

# Monthly Report of Gifu University

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Delegation from Srinakharinwirot University, Thailand pays a courtesy call on President Moriwaki

On May 9, 2017, delegation from Srinakharinwirot University, Thailand paid a courtesy call on President Hisataka Moriwaki. The Faculty of Education of Gifu University and the Faculty of Education of Srinakharinwirot University signed an agreement on faculty exchanges in March 2015. In the meeting with the president, the delegation and the officials of Gifu University agreed with continued, constructive research exchanges to accomplish the goals of the agreement.

Teachers working for schools with special needs in Thailand were also the members of the delegation. On May 9 and 10, they were invited to inspect three schools with special needs within Gifu Prefecture. They had a chance to exchange opinions over differences between Japan and Thailand in regard to special needs education. In their meetings, they shared insights and reconfirmed challenges for both countries in the years ahead.



Group photo



Meeting with the president

Gifu University Student Team wins the Gold Prize at “The 9th Die & Mold Student Grand Prix”

The Japan Die & Mold Industry Association held the “Intermold 2017 Die & Mold Asia 2017 Japan Metal Stamping Technology Exhibition 2017” on April 13, 2017. Gifu University student teams took part in the exhibition and one of Gifu University student teams won the Gold Prize at the 9th Die & Mold Student Grand Prix” in the press mold category, and the other team won the Silver Prize in the plastic mold category.

In this competition, participating students first displayed dies, molds and molded samples of their own making and later explained the details from designing, modifications to formation of dies and molds to the examiners. In this 9th competition just like in the past 8 competitions, company employees enjoyed inspecting each exhibition booth and casual talks with students. The competition is now becoming an important venue for students and company employees to discuss various issues arising from actual manufacturing sites.

Gifu University team won the gold prize in the plastic mold category in 2014, and gold prize in the press mold category in 2016 and 2015. This means that Gifu University teams won gold prize in four consecutive years if the two categories combined.

On May 9, the teams and their instructors reported their achievements to President Hisataka Moriwaki. In the meeting with the president, one of the team members said, “Our senior students won gold prize three years in a row. We felt huge pressure for success and difficulties in tackling with given assignments, but our strong teamwork led us to win the best award in the 9th competition.” President Moriwaki replied, “Your victory is truly the pride of our university. Please convey your joy of achievements after going through lots of arduous works and great patience to overcome enormous challenges to your juniors.”



A student reporting to the president



Group photo

## Gifu University delegates join “China-Japan University Fair & Forum in China 2017”

President Hisataka Moriwaki, Professor Wang Zhigang, Vice President for Industry-Government-Academia Collaboration and Professor Mitsuaki Hosono of Head Office for Industry-Government-Academia Collaboration, Organization for Research and Community Development and other delegates from Gifu University attended the “China-Japan University Fair & Forum in China 2017” held in Shanghai and Hangzhou from May 13 to 16, 2017. The fair was organized by the Japan Science and Technology Agency (JST) for presentations and exhibitions of research activities by Japanese universities for people in China. It offered a great opportunity to the university officials in both countries to meet with one another for information sharing and opinion exchange.

“China-Japan University President Meeting” was held in the afternoon of May 13 and President Hisataka held a talk with President Li Dayong of Harbin University of Science and Technology. The two introduced the overviews of their respective universities and later engaged in active opinion exchange.



President Moriwaki talking with  
President Li



Gifu University delegates and  
people from Harbin University  
of Science and Technology



Five subcommittee meetings were held in the afternoon of May 14 and President Moriwaki gave a speech titled, “Gifu University Efforts for Internationalization and Development of Globally-Minded Human Resources.”



