreneurs) who are ready to meet head-on the challenges of developing and introducing new educational methodology. This annual report contains a summary of the results of the Center's activities for 2011, its first year of existence. It is my sincere desire that this report allows the reader to more fully understand the Center's activities; I also hope that you will share your opinions and suggestions with us. An education in entrepreneurship leads to the cultivation of those professionals who will open up and create the future. Thank you for your continued support and cooperation as we carry on with our efforts to create a more plentiful and bright future.



Director General, Robert T. Huang Entrepreneurship Center of Kyushu University (QREC)

Professor & Deputy Director General, Arts, Science and Technology Center for Cooperative Research, Kyushu University (KASTEC)

Toru Tanigawa



※QREC:Robert T. Huang Entrepreneurship Center

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An Overview of QREC

Mission

QREC provides students at Kyushu University with a leading entrepreneurship education that will produce **future 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 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

The Talents We Foster

- ☐ The ability to discover and/or create an opportunity by one's self, to set one's goals and to find the path to achieve them
- ☐ The willingness to challenge one's self to create new values
- ☐ A sense of independence
- ☐ The knowledge and ability to observe society and the world from a broader point of view ("T-shaped people", "Global talent")
- ☐ The motivation to utilize knowledge in society, as well as the ability to create practical value ("MOT people")

Activities

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.

QREC focuses on the following six activities

- Providing all students in Kyushu University with advanced and systematic education concerning entrepreneurship
- Conducting research on entrepreneurship and effective methods of entrepreneurship education
- Carrying out social and regional entrepreneurship activities in collaboration with the community
- Disseminating information on entrepreneurship, and carrying out exchange activities with domestic and overseas institutes to promote closer collaboration
- Assisting with R & D activities concerning venture businesses
- Operating and managing business incubation facilities

Developing future leaders who will play active roles in the global arena

Through these efforts, QREC aims to achieve our objectives, which include leadership development at Kyushu University, further internationalization and effective branding of Kyushu University, and the enhancement of social cohesion by promoting industry-academia collaboration.

A Look at the Types of Entrepreneurs That QREC Develops

- Venture capitalists
- Social entrepreneurs
- Individuals responsible for implementing new projects at major companies
- New policy planners and practitioners at public institutions
- Innovative university researchers

Goal

QREC aims to be an internationally competitive and unique organization that trains students to respond to present-day challenges such as business in emerging countries and social business. QREC strives to be one of the top full-fledged entrepreneurship education and research centers not only in Kyushu and Japan, but also in Asia.

Global

QREC is building its network with universities and industries in the United States, Asia, and other parts of the world. In doing so, QREC aims to design a curriculum that meets international standards, while actively promoting international exchange activities for students and faculty members. Additionally, QREC encourages foreign students to take an active part in QREC programs. Their participation brings diversity to the learning environment at QREC.

Practical

The courses QREC offers to students are not limited to classroom lectures. The curricula of QREC include case study analyses, lectures by invited active entrepreneurs, Project Based Learning, and interactive discussions. In this way, QREC provides students with a practical, dynamic, and interdisciplinary education. Moreover, in cooperation with industry, QREC holds lectures jointly with its partner companies, and promotes internship programs.

Design

In order to produce new social value, we need to find and identify the problems, and then "design" how we solve them. Enhancing a person's ability to design and generate an idea will help that person fulfill a personal dream, and QREC aims at developing each student's ability to design.

Strength

Systematic entrepreneurship education intended for both undergraduate and graduate students

QREC is Japan's first institute to offer systematic and integrated entrepreneurship education programs for students from both undergraduate and graduate school.

A combination of entrepreneurship education and MOT education

QREC gives a broader definition to "entrepreneurship education," and offers comprehensive education programs with the aim of producing future leaders.

Global perspectives

In collaboration with MIT and other leading international universities, 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, and promotes collaboration with the International School of Arts and Sciences of Kyushu University (a new department in the planning stage), so that it can teach students to acquire global perspectives.

Interdisciplinary education programs, Students from diverse backgrounds

QREC sets up and runs education programs jointly with other departments and schools of Kyushu University, including the Graduate School of Engineering, Graduate School of Information Science and Electrical Engineering, Graduate School of Bioenvironmental Science, Graduate School of Design, and the 21st Century Program. QREC promotes interdisciplinary projects, and encourages students who come from diverse backgrounds to learn and work together.

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.

Responding to today's needs

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

An Overview of Activities

2011 Schedule

	■ Educational Initiatives	■ Research Initiatives	■ Social Cooperation Initiatives	■ Organizational/Administrative Initiatives
April	<ul style="list-style-type: none"> Commencement of remote learning Establishment of the QREC website Commencement of the QREC Facebook site Creation and distribution of course procedures QREC Steering Committee convened (4/19) 		<ul style="list-style-type: none"> Lectures Challenge & Creation (C&C) Academic Challenges(AC) 	<ul style="list-style-type: none"> Associate Professor Shu dispatched overseas for extended trip (3/5-9/22 2011)
May			<ul style="list-style-type: none"> Examination board 	<ul style="list-style-type: none"> Dispatched to Babson College Entrepreneurial Educator Training
June	<ul style="list-style-type: none"> Student communication space "Silicon Valley Room" opened QREC Steering Committee convened (4/19) 		<ul style="list-style-type: none"> Examination committee 	
July	<ul style="list-style-type: none"> Cooperative tie-up with Egg Japan (Mitsubishi Estate Co., Ltd.) Introduction of Intranet (Cybozu) Outside Advisors' Conference convened (7/7) 		<ul style="list-style-type: none"> QSHOP(Startup simulation program at the Kyushu University) 	
August				
September	<ul style="list-style-type: none"> Introduction of the Kyushu University web study system (7/7) 			<ul style="list-style-type: none"> Associate Professor Igarashi dispatched overseas for extended trip (9/13-11/18 2011)
October	<ul style="list-style-type: none"> Cooperative tie-up with QITO* started Introduction of OCW (Open Courseware) 	<ul style="list-style-type: none"> Mid-term presentation Mid-term presentation 		
November			<ul style="list-style-type: none"> Kyudaisai Festival 	
December	<ul style="list-style-type: none"> Cooperative tie-up with Sunbridge Corp. 			
January	<ul style="list-style-type: none"> Social Innovation Seminar (1/25) 			
February	<ul style="list-style-type: none"> Tokyo University i.school / QREC Cooperative Social Entrepreneurship Program / Workshop (2/25) QREC Steering Committee (2/14) 			<ul style="list-style-type: none"> Professor Tanigawa, Associate Professor Takata and PM Yamada participate in REE Asia 2012 (2/1-3) Professor Tanigawa, and PM Yamada participate in the National VBL Convention (12/9-10)
March	<ul style="list-style-type: none"> Asia Roundtable (3/21) Introduction of a video conference system (Remote lecture participation system) 	<ul style="list-style-type: none"> Final presentation Final presentation 		<ul style="list-style-type: none"> Professor Tanigawa participates in US Nationwide Entrepreneur Educator Symposium (3/22 - 24) Professor Tanigawa, and Associate Professor Igarashi participate in inspection and research tour of Europe (3/26 - 4/6)

*QITO: Kyushu University Information Communication Technology Architect Educational Program

Education

The educational programs that QREC offers are not limited to private enterprise-related efforts, but instead seek to foster entrepreneurship amongst Kyushu University students in a broader sense. 2011 saw a program of sixteen formal lectures initiated while the C & C (Challenge & Creation) and AC (Academic Challenge) competitions and many other education-related events – such as QSHOP, Tokyo University i.school / QREC Cooperative Social Entrepreneurship Program / Workshop – were held.



Research

With the idea of raising the faculty's educational awareness and improving their teaching methods, as a part of its professional development efforts faculty members were dispatched to universities and other overseas destinations to undergo training. In 2011 two staff participated in such an extended training program. QREC also participated in entrepreneurship-related conferences and events both overseas as well as in Japan, and QREC is also striving to expand its stock of educational and research-related resources.



Outreach

Students at Kyushu University hold events every year that are open to the general public. In 2011, such events included a brown-bag lunch seminar presented courtesy of the Stanford University Center for Social Innovation and an Asian roundtable on the Great East Japan Earthquake.



Organizational / Administrative

2011 saw QREC upgrade its infrastructure to accompany the commencement of the new educational program and also search out opportunities to work with other departments and institutions at Kyushu University as well as with overseas universities. Currently activities are being undertaken with other schools and in 2012 inter-university cooperation is to be strengthened. Moreover, continuing from the previous year, QREC is managing and operating an incubation facility, with a university laboratory (three rooms) and venture firms (two rooms) having already set up their offices.



An Overview of Activities

Education

Lectures (University-Wide Education & Joint Education with the Graduate Schools)

QREC Lectures (Sixteen subjects – five in the first semester, eleven in the second semester; five are continuing, eleven are new)

Education-Related Events

Offering project and research assistance aimed at Kyushu University students, the C & C (Challenge & Creation) and AC (Academic Challenge) events are held each year. In 2011, a new event, QSHOP, joined the lineup.

