

Monthly Report of Gifu University

August 2016 Vol. 708



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“Symposium on Practical Understanding about Sake and Food Culture” is held

On July 2, 2016, a “Symposium on Practical Understanding about Sake and Food Culture” was held at a Multiple-Purpose Hall of the Faculty of Applied Biological Sciences. A total of 165 people attended including administrative and teaching staff, the students of Gifu University as well as those who are related to sake brewing. The symposium was held as part of an education revitalization program called, “Practical Understanding of Sake and Food Culture” of the Faculty of Applied Biological Sciences, and it was co-hosted by the Gifu Prefecture Sake Brewing Union Association.

In the symposium, three lecturers made presentations about history, culture and research work of Japanese sake. Later the university students reported their activities about a “Gifu University Sake Project.” Many questions were raised from the audience and the symposium became a good opportunity for the participants to deepen their understanding about sake and food culture in Japan.

After the symposium, a Japanese sake tasting session began. The participants sipped a Japanese sake brand created under the “Gifu University Sake Project” and other sake brands developed by Ogaki-yoro High School and 14 sake brewing companies within Gifu Prefecture. Later they voted for their most favorite Japanese sake brand.

The “Gifu University Sake Project” has been carried out from 2013 and the project members are working hard to create another delicious Gifu University sake for this year. Please follow their endeavor for a new sake brand closely.

Lecture Themes:

Japanese Sake Tasting: Assessment of Taste and Flavor by Mr. Mihaku Sawai
(Industrial Technology Center, Gifu Prefectural Government)

Sake Cup, Sake Bottle, One-Sho Bottle (1.8 liters): Japanese People’s Sensitivity Hidden in Sake Bottles

Observations from Microbiology and Population Genetics by Professor Tohru Suzuki
(Faculty of Applied Biological Science of Gifu University)

Japanese Sake and Mold Odor by Mr. Hiroshi Iwata (National Research Institute of Brewing)



A lecturer making a presentation



A university student making a report about the Gifu University Sake Project



President Moriwaki taking part in the Japanese sake tasting session

A student recipient of a “Scholarship for Female Graduate and Undergraduate Students” of Soroptimist International of the Americas Japan Chuo Region reports to President Moriwaki

Ms. Yuki Sano, a second-year student of the United Graduate School of Veterinary Sciences was chosen to receive a “Scholarship for Female Graduate and Undergraduate Students” of Soroptimist International of the Americas Japan Chuo Region.

The Scholarship for Female Graduate and Undergraduate Students is designed to support female university students of high scholastic standing who can contribute to society in the future. Ms. Sano was chosen to be a recipient for her remarkable research activities. Those who can receive the scholarship are limited to only three people within 14 prefectures under the jurisdiction of Soroptimist International of the Americas Japan Chuo Region (Aichi, Fukui, Gifu, Hyogo, Ishikawa, Kyoto, Mie, Nagano, Nara, Osaka, Shiga, Shizuoka, Toyama and Wakayama prefectures.) Ms. Sano is the first recipient in Gifu Prefecture.

On July 5, 2016, Ms. Sano visited the President’s Office to report her acceptance of the scholarship. In the meeting, Ms. Sano said, “I would like to work harder to become truly eligible to be a recipient of the scholarship. I also want to improve my English skills for smooth communication with foreign researchers besides my research activities.”

Ms. Yukie Morikawa, President of Soroptimist Gifu gave Ms. Sano encouragement and said, “We all expect you to use the scholarship for your future success as a female researcher.” President Hisataka Moriwaki lauded her efforts and said, “It is a great honor for Gifu University to produce the first recipient of the scholarship. I hope that Ms. Sano continues to do her utmost to make her dreams come true.”



Meeting with the President



Group Photo

(from left: Professor Yasutake Shimizu of the United Graduate School of Veterinary Sciences who supervises Ms. Sano, Ms. Masako Hayashi, Vice President for the Promotion of Gender Equality & Diversity, Ms. Sano, Ms. Morikawa, President Moriwaki)

Meeting between Gifu University Officials and Senior High School Principals is held

On July 11, 2016, a meeting between the Gifu University officials and the principals of senior high schools in Gifu Prefecture was held at Gifu University. From 2006 since its creation, the meeting aims for active opinion exchange among participants concerning the current situations and possible challenges that Gifu University and the senior high schools need to address today. Through discussions, the participants are expected to deepen their understanding about the real situations of the university and the senior high schools.