President Moriwaki making a presentation



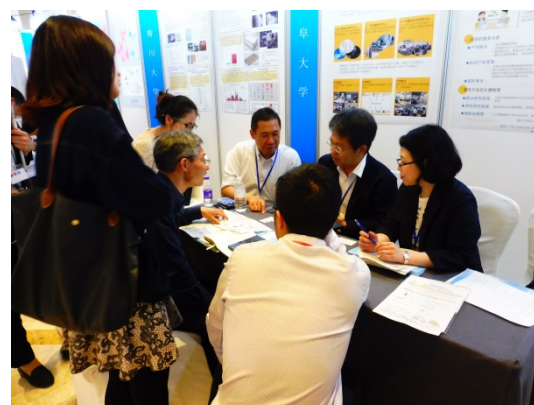
Scene of subcommittee meeting

Gifu University introduced and exhibited information about studying at Gifu University for students in China, information about industry, government and academia collaboration, research results and technology resources at its booth set up at the Shanghai venue after the subcommittee meetings were over on May 14, and at the Hangzhou venue in the afternoon of May 15. Many people from universities, research institutes and private companies in China visited the Gifu University booth.

The “China-Japan University Fair & Forum in China 2017” ended with a great success paving the way for securing skilled personnel, implementation of joint research programs and technological transfer in the future.



Scene of the meeting in Shanghai



Scene of the meeting in Hangzhou

Smart Die Development Hub Project Kickoff Meeting is held

Gifu University held a “Smart Die Development Hub Project Kickoff Meeting” on May 19, 2017. The project received funding from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) supplementary budget for AY 2016 under the framework of the Ministry's program to build regional centers for testing and demonstrating new developments in science and technology.

The major purposes of the project are as follows:

1. Connect die and molding machine to die IoT (Internet of Things) platform
2. Through collaboration industry, government and academia, commercialize the world-first smart production system which will enable early detection of defective pieces and automatic adjustment of molding conditions
3. By doing the two above, further enhance competitive edge in regional manufacturing businesses

The project will start in AY 2018 and the preparations are now underway at Gifu University.

The kickoff meeting was held for introduction of companies scheduled to join the project and for confirmation of the details as to how the project would be conducted. Around 60 people attended, of them, 31 people took part in from 13 companies.

At the beginning of the meeting, Professor Wang Zhigang, Vice President for Industry-Government-Academia Collaboration of Gifu University gave an opening speech, which was followed by introduction of each company, research contents and their motivations for the project. Afterward, Gifu University representatives explained about the purposes of the project, organization management and style of contract for joint research activities.

This kickoff meeting was the first opportunity for all prospective companies to assemble together. They deepened mutual understanding with one another and reconfirmed the objectives of the project, which we believe motivated and inspired them for a great success of the project in the future.



Professor Wang giving an opening speech



The 2<sup>nd</sup> Press Conference by the President for AY 2017 is held

The 2<sup>nd</sup> Press Conference by the President for AY 2017 was held on May 17, 2017.

First, President Hisataka Moriwaki explained about the “Perspectives for the Center for Highly Advanced Integration of Nano and Life Sciences” in association with the “Gifu University Future Vision Toward 2025.” Afterwards, Professor Hideharu Ishida, Director of the Center, Professor Hiromune Ando and Professor Kenichi Suzuki, also of the same center, spoke about the details of ongoing programs and activities at the center.

Professor Ando and Professor Suzuki introduced the center’s most advanced research on sugar chain in Japan by showing some materials to the audience. They also talked about their hopes for creating new medicines by pursuing three research themes of the center, “manufacturing, unraveling and utilizing.”

After the conference, people were invited to inspect the microscope system installed at the center.



President Moriwaki explaining the “Gifu University Future Vision Toward 2025”



Professor Suzuki (left) and Professor Ando speaking about the center



Microscope system

The 1<sup>st</sup> Gifu University Delivery Lecture for AY 2017, “Mechanism and Possible Prevention for Heart Attack Unveiled by the Most Advanced Diagnostic Imaging System” is held

The 1<sup>st</sup> Gifu University Delivery Lecture for AY 2017 was held at Gifu University Hayano Residence Seminar House in Ogaki City, Gifu Prefecture on May 20, 2017.

Associate Professor Masanori Kawasaki of the University Hospital made a presentation titled, “Mechanism and Possible Prevention for Heart Attack Unveiled by the Most Advanced Diagnostic Imaging System.” He talked about a correlation between risk factors and incidence of coronary artery disorder, and incidence rate of heart diseases due to arterial sclerosis. After the lecture, Professor Kawasaki and the participants engaged in lively discussions. Some of the participants said as follows: “I am surprised to know that research on heart attack has progressed greatly in recent years,” “Professor Kawasaki’s presentation was quite easy to understand to us.”