Education Enters the Digital Age

[Remote Learning Implemented] (Six subjects offered in 2011)

In a bid to increase user-friendliness and expand the opportunity to take classes, Kyushu University utilizes a campus-wide study support system with six courses provided simultaneously at all four of the university's campuses.

[Introduction of the Kyushu University Web Study System] (All Subjects)

Kyushu University promptly introduced its 2012 Web study system during the second semester of 2012. Course syllabuses, lecture materials, report submissions, attendance and questionnaires are owned jointly by faculty, staff and the students, making two-way communications a reality.

[OCW Introduction] (General Subjects: 20 – 30%)

"OCW" is an abbreviation of "open courseware." The aim of OCW is make educated-related materials available to the public, deepen the understanding of activities carried out at the university and put these activities to broad, practical use in making positive contributions to society. Furthermore, in an effort to improve the quality of education, there are plans to make lectures accessible online as opportunities allow.

New Educational Techniques

[Workshop Format]

QREC lectures do not fit the standard format of one-way communications, where students passively listen to the professor in a classroom. In the QREC classroom the idea is to provide students with a time and a venue to discuss matters together and think about ways to resolve issues presented to them. In this way, these lectures allow for participation through group work, allowing students to better grasp the content of the lecture.

[Lectures by Businesspersons]

With its aim at providing an education in entrepreneurship in the broadest sense of the word, in an effort to cultivate the entrepreneurial spirit necessary to tackle new challenges, at QREC individuals active in the business world are invited to give lectures at QREC. These individuals mainly provide lectures in Entrepreneurship Seminar I · II and Management of Research and Technology.

[Case Studies]

So that students at QREC can look at real information and study realistic models, case studies are used extensively in classes such as Entrepreneurial Management I · II and Finance for Entrepreneurship.

[PBL (Project-Based Learning)]

In order that students not only add to their knowledge base but also learn how to practically apply what they learn as a part of their professional duties, as a part of the practical-oriented coursework at QREC project-based learning techniques are used in a hands-on approach with small groups of students.

Research

Dispatching Faculty Overseas for Training [Extended Trips Overseas to Participate in Entrepreneurial Education Training]

Associate Professor Shu
3/5 – 9/22 2011 U.S.: Stanford University

Associate Professor Ei Shu visited Stanford University's Engineering School as a visiting professor to monitor the Entrepreneurship Education Program of STVP (Stanford Technology Venture Program) and carry out a research study concerning entrepreneurship in the high technology

Associate Professor Igarashi
9/3 – 11/18 2011 Sweden: Chalmers University of Technology (CSE)

Highly thought of in the U.S. and Europe, CSE is a doctoral course highly thought of in the U.S. and Europe that aims to cultivate entrepreneurs while at the same time creating technology startups. Working jointly with CSE faculty, Professor Igarashi developed an overview of the education program as well as educational techniques and mechanisms for innovation. He also participated in lectures and programs alongside students. Professor Igarashi visited students taking classes as well as individuals who had completed their studies and gone on to start up their own businesses, making a survey of reasons for these persons participation in the program. He also had them given him their assessment of the education offered and the contribution the program made to their business careers.

[Short-Term Overseas Training Programs]

Associate Professor Takata

U.S.: Babson College Entrepreneurial Educator Training (Price – Babson SEE)
MIT Sloan School of Management - Five Days

Professor Tanigawa

U.S.: Nationwide Entrepreneur Educator Symposium (NCIIA) - Three Days

Professor Tanigawa and Associate Professor Igarashi
Europe: Inspection and research tour
KTH Royal Institute of Technology and Karolinska Institutet (Stockholm), Chalmers University of Technology and University of Gothenburg (Gothenburg), Lund University (in the Malmo area), Uppsala University (Uppsala), Dublin Institute of Technology and University of Limerick (Ireland), Imperial College and Royal College of Art (London, U.K.), Aalborg University (Denmark), University of Oslo (Norway)
Twelve Days

Professor Tanigawa, Associate Professor Takata and PM Yamada

Thailand: REE Asia (Entrepreneurial Educators in Asia Roundtable Conference)
Three Days 2012

Organizational / Administrative

Organizational Strategies

[Cooperative Efforts with Japanese/Overseas Organizations]

Through internship programs and the like, QREC is expanding its education and research infrastructure, engaging in resource maintenance, advancing information dissemination, and ensuring networking opportunities and venues, even as it proactively advances cooperation with Japanese and overseas organizations.

- ◆Cooperative tie-up with Egg Japan (Mitsubishi Estate Co., Ltd.)
- ◆Cooperative tie-up with Sunbridge Corp. (U.S.)

[Cooperative Efforts with Kyushu University Departments]

Working with Kyushu University departments, QREC has carried out management education, leadership education outsourcing, cooperative efforts aimed at curriculum development/administration, and similar efforts. QREC also enjoys a cooperative relationship with QITO (Kyushu University Information Communication Technology Architect Educational Program).

Organizational / Administrative

[Public Relations]

QREC offers a full menu of information transmission and public relations assistance as well as a variety of services for students and other users.

- ◆Establishment of the QREC website and commencement of Facebook operations
- ◆Creation/distribution of QREC pamphlets (in English and Japanese)
- ◆Creation/distribution of course guide (PR for QREC educational programs)

[Organizational Efficiency]

- ◆Introduction of intranet services (Cybozu®)

[Upgrading the Educational Environment]

- ◆Establishment of a student communication space (The Silicon Valley Room)
- ◆Introduction of a videoconference system (i.e., a remote lecture system)(Sozo Pavilion, Silicon Valley Room)

* Facebook is a social networking service provided by Facebook, Inc.
* Cybozu is a registered trademark of Cybozu, Inc.

[Administration and Management of Incubation Facilities]

Environmental upgrades to university laboratories and venture capital firms created at the university

Outreach

Symposium Seminar

(For more information refer to page 25)

[Brown Bag Lunch Seminar]

Social Innovation to Change the World:
—Can American Social Innovation Save Japan?—

Social innovation initiatives, which involve realizing social value as opposed to pursuing profits, have come to play a conspicuous role throughout the world. QREC invited Ms. Kriss Deiglmeier of the Stanford University Center for Social Innovation, which stands at the forefront of the social business field, to share her thoughts regarding the state of affairs surrounding social innovation in the U.S.

[2011 Asia Roundtable]

No Looking Back: Creating a Region with
Vitality for the Future

—East Japan Trial Studies Aimed at Creating a New Region
from the Ashes of the Great East Japan Earthquake—

Under the heading of "No Looking Back: Creating a Region with Vitality for the Future (East Japan Trial Studies Aimed at Creating a New Region from the Ashes of the Great East Japan Earthquake)", guest speakers consisting of Tohoku University students, professors and general incorporated associations – who are all active in relief efforts on the ground at the site of the disaster – were invited to participate in a keynote speech and presentation. The idea was to implement a regional model that would surpass what existed prior to the earthquake and tsunami of March 11, 2011 that leveled the northeastern part of the country.

Lecture Selections

Idea Lab I・II

Instructor Shingo Igarashi (QREC)

A part of the QREC Education Program, the Idea Lab is a course of study that focuses on idea generation and awareness as well as motivation related to entrepreneurship. The Lab is not only for those looking to begin their own businesses; it also involves research into new academic areas and innovation. As such, creative abilities that go beyond the conventional are critical for success here. Bearing this in mind, the goal of lectures is to heighten students' creative and expressive abilities. The goal at the idea creation stage is not to determine whether an idea is correct or not; rather at this stage the student must select the idea or resolution he or she feels is optimal. Moreover, the question of which idea is best is different depending on the timing, time frame and situation. Therefore, it is essential that this involve a process whereby first brainstorming occurs resulting in several ideas coming out, after which the best of these are selected and one is finally settled on. Another critical element of success in the Idea Lab is creating an environment where students can intellectually stimulate each other in either a group or team framework. Students study the idea creation process and the mutual relationships that this process encourages through various group work projects.

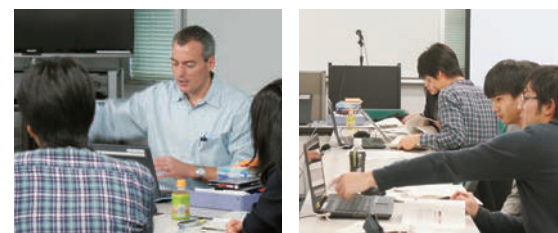


Technology Marketing II

Instructor Shingo Igarashi (QREC)

Technology Marketing II, students cover various subjects, such as new product development and marketing, which forms the foundation of new product development as well as capital procurement and strategies that lead to solid growth. In order that students assimilate the various knowledge that they learned in each of the courses and improve their practical skills, 3 Rock KK founder and president Jeffrey B. Schnack has been invited on board as a guest instructor. This coursework also utilizes MARKSTRAT, a simulation game that mimics real market environments, allowing students a hands-on study experience. Carefully scrutinizing the wealth of data (industry overviews, competitor actions, market estimates, market survey data, survey data) that MARKSTRAT provides, students carry out highly detailed analysis. Based on this, students grasp market needs, and study the implementation of appropriate decision-making. MARKSTRAT not only provides a meaningful decision-making simulation experience for the management ranks, through the study of market movements, it also allows engineers and other technical professionals to overcome the pre-conceived notion that "if the product is good, it will sell," thus providing the valuable opportunity to reflect on just how critical product development based on market trend estimates is.