On July 11, a total of 19 principals of the senior high schools in Gifu Prefecture, represented by Mr. Masami Asai (Principal of Gifu Kita Senior High School), Chair of the Gifu Prefecture Senior High School Principal Association visited Gifu University. The meeting was joined by President Hisataka Moriwaki, Dr. Satoshi Ema, Executive Director for Academic and Affiliated School Affairs (also serves as Director-General of the Organization for Promotion of Higher Education and Student Support (ORPHESS)) and 20 other board members and teaching and administrative staff of Gifu University.

In the meeting, President Moriwaki first referred to the ongoing university reform efforts and the “Gifu University’s Future Visions for the Year 2025.” Next, Professor Wang Zhigang, Vice President for Industry-Government-Academia Collaboration spoke about the programs being undertaken through industry-government-academic collaboration. After their speeches, Mr. Asai talked about the Gifu Prefectural Senior High School Revitalization Plan. Later, with Dr. Ema as a moderator, the participants exchanged opinions over university admission, job searching of the university students and human resource development programs.

After the meeting, the principals were invited to visit the Center for Advanced Die Engineering and Technology, which was newly established in April this year. There, the students who graduated from the senior high schools in Gifu Prefecture made presentations about their research work. They later commented that they felt very proud of themselves when they presented their research activities to the principals of their alma mater.

The meeting with the Gifu University officials and their visit to one of the university facilities gave the principals a significant opportunity to strengthen partnership

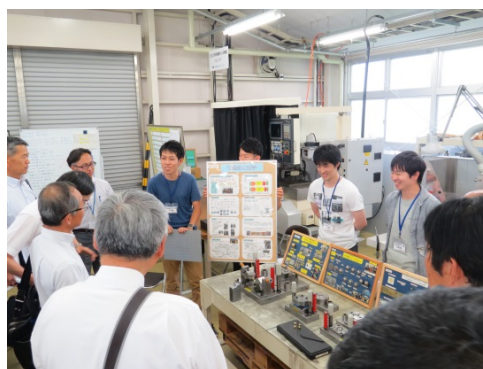
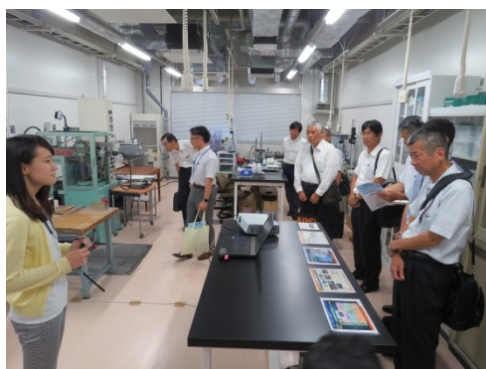
between Gifu University and senior high schools in Gifu Prefecture.



President Moriwaki making an opening address



Mr. Asai giving a speech



Students explaining to the principals at the Center for Advanced Die Engineering and Technology

Mr. Ryoichi Akamatsu, a Third-year Student of the Faculty of Education won Fourth Prize at the 100th Japan National Championships

On June 26, 2016, Mr. Ryoichi Akamatsu, a third-year student of the Faculty of Education won fourth prize in the male high jump category at the 100th Japan National Championships held at Nagoya, Aichi Prefecture. Mr. Akamatsu was practicing hard at the University's Track Club, and successfully jumped 2.2 meters at the Championships.

On July 12, Mr. Akamatsu paid a courtesy call on President Hisataka Moriwaki at the President's Office and reported his winning. In the meeting, they talked about Mr. Akamatsu's daily training and his future goals. Mr. Akamatsu said, "While studying to become a senior high school teacher, I want to continue to practice for the next track and field competition in autumn." Professor Kenichi Harada of the Faculty of Education and a coach of the Track Club referred to Mr. Akamatsu's strenuous efforts and said, "Within limited time, equipment and facility, Mr. Akamatsu did his best and his efforts really paid off."