Scene of the Delivery Lecture

The 6<sup>th</sup> Gujo Dance Workshop is held

The International Student Center held the 6<sup>th</sup> Gujo Dance Workshop at the Yanagido Kaikan building, Gifu University on May 24, 2017. The Gujo Bon Dance is one of the traditional local performing arts and is designated as a significant intangible folk cultural asset in Japan. Around 30 people including international and Japanese students, teaching and administrative staff joined the workshop.

The workshop is held as part of exchange promotion activities between Gifu University and Gujo City, Gifu Prefecture. Gifu University and Gujo City signed the agreement for the promotion of academia-government cooperation in March 19, 2012. Ever since the university and the city have been enjoying a long, thriving relationship through a "Summer School Gujo Program" under which many international students at Gifu University stay at local residence in the city.

Before the opening of the workshop, members of an international exchange support group, "Sepia Kai" (Mino City, Gifu) helped the international students get dressed in summer kimono they chose. They tried their hands at dancing wearing wooden clogs. International students in colorful summer kimono were busy with taking pictures with one another and having great fun even before the start of the workshop. In the 6<sup>th</sup> Gujo Dance Workshop, students from China, Ghana, Malaysia, Peru, South Korea, Sweden, Thailand and the United States took part in and enjoyed dancing with the Japanese students.

Mr. Mitsuo Endo and Ms. Rie Kumazawa from Gujo Hachiman Town, home to Gujo Dance were kind enough to visit Gifu University to teach students how to dance. At the beginning of the workshop, the two instructors briefly explained about Gujo City and Gujo Dance, then the participants practiced two dances called, "Kawasaki" and "Harukoma" both of which are the most popular dances in Gujo Dance.

Some students looked nervous and their movement seemed a little clumsy at first, but they soon became good at dancing and moved well to music. In the competition to determine the outstanding dancers, four international students were chosen by the instructors as the "best performers" and the instructors presented them with small gifts. All the participants were later handed out the certificate of participation in the workshop from the instructors.

At the end of the workshop, all joined a commemorative photo-taking session and the 6<sup>th</sup> Gujo Dance Workshop marked another great success this year.



Group photo with “Kawasaki” pose



Students practicing “Kawasaki” dance



Girl students in kimono



Instructor and boy students

Clean Campus Campaign in Spring 2017 is held

Gifu University carried out a campus-wide “Clean Campus Campaign in Spring 2017” on May 24, 2017.

Gifu University declared itself “Environmental University” in 2009, and has been working hard to create an environmentally-friendly university. As part of this effort, the clean campus campaigns are held twice a year.

A total of 798 people including board members, teaching and administrative staff and students took part in the campaign. After a short speech by Mr. Masaki Yokoyama, Executive Director for General Affairs and Finance, the participants spent about an hour picking up trash and weeding within campus. Staff from Gifu Pharmaceutical University, part of its facilities is within the Gifu University premises, also took part in the campaign.

Some of them walked along Shinbori River near the university picking up cans, bottles and weeded the riverside. Students who are studying “Modern Society and Volunteerism, Regional Activities” participated in cleaning a “Maruike Pond,” a place of relaxation and exchange of Gifu University. This activity was planned and organized by the students and was also joined by teaching and administrative staff. After clearing, Associate Professor Takahiko Mukai of the Faculty of Regional Studies delivered a short lecture about creatures they captured at the pond. He also gave the students an advice of not letting fish, animals, etc. they keep, but whose origins are unknown, into the wild in order not to increase non-native species in Japan.



Cleanup activity within campus



Cleanup activity of Maruike Pond



Cleanup activity along Shinbori River



The 8<sup>th</sup> United Graduate School of Agricultural Science Seminar is held

The United Graduate School of Agricultural Science (UGSAS) held a seminar with the title, "The 8<sup>th</sup> United Graduate School of Agricultural Science Seminar: Inspiration & Excitement Research Internship" on May 24, 2017. A total of 42 people attended (28 students, 8 teaching and administrative staff and 6 company employees).