* MARKSTRAT is a registered trademark of STRATX International.



Competitive Advantage Management

Instructor Megumi Takata (Faculty of Economics)

In this course students look at what companies need to do to consistently produce top-notch results. Especially significant is the attention given to core faculties and resources, which cannot be imitated and serve as the source of a company's competitive position from a management of technology (MOT) point of view. Students in this course look at techniques for formulating and practically utilizing these core faculties and resources. In more concrete terms, various themes including the adoption of core technology, intellectual property, and external resources (alliances and cooperation between industry, academia and government), as well as nimbleness and first-mover advantage, technological brand, competitive advantage as seen by the financial community and so on are taken up in this class. Managers from top-ranking enterprises are invited to share their thoughts in the lessons as discussions regarding the source of these companies' competitive advantage take place. It is therefore critical for students to preview and otherwise prepare before attending lectures, which allows them to look at the issues presented from a variety of perspectives and gain a deeper understanding.



Management of Research and Technology

Instructor Toru Tanigawa (QREC)

A specialized education at the university level alone is not enough out in the real world. With special knowledge as well as the ability to understand big changes of global economy and society including those in one's specialty field – and social needs and issues, one is well equipped to start out on his or her chosen career. The so-called T-shaped person is ideally equipped to become a competitive professional and leader.

This course features guest lecturers with significant experience and knowledge in the business world and they lecture accordingly a variety of angles, including challenges and changes surrounding research and technology, utilization of science and technology with society, the changing needs of scientific professionals in society. Every session also features student discussions based on well-defined themes, with the goal of allowing students to deepen their understanding of the subject matter.

As a result, as students come to grasp the significance, goals, social positioning, changes of environment and the meaning of their research and studies, they can expect that these efforts will be tied to future re-examination of research methods and techniques and trends for implementing technology. What's more, the course offers the opportunity to carefully consider what form future career changes will take. In addition to scientific professionals, this course is useful for professionals engaged in businesses that deal with science and technology, as well as service providers.



QREC Students Share Their Opinions

Everything Begins with Your Thought Process and Actions

Miki Yonekura, 21st Century Program Course

■ Courses ◆ Introduction to Entrepreneurship ◆ Idea Lab I

"Just try, before you think." The QREC program has given me the opportunity to study the importance of keeping an open mind and trying new things. Attending QREC lectures, I've studied the importance of considering things from a variety of angles and positively grasping things as well as the joy of discovering opportunities. Also, through participation in the Entrepreneurship Seminar Planning Committee and Entrepreneurship Program, I was able to practically apply what I had learned in the classroom to real-world situations. The experience of seeing that everything depends on your thoughts and actions has led to an increase in the choices available to me and made me more flexible. This global form of study has opened up my eyes and provided much in the way of food for thought.

Discussions with Other Departments and Professionals Has Helped Give Me a Broader Perspective

Taku Horita, Department of Biology, School of Science

■ Courses ◆ Management of Research and Technology

I just happened to be looking at a bulletin board and noticed that the Management of Research and Technology class was being offered. I was thinking that I'd like to work in research in the future and, looking at the name of the course, I wondered what relationship there was between research and management, feeling that whether I sought employment in academia or the private sector, this coursework would be critical. I had already gotten all of the credits I needed in my field, so I decided to take the class during the break I had before I had to start up my lab work.

When I first started taking the course, I had no interest whatsoever in economics or the like; I simply wanted to become a researcher and felt that it might be advantageous to study this subject. However, gradually as I studied how economics and other subjects influenced research pursuits, I began to become interested in many areas that I previously had no interest in or exposure to as my perspective broadened significantly. Furthermore, through discussions with members of other university departments, professionals and others that I normally wouldn't have the chance to interact with, I gained the ability to look at problems from a variety of perspectives. Lastly, this class gave me feedback on how my opinions might be received by others, which turned out to be a really valuable experience.



Listening to Classroom Discussions Helped Me Think about My Future and Discover New Points of View

Saki Umemura, School of Agriculture

■ Courses ◆ Management of Research and Technology ◆ Idea Lab II
◆ Finding Entrepreneurial Opportunities

I took the Management of Research and Technology class because it looked like it would always be interesting. I was able to hear talks given by world-renowned guest lecturers that covered those areas besides research that come into play when research and technology are utilized by society. The summaries given by these speakers in the classroom regarding research in the current environment and what should be considered to save industry in Japan was very stimulating, allowing me to develop a new perspective on my future, my needs and my academic growth. While discussions are dominated by topics such as engineering, IT and related fields, there is a palpable desire to hear talks by professionals from other fields and the lessons themselves are very intellectually stimulating, so even students from other departments will find them very meaningful. Each lecture features valuable discussions so if this course interests you, I'd certainly encourage you to sign up.

In QREC Kyushu University Has a One-of-a-Kind Facility

Kentaro Morita, Department of Industrial Science, School of Design

■ Courses ◆ Introduction to Entrepreneurship ◆ Idea Lab I
◆ Entrepreneurial Management I
◆ Entrepreneurial Management II
◆ Finding Entrepreneurial Opportunities
◆ Idea Lab II

One of the attractive things about Kyushu University is that it is the only university to have a facility like QREC. From the student's freshmen year right up through graduate school, they can take classes offered by different departments and take creative lessons featuring case studies and speakers who play an active role in society. The fact that the lecture program proceeds at a reasonable pace is also quite advantageous and the knowledge and ideas picked up in the QREC lectures as well as the one-minute speech practice are very useful for other classes.