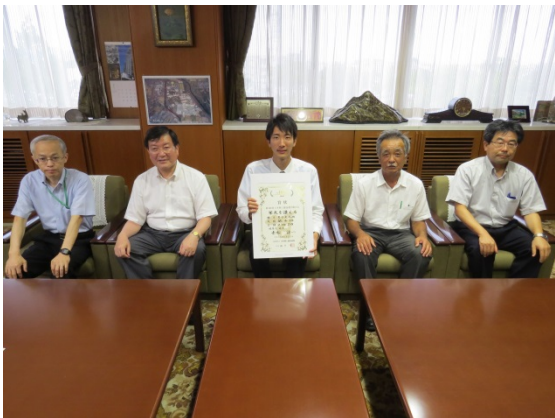
President Moriwaki gave the following encouragement to Mr. Akamatsu; "I would like to give you my utmost respect to your hard-working in spite of your busy study schedule. I sincerely hope that your efforts will bear a lot of fruits in the next competition in autumn and beyond."

On July 3, Mr. Akamatsu won third prize at the 69th Prince Chichibu Cup for West Japan Student Track & Field Championship (West Japan Intercollegiate Track & Field Games) held in Kyoto by producing a record of jumping 2.18 meters high. He also won first prize at the 84th Emperor's Cup for Japan Student Athletics Interscholastic Championships (Japan Intercollegiate Track & Field Games) in September last year. With his remarkable records in high-jumping, Mr. Akamatsu is selected to be one of the candidate athletes to receive special training for the Olympic Games.

Mr. Akamatsu's future success and achievements will become the center of attention for everyone for the days to come.



Meeting with the President



Group photo

(from left: Mr. Masaki Yokoyama, Executive Director

President Moriwaki

Mr. Akamatsu

Professor Harada

Mr. Minoru Kakizawa, Senior Manager of the Student Affairs Department)

***Nohgaku* Workshop for International and Japanese Students is held**

On July 13, 2016, the International Student Center opened *Nohgaku* (*Noh* and *Kyogen* Japanese traditional performing art) Workshop for international and Japanese students at Yanagido-kaikan Hall in conjunction with the Gifu University Head Office for Globalization (GHOGL). Around 80 people joined including the summer school students, international and Japanese students, teaching and administrative staff as well as local residents. Mr. Madoka Mikaka and Mr. Hiromichi Tamoi who perform *Noh* dramas as main actors called “Shite” in Kanze School*¹, and Mr. Kodo Yamaguchi and Mr. Yoshinobu Shigeyama, both of whom are *Kyogen* drama performers in Okura School*², were invited to the Workshop as instructors.

First, the instructors played one of the representative *Noh* drama called “Shakkyo” before the audience. After the performance, they made self-introduction and talked about the history and performances of *Noh* and *Kyogen*, as well as big differences between serious *Noh* plays and comic *Kyogen* plays.

When the instructors showed four masks for *Noh* and *Kyogen*, the audience was surprised by big differences in facial expressions of those masks depending on which angles people look at. Many unique aspects of a *Kyogen* mask also evoked laughter among the audience.

The participating students practiced how to cry in *Noh* and how to bursts out laughing in *Kyogen*. In chanting “Takasago” story, the participants gave a laughter so loudly that even instructors were impressed by their performance.

In “Neongyoku” in *Kyogen*, people’s chuckles gradually grew into a huge laughter and reverberated throughout the entire Hall. All participants were given a rare opportunity to experience the Japanese traditional culture throughout the body.

At the end of the workshop, the instructors helped a summer school student put on traditional *Noh* kimono. There were two different types of kimono. One was a formal, gorgeous kimono for *Noh* plays. The student appeared on stage wearing the kimono and a special wig. The other kimono represented a menacing demon.

This *Nohgaku* Workshop of Gifu University offers an invaluable opportunity for people to watch one of the time-honored Japanese cultural activities under the instructions of professional performers. To our surprise, there was more participation by the local

residents than we expected for the Workshop on July 13.