After a speech by Dr. Masateru Senge, Dean of UGSAS, 4 students made presentations about research achievements for their studies of "Research Internship" of UGSAS. All 4 students studied at IC-GU 12\* partner universities overseas. In their presentations, they spoke about different life environment, communications with their supervisors during their stay at the partner universities. They all had wonderful, unique experiences and many of them were beyond imaginations while they were in Japan. They reported their strong wishes of making the best use of such experiences for their future academic activities.

Afterwards, representatives of the five member companies of Industry Subcommittee\*\* introduced their business operations. After the seminar, the company representatives and the students held an informal talk. They exchanged opinions about a wide range of issues including the ideal job candidates that the companies seek to hire.

\*IC-GU 12: "International Consortium of Universities in South and Southeast Asia for the Doctoral Education in Agricultural Science and Biotechnology", which was created at the initiative of Gifu University.

\*\* Industry Subcommittee: Industry Subcommittee is composed of seven companies in the Tokai Region specializing in biological and biotechnological research and development. Its founding objective is to support the UGSAS-GU education and researches from the business point of view in order to cultivate doctoral students into highly-skilled professionals.

## Program

### 1. Internship Reporting Session

Presenter: Auliana Afandi

Destination: GGPC, The University of Lampung, Gadjah Mada University

Period: October 11, 2016 – November 11, 2016

Presenter: Methawee Peanparkdee

Destination: Chulalongkorn University

Period: November 20, 2016 – November 30, 2016

Presenter: Siwattra Choodej

Destination: Chulalongkorn University

Period: January 6, 2017 – February 18, 2017

Presenter: Takuo Enomoto

Destination: Indian Institute of Technology, Guwahati

Period: January 6, 2017 – February 28, 2017

## 2. Company Introduction

Five companies of Industry Subcommittee

Gifu Shellac Manufacturing Co.,Ltd.

Sanyu Consultants Inc.

Taiyo Kagaku Co.,Ltd.

Ichimaru Pharcos Co., Ltd.

Api Co., Ltd.



Mr. Takuo Enomoto making a presentation



Mr. Hata Takeyoshi introducing Api Co., Ltd

## Gifu University concludes a Comprehensive Partnership Agreement with Gifu Convention and Visitors Bureau

Gifu University and Gifu Convention and Visitors Bureau signed a Comprehensive Partnership Agreement on May 26, 2017. The major objectives of the agreement are:

1. Dissemination of the allure of Gifu City to the world
2. Invitation and organization of domestic and international academic conventions
3. Reinforcing intellectual foundation of regions
4. Assembling people with diverse individual expertise and nationalities together at Gifu and promoting their exchanges
5. By doing all of the above, the two institutions aim to form a strong alliance and cooperation relationship

In a signing ceremony, Mr. Yukio Murase, President of Gifu Convention and Visitors Bureau said, “I hope the signing of the agreement will become a great momentum for us to build a strong bond with Gifu University for future growth and prosperity of this region.” In reply, President Hisataka Moriwaki of Gifu University said, “Gifu University keeps on pushing forward our efforts for regional revitalization.”

The two institutions will continue to engage in various initiatives such as increasing the number of people coming and going to and from Gifu City and enhancing power of brand of Gifu University.



President Moriwaki (right) and Mr. Murase holding the agreement together

## The Graduate School of Education, Gifu University holds a Letter of Delegation Presentation Ceremony

The Teacher Education Course, the Graduate School of Education, Gifu University has a “School Delegation System for Research and Development” to address various problems and challenges in the field of education today. The major purpose of the system is to promote systematic research activities concerning education and any other relevant research programs which are now underway at the Graduate School of Education. It also aims to make social contributions by way of such activities.

Under the system, the Graduate School of Education will have support from Tetsumei Sakura Elementary School in Gifu City for its research activities from 2017 to 2019. Through cooperation from the elementary school, Gifu University will carry out a “development research for active learning in accordance with different developmental stages.”

A Letter of Delegation Presentation Ceremony was held at the Gifu City Education Board on May 26, 2017.