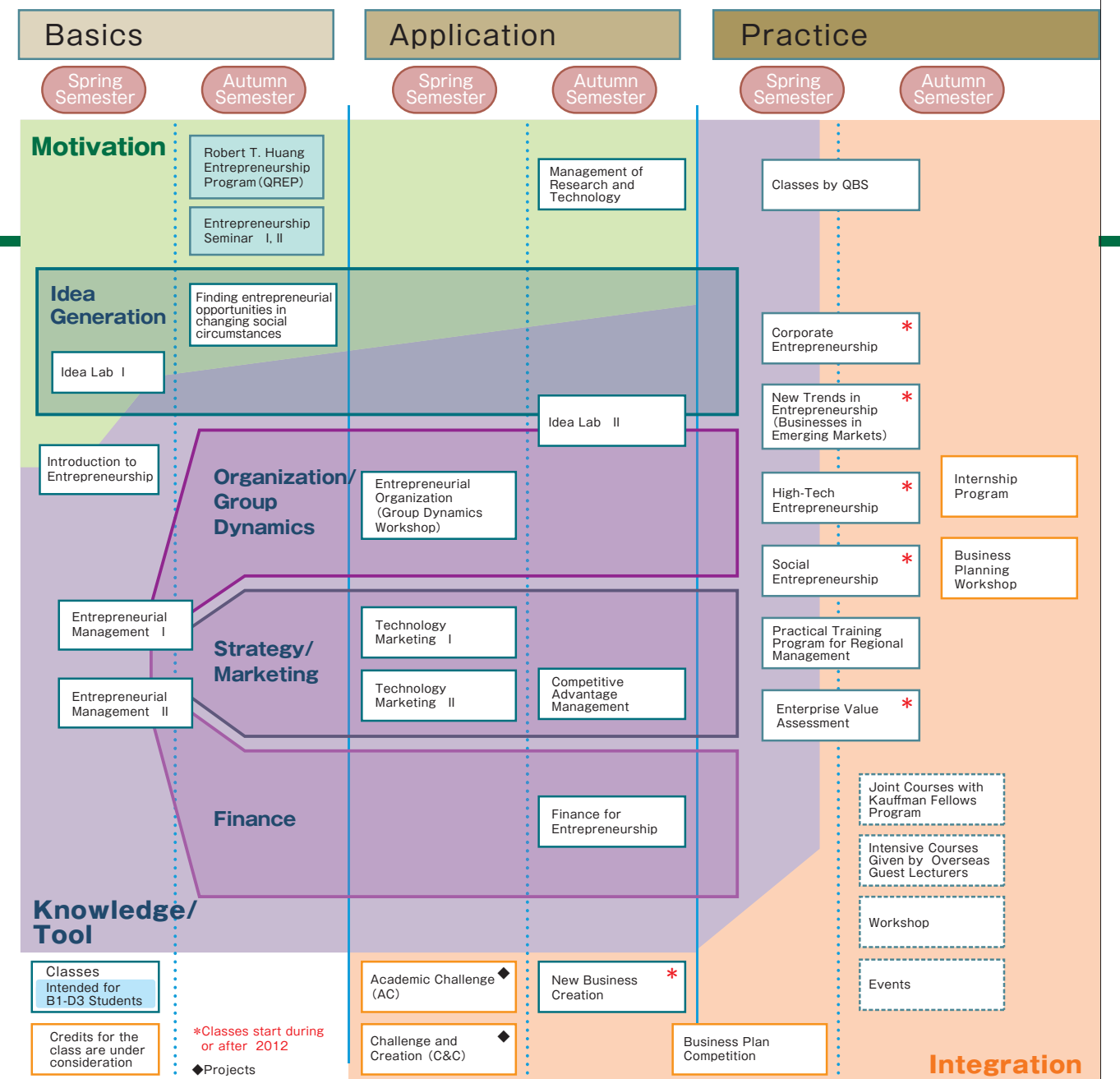


Curriculum Chart

Lecture Results



Tentative curriculum as of April 2011



Main target B1, B2

B3 ~ M2

D1~D3

Any student at Kyushu University is welcome to take any of the courses in this curriculum as their minor. As shown in the above chart, the QREC curriculum is designed so that students can learn entrepreneurial skills by taking a step-by-step approach, from "Basics" to "Practice." First of all, it is important for students to become aware of the problems surrounding each of them as well as their own interests respectively. The next steps are for them to solve their problems, to enhance their creativity to generate ideas ("Idea Generation"), to get to know the target market to formulate strategies ("Strategy/Marketing"), to raise funds ("Finance"), and then to recruit and get together with peers to utilize group dynamics to expand their activities as an organization ("Organization/Group Dynamics"). QREC offers various courses so that students can acquire the knowledge and skills ("Knowledge/Tools") necessary to achieve their goals, to integrate them ("Integration"), and then to put their ideas into practice.

List of Courses

Basics : 8 Courses

Course name Instructor name / contact info.	Main classroom Lecture times	Overview	Course
Introduction to Entrepreneurship Shingo Igarashi (QREC) Megumi Takata (Faculty of Economics)	Remote Lecture Ito Campus First semester (First half) Wednesdays periods 5 & 6 consecutive	Introduction to Entrepreneurship Comprehensive general study	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Entrepreneurial Management I Jinichiro Yamada (Osaka City University Graduate School)	Hakozaki Campus First Semester / Intensive course Every other week Saturday, periods 3, 4 and 5 consecutive	Students study basic management studies such as strategy, organizations, and management of technology (MOT) as they build up their applied case study skills.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Entrepreneurial Management II Ryusuke Furuta (Kumamoto Gakuen University)	Hakozaki Campus First Semester / Intensive course Every other week Saturday, periods 1 and 2 consecutive	Students discuss real issues, after which they consider optimal resolutions. (Mutually complementary with Entrepreneurial Management I).	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Idea Lab I Shingo Igarashi (QREC)	Remote Lecture Ito Campus First semester (Second half) Wednesdays periods 5 & 6 consecutive	This course is designed to expand students' expressive and creative abilities. After studying the expression of divergent techniques, students break into teams and look into how to improve upon these.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Robert T. Huang Entrepreneurship Program (QREP) Toru Tanigawa (QREC)	Pre-visit: Hakozaki Campus On-site: Silicon Valley Post-visit: Fukuoka City Second term - Intensive course Jan., Feb.: Pre-visit: March: On-site, post-visit	This course features direct discussions with U.S. Silicon Valley venture capitalists, NPOs, exchange students, visiting scholars, businesspersons and researchers. Students come to understand the essence of entrepreneurship and the individual paths used to get there.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Entrepreneurship Seminar I Shingo Igarashi (QREC) Ei Shu (Faculty of Economics)	Remote Lecture Ito Campus Second semester / Intensive course (First half) Fridays periods 5 & 6 consecutive	Lectures consist of interactions with guest lecturers who are active on the front lines of society. Career design support is provided to students beginning when they are underclassmen.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Entrepreneurship Seminar II Shingo Igarashi (QREC)	Hakozaki Campus Second semester / Intensive course (Second half) Fridays periods 5 & 6 consecutive	Lectures consist of interactions with guest lecturers who are active on the front lines of society. Class is administered by the Student Planning Committee.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Finding entrepreneurial opportunities in changing social circumstances Toru Tanigawa (QREC)	Remote Lecture Hakozaki Campus Second semester / Intensive course (First half) Wednesdays periods 5 & 6 consecutive	Students become cognizant of various changes in the global environment on the social, economic and international fronts (agricultural issues, the spread of the Internet, declining birth rates, employment issues, emerging markets, etc.). Students use this opportunity to study social issues and needs and look for entrepreneurial opportunities.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course

Application: 7 Courses

Course name Instructor name / contact info.	Main classroom Lecture times	Overview	Course
Entrepreneurial Organizations Masaki Kuroki (Ritsumeikan University)	Hakozaki Campus Second semester / Intensive course Every other week Saturday, periods 3 and 4 consecutive	Looking at real examples, students study the breadth of management, hierarchy, horizontal division, and other basic organizational concepts as they learn just how to incrementally create an organization incrementally.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Technology Marketing I Ku Seunghwan (Kyoto Sangyo University)	Hakozaki Campus Second Semester / Intensive course - Every other week Saturday, periods 1 and 2 consecutive	Students learn marketing for technological startups. After studying MOT theory, students delve into actual analysis.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Technology Marketing II Shingo Igarashi (QREC)	Hakozaki Campus Second Semester / Intensive course No set time for lectures	Continuing from Technology Marketing I, management games are used to mimic the development of new products to illustrate the product development gap with the market.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Management of Research and Technology Toru Tanigawa (QREC)	Remote Lecture Hakozaki Campus Second semester / Intensive course (First half) Wednesdays periods 4 & 5 consecutive	With special guest lectures representing industry, government and academia, students study the basics of MOT. Students look at methodology as well as the position of research and technology in society and the role of researchers and technology professionals.	<ul style="list-style-type: none">— Integrated course○ Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Idea Lab II Shingo Igarashi (QREC)	Remote Lecture Ito Campus Second semester (Second half) Wednesdays periods 5 & 6 consecutive	Solution strategies with tangible themes (Getting rid of poverty, protecting the global environment, decreasing unused agricultural lands, dealing with unlawfully parked bicycles, etc.) are discussed in groups.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Finance for Entrepreneurship Hironori Higashide (Waseda University Business School)	Hakozaki Campus Second semester / Intensive course Saturdays periods 3, 4 & 5 consecutive	In this course students study methods for accessing business worth to better understand the pros and cons of investing vs. borrowing, and also learn methods for procuring funding.	<ul style="list-style-type: none">— Integrated course○ Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
Competitive Advantage Business Megumi Takata (Faculty of Economics)	Hakata Station Satellite Campus Second semester / Intensive course - Every other week Mondays periods 5 & 6 consecutive	Making free use of intellectual property rights and antecedal rights acquisition, students study how to preserve a competitive advantage in this course.	<ul style="list-style-type: none">— Integrated course○ Cultural Studies for Upperclassmen○ Joint course with graduate school○ QBS course

Practice: 1 Course

Practical Training Program for Regional Management Hirofumi Taniguchi (Art, Science and Technology Center for Cooperative Research)	Hakata Station Satellite Campus Second semester / Intensive course Saturdays 2:00 - 5:30	In this course students study how to create policies from an entrepreneurial point of view.	<ul style="list-style-type: none">○ Integrated course— Cultural Studies for Upperclassmen○ Joint course with graduate school— QBS course
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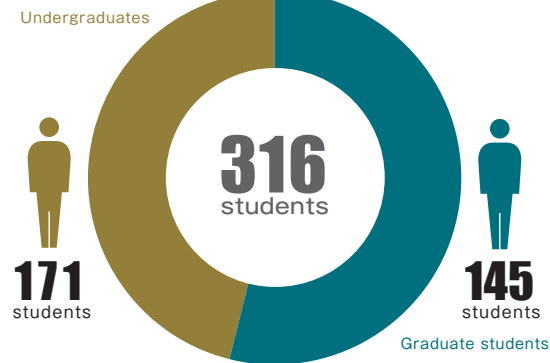
Course Data

Number of Students Attending Lectures

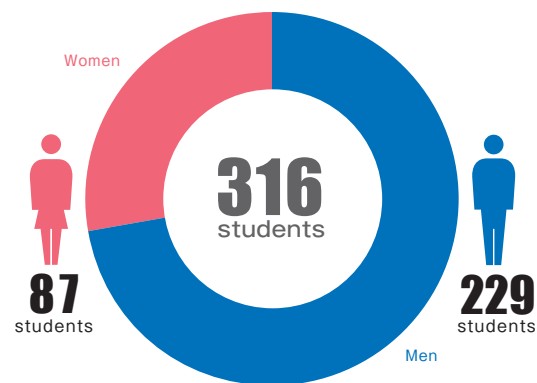
※"Students Attending Lectures" indicates students who are formally enrolled in classes (excludes students auditing the class and working adults).