The International Student Center and GHOGL continue to hold a number of programs for Japanese culture and traditions, and will disseminate their attractions both on and off campus in the days to come.

*1: There are five “Shite” schools in *Noh*: Kanze, Hosho, Kanparu, Kongo and Kita.

*2: There are two schools in *Kyogen*: Okura and Izumi.



Instructors on stage



Explanation about a *Noh* mask



Practice a “loud laughter” together Dressing up in *Noh* kimono



Group photo

Symposium for “Empowerment of Women and Regional Revitalization

～Enterprises that invest in people and develop local communities～”

On July 19, 2016, the Symposium for “Empowerment of Women and Regional Revitalization ～Enterprises that invest in people and develop local communities” was held in Gifu City as part of “Initiative for Implementation of Diversity Research Environment (Collaboration Type).”^{*} This Initiative has been promoted by the four institutions, Gifu University, Gifu Pharmaceutical University, Gifu Women’s University and API CO., Ltd., and is sponsored by Japan’s Ministry of Education, Culture, Sports, Science and Technology (MEXT).

Under the Initiative, Gifu University has been teaming up with these three institutions to support women researchers with an eye to empowering women and revitalizing regional communities.

In the symposium, first, Ms. Masako Orii, Executive Director of Suntory Wellness Limited gave a keynote speech and she spoke about the gender diversity research environment of Suntory Holdings Limited.

Next, with Professor Masako Hayashi, Vice-President for the Promotion of Gender Equality and Diversity of Gifu University as a moderator, a panel discussion started. Ms. Orii, Ms. Yuko Suzuki, Chief of the Children and Women’s Affairs Bureau, Gifu Prefecture, Professor Hideaki Hara, Vice President of Gifu Pharmaceutical University and Ms. Junko Morita, Managing Director of Gifu Broadcasting System, Inc. exchanged opinions on stage about the given themes.

About 380 people joined the symposium and some of them later commented about the symposium as follows: “The importance of gender diversity research environment is more or less the same whether it is at major corporations in big cities or medium-and-small size corporations in regions,” “I strongly felt the necessity to change mindset of women and attitudes about business careers.” The symposium gave people a great momentum to think about how to advance gender diversity research environment through partnership among enterprises, universities and local municipalities.



Ms. Orii delivering a keynote speech



Panel discussion

***"Seiryu-no-kuni (Pure Water Country) Gifu Women Support Project"*

"Seiryu-no-kuni (Pure Water Country) Gifu Women Support Project" is part of the MEXT's "Initiative for Implementation of Diversity Research Environment (Collaboration Type)." The project aims to reinforce research activities of women researchers through unique partnership among Gifu University, Gifu Pharmaceutical University, Gifu Women's University and API CO., Ltd., and their joint research programs. It is also designed to revitalize local communities by enhancing mobility of women researchers within regions and securing workplaces for them. The project is expected to increase percentage of women researchers in workplace and their assignment for higher positions at universities (positions equal to or higher than lecturers or associate professors) by executing "positive actions" such as collaboration type joint research projects, open recruitment of female teaching staff and leadership education programs.

The 4th Press Conference by the President in 2016

On July 20, 2016, Gifu University held the 4th Press Conference by the President.

First, President Hisataka Moriwaki spoke about “the new Center for Advanced Die Engineering and Technology of the Organization for Research and Community Development” and “the Tokai-Hokuriku Composite Highway Consortium 2016” in association with the Gifu University’s “Future Vision for 2025.”

Next, Professor Minoru Yamashita, Director of the Center for Advanced Die Engineering and Technology and Professor Asami Nakai, Vice Director of the same center explained the newly established Center for Advanced Die Engineering and Technology.

In Gifu University, the former Center for Advanced Die Engineering and Technology carried out many research activities in die engineering and provided practical training for the students. The Composite Materials Center on the other hand, was making composite materials into materials applicable to manufacturing for the local industry. In considerations of growing social needs and to reinforce technology development of local manufacturers, Gifu University established the new Center for Advanced Die Engineering and Technology by integrating the two centers.

The new Center for Advanced Die Engineering and Technology will further promote education and research programs, and make greater contributions to advancing technology and product development for local manufacturers.