(from right) Mr. Hayakawa, Superintendent of Gifu City Education Board  
Mr. Fujita, Principal of Tetsumei Sakura Elementary School  
Professor Naotake Iketani, Dean of the Graduate School of Education  
Associate Professor Tomoko Tamura of the Graduate School of Education

## Gifu University hosts the 48<sup>th</sup> Japan National University Radiology Meeting

Gifu University hosted the 48<sup>th</sup> Japan National University Radiology Meeting at Nagarakawa Convention Center, Gifu City on May 26, 2017 (the host university of the meeting changes on a rotational basis among member universities).

The meeting is held once a year, and is considered as a venue for people working for the department of radiology of national university hospitals to deliberate and discuss common agenda. A total of 123 people attended the 48<sup>th</sup> meeting including heads of department of radiology and radiologists from national university hospitals across Japan.

After an opening speech by Dr. Shinji Ogura, Director of Gifu University Hospital, the participants discussed the two topics. They were “Registration of Medical Students as Radiologists” and “Interpretation of Radiogram.” A lecture session and a symposium followed the discussions focusing on better hospital operations. Their titles were, “Diagnostic Reference Level (DRL) for Optimization of Patient Protection” and “Roles of Nurses in Department of Radiology” respectively. Later, Mr. Kazuyuki Nishio of Medical Education Division, Higher Education Bureau of Ministry of Education, Culture, Sports, Science and Technology (MEXT) made a presentation about “Challenges Ahead for University Hospitals.”

Presentations by specialists, active discussions and information-sharing from multiple viewpoints all contributed to the meeting’s great success.



Scene of the meeting

Gifu Nice Rice Project: The 3<sup>rd</sup> Parent-Children Rice Planting & Soccer Game in Muddy Field is held

Gifu University held the 3<sup>rd</sup> "Parent-Children Rice Planting & Soccer Game in Muddy Field" at the Yanagido Farm of Gifu Field Science Center, the Faculty of Applied Biological Sciences, Gifu University on May 28, 2017. This event is part of promotional activities of "Gifu University and Gifu Football Club (FC Gifu) Partner Agreement for Environmental Conservation."

The "Parent-Children Rice Planting & Soccer Game in Muddy Field" is part of "Gifu Nice Rice Project." In the project, Gifu University officials and FC Gifu members join hands from rice planting to rice sale so that people become more aware of ideal environment for rice cultivation and think deeply about environmental issues. This time, a total of 38 children from Gifu University Education Faculty Affiliated Elementary School and those from FC Gifu Soccer School attended the event.

First, Professor Shinya Oba, Director of the Gifu Field Science Center, spoke about rice seedlings and compost. While showing them to the children, he explained the differences of green rice seedlings and white albino mutation seedlings. He also referred to the use of cattle feces and animal carcass for compost. Children were surprised by his explanations and were all ears to what he had to say. Later, the children and their parents entered the muddy field. While letting out a big cheer, they began planting "Hatsushimo" rice seedlings at the word of command of staff.

Next, children were divided into four teams and played soccer games. Covered in mud, children were tirelessly chasing a ball caring nothing about falling to the mud.

During the event, children enjoyed catching frogs, harvesting onions and tasting vegetable soups made of crops harvested in the farm. This event gave a rare opportunity to the participants to be exposed to rich natural environment and all seemed very happy about this occasion.

In this Gifu Nice Rice Project, the participants and the FC Gifu members are scheduled to harvest the rice they planted this time, and some rice will be presented to the FC members and be sold at the farm in October under the name of "Gifu Umai" rice.





Children listening to Professor Oba



Participants planting seedlings



A total of 68 participants of rice planting including children and their parents



Children playing soccer in the mud

### Degree Awarding

Degree	Diploma Number	Name	Date of Degree Awarding	Dissertation Title
Ph.D. in Medical Sciences	Ko <sup>*1</sup> No. 1050	Keiichi Ito	May 17,2017	Differences in brain metabolic impairment between chronic mild/moderate TBI patients with and without visible brain lesions based on MRI

\*1 Completed the study of the course