316
students

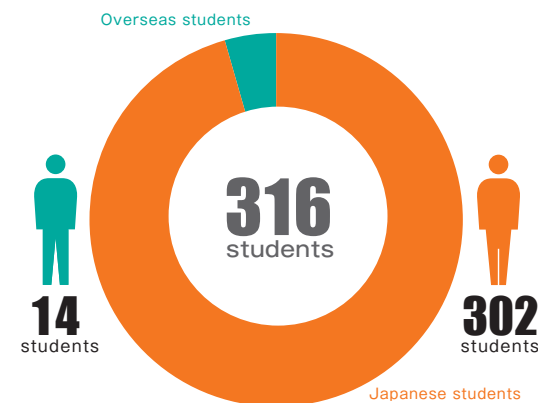
[A Look at the Number of Undergraduate and Graduate Students in the Program]



[Number of Students by Gender]



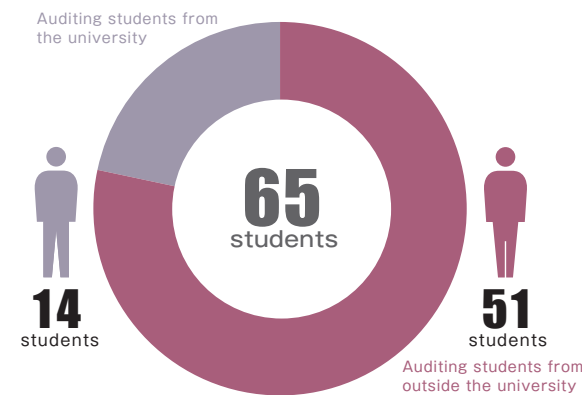
[Numbers of Overseas Students]



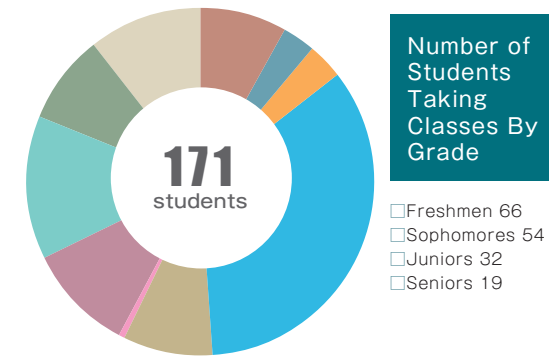
Number of Auditing Students

65
students

[Auditing Students]

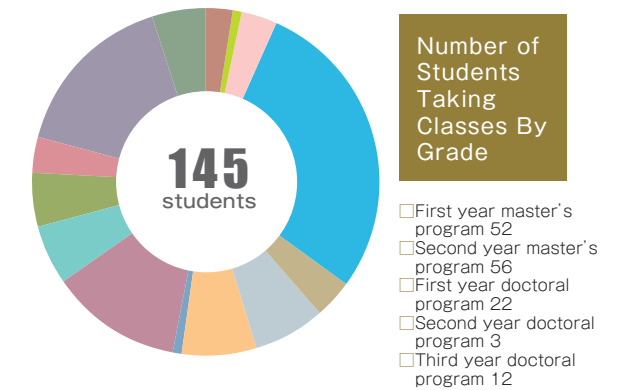


[Undergraduate Students]



School of Letters	14 students	School of Dentistry	1 students
School of Education	5 students	School of Engineering	17 students
School of Law	6 students	School of Design	23 students
School of Economics	59 students	School of Agriculture	14 students
School of Sciences	14 students	21st Century Program	18 students

[Graduate Students]



Graduate School of Humanities	4 students	Graduate School of Medical Sciences	1 students
Graduate School of Social and Cultural Studies	1 students	Graduate School of Engineering	18 students
Graduate School of Human - Environmental Studies	5 students	Graduate School of Design	8 students
Graduate School of Economics	41 students	Graduate School of Information Science and Electrical Engineering	7 students
Graduate School of Sciences	5 students	Interdisciplinary Graduate School of Engineering Sciences	5 students
Graduate School of Mathematics	10 students	Graduate School of Bioresource and Bioenvironmental Sciences	23 students
Graduate School of Systems Life Sciences	10 students	Graduate School of Integrated Frontier Sciences	7 students

Number of Students for Each Lecture Course

◆ Introduction to Entrepreneurship (Wednesdays, 5th and 6th periods)	46 students
◆ Entrepreneurial Management I (Saturdays, 3rd, 4th and 5th periods)	27 students
◆ Entrepreneurial Management II (Saturdays, 1st and 2nd periods)	19 students
◆ Idea Lab I (Wednesdays, 5th and 6th periods)	39 students
◆ Entrepreneurship Seminar I (Fridays, 5th and 6th periods)	19 students
◆ Entrepreneurship Seminar II (Fridays, 5th and 6th periods)	17 students
◆ Discovering Entrepreneurial Opportunities (Wednesdays, 5th and 6th periods)	24 students
◆ Entrepreneurial Organizations (Saturdays 3rd and 4th periods)	9 students

◆ Technology Marketing I (Saturdays, 1st and 2nd periods)	15 students
◆ Technology Marketing II (Saturdays, 1st through 4th periods)	11 students
◆ Management Research and Technology (Fridays, 4th and 5th periods)	17 students
◆ Idea Lab II (Wednesdays, 5th and 6th periods)	9 students
◆ Finance for Entrepreneurship (Saturday, 3rd, 4th and 5th periods)	7 students
◆ Competitive Advantage Management (Mondays, 6th and 7th periods)	25 students
◆ Practical Training Program for Regional Management (Saturdays, 2:00 - 5:30 PM)	11 students
◆ QREP (Runs during March)	21 students

Projects

Specialty Projects / Curriculum



C&C (Challenge & Creation)

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

With the idea of producing a creative, challenging environment, C & C was begun in 1997 as a university-wide effort designed to lend support to unique research and study projects planned by the university's own undergraduate and graduate students. Based on the undergraduate and graduate students' youthfulness, the research and study projects are one-of-a-kind. Students implement these themselves, which allows for the opportunity to know the joy of creative self-discovery. Each year the C & C Project attracts a multitude of prospective participants and the resulting projects are always unique and show great individuality.

C&C 2011 Schedule

April	Applications begin to be accepted
May 26 (Thursday)	Applicant Review Board convened (Of 34 applicants, 8 were accepted)
June 2 (Thursday)	Briefing on procedural matters
October 18 (Tuesday)	Interim presentation
March 16, 2012 (Friday)	Results announcement (President's Award winner determination - four projects selected for 2011)
June 1, 2012 (Friday)	President's Award Ceremony



C&C 2011 Selections

	Project name	Representative name	Graduate / undergraduate school	Department	Year	Category
President's Award	Holding and Managing an International Game Development Event: Global Game Jam Fukuoka 2012	Kosuke Kaneko	Graduate School of Information Science and Electrical Engineering	Department of Information Science	D3	Open theme
Excellence Award	Proposal and Verification of a Promotions Model by Means of a Movie Set in the Area	Norikazu Oda	Graduate School of Design	Department of Design	M1	Open theme
Excellence Award	Glider Project	Hisashi Yoshitake	Graduate School of Engineering	Department of Aeronautics and Astronautics	M1	Open theme
Excellence Award	2nd Itoshima City Regional Vitalization Plan Contest	Masato Fukagawa	School of Engineering	Department of Machine and Aeronautical Engineering	B4	Open theme
	Underwater Sound Project	Shun Okazaki	Graduate School of Integrated Frontier Sciences	Department of User Sensitivity	M2	Open theme
	Empirical Research Concerning the Creation of Sustainable Habitat in the Itoshima Region Through Municipal - University Cooperation	Soichiro Nakagawa	Graduate School of Human-Environment Studies	Urban Habitat Design Studies	M2	Open theme
	Development of a Pupil Measurement System That Utilizes High-Speed Recording Functions	Atsushi Nagaie	Graduate School of Medical Sciences	Department of Medical Sciences	D3	Business Creation
	Establishment of Cooperative Branding Between Students and Bangladesh's Underclass	Fumika Nakamura	School of Economics	Dept. of Economic Engineering	B4	Business Creation

◆ Winners of the President's Award and Excellence Award were decided at the March 16 Results Announcement

Projects

AC (Academic Challenge)

http://qrec.kyushu-u.ac.jp/en/researches/ac

Started in 2008, AC (Academic Challenge) 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. In order to promote promising research to fuel future innovation, students are afforded the opportunity to display their creativity and flexibility by facing off against each other in the pursuit of academic research.