President Moriwaki explaining the Future Vision



Professor Yamashita making a speech

Members of the United Graduate School of Agricultural Science visits Taiyo Kagaku CO., Ltd.

On July 21, 2016, the members of the United Graduate School of Agricultural Science (UGSAS, the two participating universities; Gifu University and Shizuoka University) made a factory inspection of Taiyo Kagaku CO., Ltd. (located at Yokkaichi City, Mie Prefecture). A total of 27 people (23 students and 4 teaching and administrative staff) joined the tour.

In UGSAS, there is an “Industry Subcommittee” made up of seven companies in the Tokai Region specializing in biological and environmental science. Its objective is to cultivate highly-skilled professionals. One of the member companies, Taiyo Kagaku CO., Ltd. kindly offered the UGSAS members an opportunity to inspect its factory.

After arriving at the company, the participants first got briefed on the overview of the company from Dr. Mahendra P. Kapoor (from India). Then, they were divided into two groups and inspected the factory. In the factory, they observed how eggs and vegetables were shredded into pieces as well as the processing of fruits for new food items.

After the inspection, the participants asked many questions of the company staff concerning the work details, and also talked about things they were most impressed in the tour.

The participants later answered questionnaire and the results showed that most of them are wishing to continue to join this kind of inspection tour in the future.

Every participant spent very fulfilling time during their visit to Taiyo Kagaku CO., Ltd.



Dr. Mahendra P. Kapoor making a presentation



One of the participants raising a question



Group photo before Taiyo Kagaku CO., Ltd.

The Faculty of Education and Gifu City sign a “Memorandum of Understanding on Partnership for Promotion of Consumer Education”

On July 25, 2016, the Faculty of Education of Gifu University and Gifu City signed a “Memorandum of Understanding on Partnership for Promotion of Consumer Education.”

Gifu University concluded a comprehensive partnership agreement with Gifu City in 2008, and based on this agreement, the two signed the new MOU.

Gifu City has formulated a five-year plan for promoting Gifu City consumer education starting from 2016. In accordance with this plan, a variety of consumer education programs will be implemented in order to facilitate consumer independence, and help people understand and raise their awareness about the importance of consumers’ active involvement in creation of a “consumer-oriented society.” The new MOU aims to drive consumer education forward through close cooperation between Gifu City and the Faculty of Education.

Specifically, Gifu City and the Faculty of Education will jointly conduct research work for consumer education, and the students of the Faculty who are intending to become teachers, will engage in various activities of consumer education in classes in the hope that they will become able to provide consumer education for the next generation.

The Six Parties signed an “Industry-Government-Academia Partnership for Hydrogen-Based Society.”

On July 26, 2016, Gifu University signed an “Industry-Government-Academia Partnership for Hydrogen-Based Society” with five parties at the Gifu Prefectural Government building. They are: Gifu Prefecture, Yaotsu Town, Seiryu Power Energy, CO., Ltd., Morimatsu Industry CO., Ltd. and Brother Industries, Ltd.

In anticipation of the advent of hydrogen-based society, this partnership aims to build a “local production for local consumption energy system” using hydrogen generated from renewable energy sources, while promoting various research and development activities, social experiments, etc. through collaboration among industry, government and academia. It also targets regional revitalization by creating new business and increasing employment opportunities.

With Yaotsu Town as a model town, the six signatory parties agreed with building a new local production for local consumption energy system and striving for creation of local businesses and job opportunities in the future.



Representatives of the six parties

(from left: President Hisataka Moriwaki of Gifu University, Mr. Masanori Kaneko, Mayor of Yaotsu Town, Mr. Hajime Furuta, Governor of Gifu Prefecture, Mr. Yasuhiro Sakai, President of Seiryu Power Energy, CO., Ltd., Mr. Nobuo Matsuhisa, President of Morimatsu Industry CO., Ltd. and Mr. Matsumoto, General Manager of Brother Industries, Ltd.)

“Hirui Otsuka Ancient Burial Mound Exhibition Space” is set up at Gifu University Hayano Residence Seminar House

“Hirui Otsuka Ancient Burial Mound Exhibition Space” is set up at Gifu University Hayano Residence Seminar House.