AC 2011 Schedule

April	Applications begin to be accepted
June 16 (Thursday)	Academic Challenge review board convened (Of 33 applicants, 9 were accepted)
June 23 (Thursday)	Briefing on procedural matters
October 20 (Tuesday)	Interim presentation
March 14, 2012 (Wednesday)	Results announcement



Fourth Academic Challenge 2011 Selections

Theme	Name	Graduate / undergraduate school	Department	Year	Supervisor affiliation	Supervisor
Examination of the Therapeutic Effects of Pimobendan When Administered to Model Mice with Terminal Dilated Cardiomyopathy	Miki Nonaka	Graduate School of Medical Sciences	Department of Medical Sciences	D1	Faculty of Medical Sciences	Prof. Toshiyuki Sasaguri
Research on Subliminal Human Facial Recognition Systems That Utilize Binocular Vision Conflict	Yuko Kume	Graduate School of Medical Sciences	Department of Medical Sciences	D1	Faculty of Medical Sciences, Clinical Neurophysiology	Prof. Shozo Tobimatsu
Establishment of a New Hemopoietic Stem Cell Differentiation-Inducing Method to Assist in Hemangioblast from Human ES/iPS Cells	Takenobu Nii	Graduate School of Medical Sciences	Department of Medical Sciences	D2	Host Defense Medical Sciences Research Lab	Prof. Kenzaburo Tani
Abatement of Fever Stress by Means of Application of an L-Menthol Ointment When Firefighting Garments are Used	Kohel Nakao	Graduate School of Design	Department of Design	M2	Faculty of Design	Prof. Yutaka Tochiara
Development of a Complex System Aimed at Promoting Development of Geothermal Power Plants: Li Resources Recovery from Geothermal Water and Prevention of Silica Scale	Norio Matsushita	Graduate School of Engineering	Department of Earth Resources Engineering	M1	Faculty of Engineering	Prof. Koichiro Watanabe
Modification of Biogenic Manganese Oxide and Its Application for Rare Metals Recovery	Chen Yuqian	Graduate School of Engineering	Earth Resources Systems Engineering Major	D2	Faculty of Engineering, Earth Resources Systems Engineering Dept.	Prof. Keiko Sasaki
Prevention of the Spin Tunnel Magnetic Resistance That Accompanies LSI Technology	Yuya Maeda	Faculty of Information Science and Electrical Engineering	Department of Electronics	M2	Faculty of Information Science and Electrical Engineering, Department of Electronics	Prof. Kohel Hamaya
Development of Basic Technology for Implementing Extra-Mobile Irregular Ge Channel Transistors	Hirokyu Yokoyama	Graduate School of Information Science and Electrical Engineering	Department of Electrical and Electronic Engineering	M2	Faculty of Information Science and Electrical Engineering, Department of Electronics	Prof. Taizo Sado
Development of Specific Fluorescent Probes That Can Specifi the Outbreak of 8-Oxoguanosine in RNA	Yohei Koga	Graduate School of Pharmaceutical Sciences	Department of Chemo-Pharmaceutical Sciences	D1	Faculty of Pharmaceutical Sciences	Prof. Shigeki Sasaki

QSHOP (Startup simulation program at the Kyushu University)

http://qrec.kyushu-u.ac.jp/en/educations/program/qshop



The Kyudaisai Festival Business Startup Program offers the entrepreneurs of tomorrow the opportunity to start businesses today by setting up and managing stalls at the university's Kyudaisai Festival. Students also establish a business organization as a part of this effort. This project allows students the experience of actually managing a company. 2011 was the first year of QSHOP. The goal of the project is to allow individual students the opportunity to think and act on their own in establishing their businesses. In addition to setting up their own stalls and carrying out sales activities, students also receive support from real venture capitalists, certified public accountants, legal professionals and bankers as they use real money in the course of starting up their businesses and gain valuable experience. Moreover, each entrepreneur team has the goal of maximizing their earnings per share (profit per share of common stock), with final competitive rankings determined based on this.



2011 Status of QSHOP Implementation

Oct. 22 (Saturday)	Orientation / Opening Lecture	
Oct. 22 (Saturday) - 29 (Saturday)	Members divided up into teams, business plans created	Business plans, sales targets, customer targets, sales methods, etc. are considered and business plans are created
Oct. 29 (Saturday)	Business plan presentations	Each entrepreneur team presents their business plans and after negotiations with potential sponsors (venture capitalists), investment ratios are determined
Oct. 29 (Saturday) - Nov. 18 (Friday)	Various formalities / preparations taken care of	Companies are established and sales activities are planned
Nov. 19 (Saturday), 20 (Sunday)	Kyudaisai Festival	Sales activities
Nov. 22 (Tuesday)	General Meeting of Stockholders	Balance sheets recognized, business reports created. Dividends calculated, companies liquidated.

Seven Teams Participated in 2011, and the Businesses Shown Below Were Established

1st place	Company: Ito-Ya "Adding a Little iTOP"	Description: Creation and sales of hashimaki
2nd place	Company: Global Service Hisahara Co. Ltd.	Description: Original sata andagi
3rd place	Company: QREC Playing Manager	Description: Processing and sales of chicken meat (Chicken broiled with herbs)
4th place	Company: E-Seven Co. Ltd.	Description: Fried chicken
5th place	Company: Global Yatai-tai! JLCC	Description: Sales of oden
6th place	Company: QBS 9th KCJ Store	Description: Sales of Hotteok, a Korean food, as well as Korean accessories
7th place	Company: Soramame Co. Ltd.	Description: Providing a place to meet friends and enjoy a drink

Entrepreneurship Seminar I・II

<http://qrec.kyushu-u.ac.jp/en/educations/program/company>



In order to create a new industry, along with research activities that produce the seeds of this new vision, professionals possessing the entrepreneurial spirit necessary to stand up to new challenges must be nurtured. At QREC, the goal is to develop this entrepreneurial spirit in our students and provide each of them with the opportunity to consider different career options. With this in mind, each year the Entrepreneurship Seminar I・II classes are planned out and presented in an omnibus format.

2011 Theme

My Turning Point, My Choices: The Reasons for My Selections
What is the significance and purpose of work, and how should I plan out my career?
Let's consider these questions together.



QREP (Robert T. Huang Entrepreneurship Program)

<http://qrec.kyushu-u.ac.jp/en/educations/program/qrep>



A Program Designed to Encourage a Spirit of Challenge and Global Awareness

Designed to foster entrepreneurship and an international sensibility, this program was brought about thanks to the support of Dr. Robert T. Huang, founder and former president of Synnex Co. and a graduate of Kyushu University as well as other individuals. Students visit Silicon Valley in the U.S. for one week, attending lectures by a variety of noted instructors and exchanging opinions and information with Stanford University students and others. Through this process, students are afforded the opportunity to reflect on their career choices and develop a spirit of seeking out challenges and improving their international awareness. Students from Waseda University, which has a special agreement with Kyushu University, also participate. With a variety of participants – everyone from those wishing to start up their own business to aspiring researchers and employees of major companies – students have the opportunity to come in contact with persons holding a variety of values not common in Japan.

- **Goals**
- To nurture the entrepreneurial spirit (a spirit of seeking out challenges)
 - To increase global consciousness
 - To provide the opportunity to come in contact with a variety of values
 - To improve individual self-awareness (assertiveness, independence)
 - To reinforce the significance of subjects studied at university and improve the desire to learn
 - To expose students to world-class research and business practices
 - To allow students to develop knowledge related to starting a business and an understanding of actual business conditions
 - To develop competitive professionals



2011 QREP Silicon Valley Schedule

3/4 (Sunday)	Arrival → Pass through immigration → Travel by bus (sightseeing of San Francisco) → QREP goals explained: Prof. Tanigawa → "What do you want to study at QREP?" Kyushu University CA Office Masato Matsuo, Director → Informal discussions between Kyushu and Waseda University graduates: Welcome reception hosted by Kyushu U. California Office
3/5 (Monday)	Discussion on professional development and global careers led, Tomoyaki Tateno, TP-Partners / MD → Discussion on BOP Entrepreneurship (Riku Shan) → Discussion on public entrepreneurs and leadership led, Yoriko Kishimoto, the former Palo Alto mayor → "Entrepreneurship and the Entrepreneurial Spirit" Yoshinari Yoshikawa, CEO of Misuru Inc. → Discussion on International Careers – SVIF Regular Meeting (Panel Discussion), "Choosing Between a Major Company and a Startup" with participation by former NTT America President Ono
3/6 (Tuesday)	Discussion on Starting Up a Business: Visit to the Plug & Play Incubator (Presentation by Sun Bridge, Nikkei VB, etc.) → Observation of D-school → Observation of the Clark Center or a Japanese-staffed research lab → Discussion on research management / research careers: Proamamoto, Stanford University → Discussion on international professionals and new businesses: participation in a Stanford University classroom, discussions with students Prof. Richard Dasher → Roundtable exchange of opinions with Stanford University students
3/7 (Wednesday)	Discussion on international careers, Kazuhisa Terasaki of Evernote → Discussion on international professionals: Panel discussion featuring Japanese who work with foreign capital businesses (Google, Apple, etc.) → VC and careers discussion: Gen Isayama, DCM Partner President → Interim arrangement of issues / discussion → Discussion on managing research & technology, a panel discussion: Chika Hashimoto, JBC (a biological research organization staffed by Japanese nationals)
3/8 (Thursday)	Discussion on research management: visit Gladstone Institute → International startups and international careers: visit Oracle (Mx. Ono and others) → Visit Yahoo! → Discussion on the entrepreneurial spirit: Exchange student panel (Stanford University, San Jose State University) → Dinner party with exchange students
3/9 (Friday)	Discussion on social entrepreneurship: Aaron Firestone, Manager at Benetech → Discussion on global corporations and entrepreneurship: Hiroaki Yoshihara, the former KPMG Vice President → Discussion comparing business in the U.S. and Japan, Hiroshi Menjo, NetService Ventures Group / MD → General arrangement of issues & discussion → Farewell reception given by Kyushu U. California Office (Presentations by students with professors, graduates and others participating)
3/10 (Saturday)	Get ready to leave U.S. → Arrive in Japan

2011 Entrepreneurship Seminar I Lecture Schedule

Date	Lecturer
Seminar #1 10/7 (Fri.)	Shuhei Morofuji, Representative Director, SMS Co., Ltd.
Seminar #2 10/14 (Fri.)	Yasuyuki Okawa, Associate Professor, Dept. of Advanced Medical Initiatives, Faculty of Medical Sciences, Kyushu University
Seminar #3 10/21 (Fri.)	Tadahisa Kagimoto, Representative Director & CEO, Aquem Biopharmaceuticals
Seminar #4 10/28 (Fri.)	Ipppei Matsuikiyo, Representative Director, Hospitable
Seminar #5 11/4 (Fri.)	Chieko Maruyama, JICA Kyushu
Seminar #6 11/11 (Fri.)	Sadayoshi Notomi, Representative Director and President, Fusio Co., Ltd.
Seminar #7 11/25 (Fri.)	Noriko Taji, Professor, Hosei University
Seminar #8 12/4 (Sun.)	Entrepreneurship Seminar I・II Special Combined Lecture: Commemorative Symposium to Mark the Offering of Lectures Terumichi Tawara, Supervising Director, Misumi Corporation. Kohei Takashima, Representative Director and President, Oisix Inc.

2011 Entrepreneurship Seminar II Lecture Schedule

Date	Lecturer
Seminar #1 12/4 (Sun.)	Entrepreneurship Seminar I・II Special Combined Lecture: Commemorative Symposium to Mark the Offering of Lectures Terumichi Tawara, Supervising Director, Misumi Group Inc. Kohei Takashima, Representative Director and President, Oisix Inc.
Seminar #2 12/9 (Fri.)	Toshiyuki Yamamoto, Representative Director, EC Studio
Seminar #3 12/16 (Fri.)	Takeshi Nakanishi, Representative Director & CEO, Carbon Free Consulting, Inc.
Seminar #4 1/6 (Fri.)	Rie Karasawa, Representative Director, Personal Design, Inc.
Seminar #5 1/13 (Fri.)	Nobuo Matsushita, President, Shokaso Juku
Seminar #6 1/20 (Fri.)	Nobuaki Satani, Representative Director & CEO, Pipeds Bits, Inc.
Seminar #7 1/27 (Fri.)	Ikuo Hagino, Representative Director, Borders Co., Ltd.
Seminar #8 2/3 (Fri.)	Akihito Nakamachi, Partner, Law Offices of Anderson, Mori & Tomotsune

Events / Workshops

Tokyo University i.school / QREC Cooperative Social Entrepreneurship / Workshop

**Social Innovation Design that Begins with One's Self:
From the Example of Iceland to the Great East Japan Earthquake**

Date: February 25, 2012 (Saturday)
Place: Silicon Valley Room, 2nd Floor, Entrepreneurship Center, EC Building, Hakozaki Campus,
Kyushu University

On February 25, the Tokyo University i.school / QREC Cooperative Social Entrepreneurship / Workshop was held. (Main sponsors: Robert T. Huang Entrepreneurship Center of Kyushu University; co-sponsor: Tokyo University Innovation School (abbreviation: Tokyo University i.school); backup provided by: Yasuyuki Hirai Laboratory, Design Strategy Dept., Faculty of Design, Kyushu University) Four instructors from Tokyo University i.school visited to give the "From the Example of Iceland to the Great East Japan Earthquake" talk. Especially notable was the work group information provided regarding how the financial crisis in Iceland had suddenly changed the lives of ordinary citizens and the processes behind these sweeping social changes. Listening to this talk, students thought carefully about the implications and then produced simple ideas for creating change that could be implemented easily. Participating students took advantage of this chance to become aware of new ways of thinking and thought about opportunities for social innovation.



Brown Bag Lunch Seminar – Sponsored by QREC and Fukuoka American Center

**Social Innovation to Change the World:
Can American Social Innovation Save Japan?**

Date: January 25, 2012
Place: Silicon Valley Room, 2nd Floor, Entrepreneurship Center, EC Building, Hakozaki Campus,
Kyushu University

On January 25, QREC welcomed Stanford University Center for Social Innovation Director Kriss Deiglmeier to participate in this seminar, which was co-sponsored with the U.S. Consulate of Fukuoka. The lecture was given in English and the audience took advantage of this opportunity to ask questions as they developed a deeper understanding of social innovation and related topics. Ms. Deiglmeier used case studies to provide an overview of individuals shouldering the responsibility for social innovation as well as a history of this phenomenon, as the audience became familiar with the present state of social innovation in the U.S., giving them the opportunity to come to grips with how to create and implement future social value in Japan. After Ms. Deiglmeier's presentation, Professor Adachi of the Faculty of Human-Environment Studies provided commentary, allowing the audience to gain a greater understanding of social innovation and its ability to open the way for social changes and a new society.



2011 Asia Roundtable – Sponsored by QREC

**No Looking Back: Creating a Region with Vitality for the Future:
East Japan Trial Studies Aimed at Creating a New Region from the Ashes of the Great East Japan Earthquake**

Jointly Sponsored by Kyushu University / Robert T. Huang Entrepreneurship Program (QREP)
2011 Presentation of Participating Student Results: A Plan for Revitalizing Japan Based on Observations of Silicon Valley

Date: March 21, 2012 (Wednesday) Place: Arena Hall, 1F, Acros Fukuoka

QREC held this event in joint cooperation with the Fukuoka Prefecture Industry Science Technology Foundation (Fukuoka IST) on March 21. This event was about more than simply restoring the region that had been so hard-hit by the Great East Japan Earthquake; it involved introducing a paradigm for transformational activity aimed at realizing a new post-disaster Tohoku region. It also provided ideas for considering how to change individual awareness and strategies with regards to regions in Japan that have found themselves in the position of dealing with a multitude of issues without having any development strategies drawn out. Talks were provided by Tomohiro Takei, Representative Director of Makoto Incorporated Association, as well as Tohoku University Associate Professor Michio Ubaura and Kazuki Wakayoshi, a student representative and the main sponsor of the TED x TOHOKU project. Furthermore, Kyushu and Waseda University students who had participated in QREP also joined forces to present the results of this effort. With the participation of QREP, effective efforts to restore the Tohoku region in the aftermath of the disaster were presented, as were business projects designed to revitalize all of Japan as a meaningful one-day exchange of opinions took place.



Incubation (Research and Implementation Support)

First Floor, Room #101

- **Project Name**
Counseling Visits
- **Affiliation**
Beautiful Sunday LLC
- **Staff Responsible for Use**
Takako Kitajima,
Representative

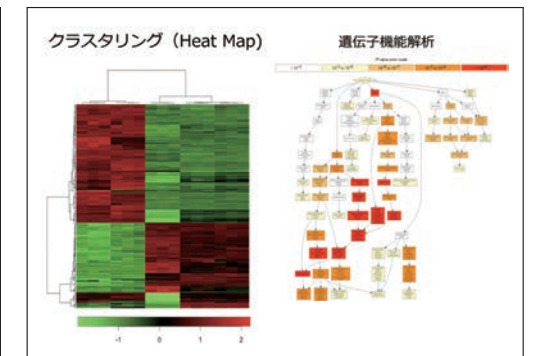


Second Floor, Room #202

- **Project Name**
Research Project Related to
Microarray Experimental Meth-
ods and Experimental Data
Analysis Techniques
- **Affiliation**
Cell Innovator Inc.
- **Staff Responsible for Use**
Masamitsu Saito,
Representative Director
(Formerly Yoshimasa Ono)

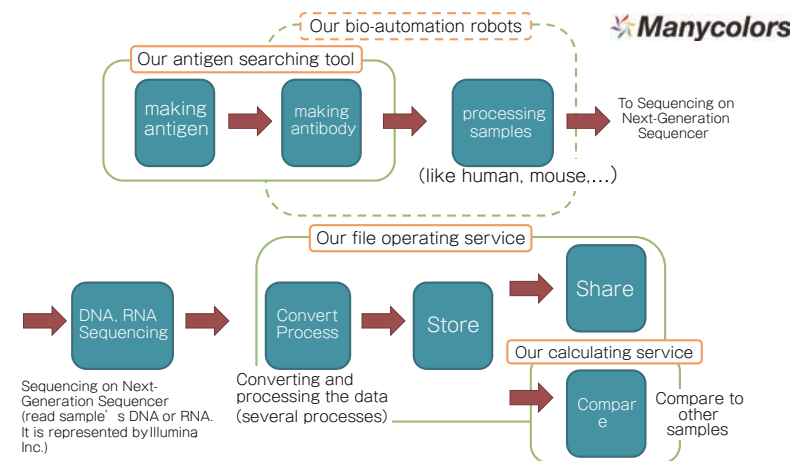
[Photo caption: Cell Innovator Inc.,
analysis outsourcing]

[Photo caption: Microarray outsourcing experimental data output]



First Floor, Room #101

- **Project Name**
Bio-Robot Research Project
- **Affiliation**
Faculty of Medical Sciences/
Manycolors Inc.
- **Staff Responsible for Use**
Yasuyuki Ohkawa,
Associate Professor
Shota Nakano,
Representative Director