It is known that Hirui Otsuka Ancient Burial Mound was built more than 1,600 years ago, and is considered the largest keyhole-shaped tomb mound within Gifu Prefecture. The Mound is a five-minute walk from the Seminar House.

In cooperation with the Culture Promotion Division, Board of Education, Ogaki City, a total of 386 excavated artifacts (clay figures, balls, earthenware, etc.) are on display and three panels will soon introduce the overview of the Mound and unearthed articles to visitors.



Excavated articles shown in a glass case



Exhibition Space (three panels will be soon set up)

2016 Gifu-U/IITG & Gifu-U/UKM Joint Symposium is held

On August 1, 2016, the Gifu University Head Office for Globalization (GHOG) co-hosted the 2016 Gifu-U/IITG & Gifu-U/UKM Joint Symposium with the Faculty of Applied Biological Sciences, the United Graduate School of Agricultural Science and the Faculty of Engineering under the title, “Applied Science and Technology of Bio-related Materials.” The delegates from the Indian Institute of Technology, Guwahati (IITG) and the Universiti Kebangsaan Malaysia (UKM), both of which are the partner universities for the international joint degree programs*¹ of Gifu University, were invited for this joint symposium and they worked out the details of the joint degree programs.

In the symposium, Professor Kohei Nakano, Vice Dean of the United Graduate School of Agricultural Science and Professor Bishnupada Mandal, Head of Department of Chemical Engineering of IITG delivered keynote speeches, which was followed by the presentations by 21 researchers from 3 universities. A total of 58 people including professors, students and international students joined the symposium.

Professors specializing in life science and material engineering actively exchanged opinions and deepened their understanding with one another through a number of academic discussions. They also confirmed great potential of vigorous student exchange and all spent quite meaningful and productive hours during the sessions.

The courtesy visit to President Hisataka Moriwaki by the delegates of IITG and UKM was made at the Office of the President on the sidelines of the symposium on August 1. In the meeting, international exchange programs, acceptance of international students and other activities of these two universities were introduced. They enjoyed talking for a while in quite a friendly atmosphere.

On August 2, discussions about a start of the international joint degree programs were held among the delegates of two universities and the representatives of Gifu University. At the end of discussions, they reached a basic framework agreement including course titles, assignments of coordinators, etc. toward an official start of the international joint degree programs in 2019.

*¹ International Joint Degree Programs: degree programs at the graduate schools jointly implemented between partner universities overseas and Gifu University



Group photo in front of the United Graduate School of Agricultural Science building
 President Moriwaki (right) and Director Gautam Biswas of IITG at Gifu University
 Satellite Campus after the meeting



Group photo at the Office of the President
 (from left at front row) Dr. Vimal Katiyar, Program Coordinator (IITG)
 Dr. Rakhi Chaturvedi, Associate Dean, Alumni Affairs &
 External Relations (IITG)
 Professor Bishnupada Mandal (IITG)
 President Moriwaki
 Professor Dr. Ishak Ahmad, Deputy Director, Strategic Planning
 and Academic Quality (UKM)
 Assoc. Prof. Ir. Dr. Nasharuddin Zainal (UKM)

Degree Awarding

Degree	Diploma Number	Name	Date of Degree Awarding	Dissertation Title
Ph.D. in Medical Sciences	Ko ^{*1} -No. 1027	Fumihiko Kamiya	July 20,2016	3-D computed tomographic airway analysis detects mild bronchiectasis in Mycobacterium avium complex pulmonary disease

*1 Completed the study of the course

Foreign Researchers Accepted by Gifu University in July

Faculty	Name (Country)	Title, University	Period	Research Title
Faculty of Engineering	Farida Kurniawati (Indonesia)	Senior Analyst, National Agency of Drug and Food Control Indonesia	2016/7/25~ 2016/7/29	Determination of inorganic ions in drug and food products using capillary liquid chromatography
Faculty of Engineering	Attin Rachmawati (Indonesia)	Junior Analyst, National Agency of Drug and Food Control Indonesia	2016/7/25~ 2016/7/29	Determination of inorganic ions in drug and food products using capillary liquid chromatography