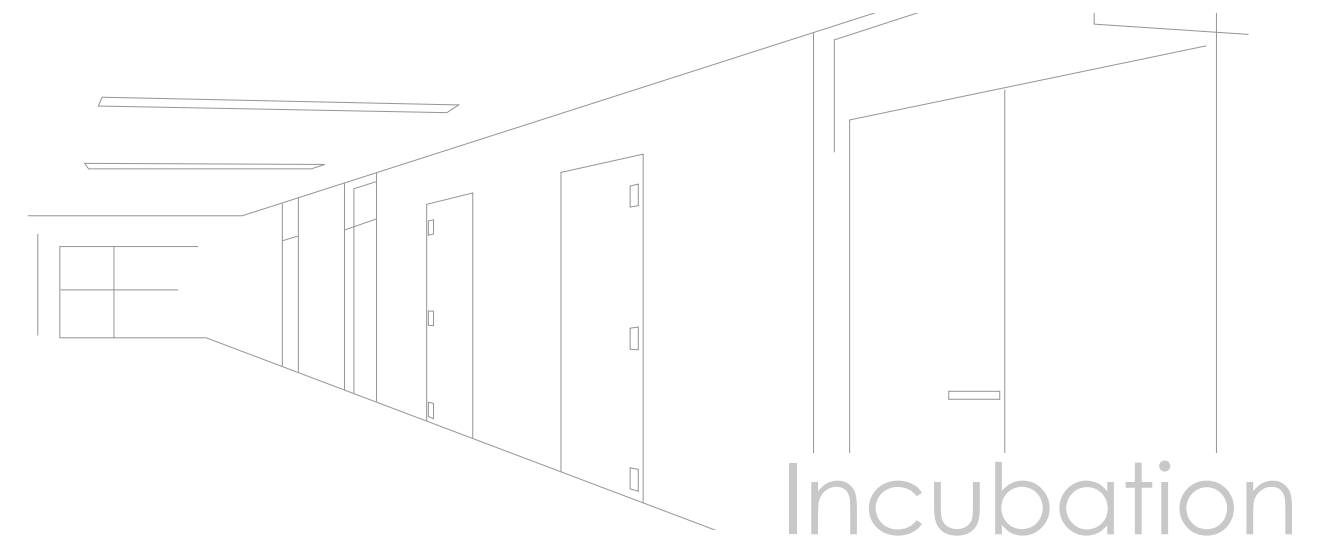
Second Floor, Room #204

- **Project Name**
Development of Evaluation System
for Pulmonary Advers Effects of
Various Carbon and Metal-Based
Nano-Material
- **Affiliation**
Department of Environmental
Medicine, Faculty of Medical
Science
- **Staff Responsible for Use**
Akiyo Tanaka,
Assistant Professor



First Floor, Room #102

- **Project Name**
An International Community
Program Concerning the Hydrologi-
cal Cycle and Aquatic Environment
in Arid Regions as Well as Future
Predictions and Countermeasures
for These Areas
- **Affiliation**
Faculty of Sciences
- **Staff Responsible for Use**
Kaoru Kashima,
Associate Professor



Educational and Administrative Staff

QREC Core Faculty Members



**Professor
Toru Tanigawa**
Director General,
Robert T. Huang
Entrepreneurship Center
Deputy Director General, Arts,
Science and Technology Center
for Cooperative Research
Fields of specialization:
Regional Economic Policy,
Business Incubation, Industry -
University Cooperation



**Associate Professor
Shingo Igarashi**
Deputy Director General,
Robert T. Huang
Entrepreneurship Center
Fields of specialization:
Entrepreneurship, Management
Strategy Theory



**Associate Professor
Megumi Takata**
Department of Business and
Technology Management
Graduate School of Economics
Fields of specialization:
Industry-University Management
Cooperation, Management of
Technology (MOT),
Entrepreneurship



**Associate Professor
Ei Shu**
Department of Business and
Technology Management
Graduate School of Economics
Fields of specialization:
Innovation Management

QREC Lecturers



**Associate Professor
Ku Seunghwan**
Management Studies Department,
Graduate School of Economics,
Kyoto Sangyo University



**Professor
Masaki Kuroki**
Assistant Dean, Management
Studies Department,
MOT Graduate School,
Ritsumeikan University



**Professor
Hironori Higashide**
Graduate School of Commerce
and Business School
Waseda University



**Professor
Ryusuke Furuta**
Director, Department of
Commerce, Kumamoto
Gakuen University



**Associate Professor
Jinichiro Yamada**
Graduate School for
Management Studies,
Osaka City University



**Professor
Hirofumi Taniguchi**
Arts, Science and Technology
Center for Cooperative Research,
Kyushu University

QREC Advisory Committee Members

<Professional titles omitted> (As of May 2012)

Dr. Robert T. Huang

Founder and former Chairman of the Board of SYNEX Corporation
Chairman, SB Pacific Corporation Ltd.
Representative Director & Chairman of the Board, SYNEX Infotec
Corporation Chairman,
ThreePro Group, Inc. Honorary Doctorate,
Kyushu University

Dr. Shuichi Matsuda

Honorary Professor, Waseda University
Director, The Japan Academic Society for Ventures and
Entrepreneurs (Former Chairperson)
Chairman of the Board, Weru Investment Co., Ltd.

Dr. Richard B. Dasher

Professor, Stanford University
Director, US - Asia Technology Management Center

Koichiro Nakamura

Kauffman Fellow Program
Managing Director (In Charge of Global Cooperation)
Headquarters Office for Retail Healthcare, Mitsubishi Corporation
New Distribution Channel Development Unit

Hirokazu Hasegawa

Representative Director & Chairperson, Hasegawa Co., Ltd.
Consultant, Japan New Business Conferences

Allen Miner

Chairman & CEO, SunBridge Corporation
Founder, Oracle Japan

Yasuyuki Abe

Director & Senior Managing Executive Officer, Sumitomo Corporation
General Manager, New Industry Development & Cross-Function
Business Unit

Mariko Takahashi

Senior Staff Writer, Science & Medical News Section,
Asahi Shimbun

Shuhei Morofuji

President & Representative Director, SMS Corporation.

QREC Administration Committee Members

Shinichi Ishimura

Dean, Graduate School of Design

Mitsuo Katano

Dean, Graduate School of Medical Sciences

Akihiko Kawano

Dean, Graduate School of Human-Environmental Studies

Akiya Nagata

Professor, Department of Business and Technology Management,
Graduate School of Economics

Shinichi Hino

Professor, Graduate School of Engineering

Atsushi Yoshimura

Dean, Graduate School Bioresource and Bioenvironmental Sciences

Masato Wakayama

Executive Vice Dean, Faculty of Arts and Science

Toru Tanigawa

Director General, QREC

Shingo Igarashi

Deputy Director General, QREC

QREC Facilities

Silicon Valley Room

<http://qrec.kyushu-u.ac.jp/incubations/sroom>

Located in Room #201 on the second floor of the Entrepreneurship Center Building, the Silicon Valley Room opened in April of 2011. It is divided into four rooms, and also features a public space that may be used for meetings and exchanges by students enrolled at Kyushu University who have been selected to participate in C & C and AC, as well as students taking QREC courses. Most of the wall surface of the Silicon Valley Room is covered with whiteboard, which helps make the space very versatile.



■ Public space (Holds up to 30 persons)	An exchange space equipped with a shared desktop PC, copier (requires money to operate), video conference system, a wireless projector and a mobile whiteboard
■ Palo Alto Room (Holds up to 10 persons)	Meeting room (Priority usage for QREC students and staff)
■ Mountain View Room (Holds up to 10 persons)	Meeting room (Priority usage for students)
■ San Jose Room (Holds up to 10 persons)	Meeting room (Priority usage for students)
■ Each room is equipped with the university's Wi-Fi service, kitenet	

NOTE: With the temporary removal of the partition dividing the Mountain View and San Jose rooms, these rooms may be combined into one large space.

Sozo Pavilion (Seminar Room / Reading Room)

<http://qrec.kyushu-u.ac.jp/incubations/about>

Kyushu University faculty, staff and students enrolled at the university who are working on their C & C or other projects have access to the seminar and reading rooms located on the 2nd floor of the Sozo Pavilion. These two rooms are utilized chiefly by the C & C examination board, as well as for academic meetings and as a lecture hall. Desks and chairs may be arranged as the participants see fit, so these rooms are ideally suited for group work, workshops, and similar activities. What's more, in March of 2012, a new video conferencing system was introduced to the seminar room, making it possible to hold lectures remotely with other campuses.



■ Seminar Room (Holds up to 60 persons)	One projector (suspended ceiling type), one projector remote control, one PC connection cord, four microphones (two wireless, one desktop type, one pin type), one DVD player (with remote control), one VHS video player (with remote control), whiteboard, video conferencing system NOTE: Projector screens are available in both rooms.
■ Reading Room (Holds up to 12 persons)	One projector (suspended ceiling type), one projector remote control, one PC connection cord, whiteboard
■ Each room is equipped with the university's Wi-Fi service, kitenet	

Access Map

