

# Monthly Report of Gifu University

April 2015 Vol.692



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## **Degree Awarding Ceremony for Gifu University and the Graduate Schools of Gifu University**

The 63<sup>rd</sup> degree awarding ceremony for undergraduate students and the 2015 degree awarding ceremony for graduate students were held at Nagaragawa Convention Center on Wednesday, March 25, 2015.

President Hisataka Moriwaki offered the following message to the departing students: You have studied the concepts of advanced, basic and applied sciences in the faculties and master's and doctoral courses of Gifu University. The results of your studies will never remain only in the fields of the faculties and those courses. You can generally apply the results to the fields of humanities, social sciences and natural sciences and develop them further. I hope you will build your careers with the wisdom acquired in Gifu University and with the will to extensively contribute to human beings.

Dr. Shingo Katsuno, President of Gifu Pharmaceutical University delivered a congratulatory speech on behalf of the guests.

The number of students who are awarded is as follows:

- Faculty of Education – 252
- Faculty of Regional Studies – 117
- School of Medicine – 175
- Faculty of Engineering – 559
- Faculty of Applied Biological Sciences – 200
  
- Master's Degree, Graduate School of Education – 48
- Professional Degree, Graduate School of Education – 20
- Master's Degree, Graduate School of Regional Studies – 15
- Master's Degree, Nursing Sciences, Graduate School of Medicine – 4
- Master's Degree, Graduate School of Medicine – 8
- Master's Degree, Graduate School of Engineering – 287
- Master's Degree, Graduate School of Applied Biological Sciences – 74
- Doctoral Degree, Graduate School of Medicine – 21
- Doctoral Degree, Graduate School of Engineering – 16
- Doctoral Degree, United Graduate School of Drug Discovery and Medical Information Sciences – 1

During the ceremony, President Moriwaki also honored the 18 students for their outstanding academic achievements during their study at Gifu University in accordance with the President's Commendation Rules.



## President's address

March 25, 2015  
Hisataka Moriwaki  
President, Gifu University

Let me begin by offering my sincere congratulations to the students who are graduating from Gifu University today, as well as the faculty members who have guided and instructed the students towards this day. Also in this venue, many of the students' families and those who have supported their school life are present. Seeing this truly outstanding scene for the commencement, I feel even more enthused about offering my congratulations.

Gifu University was founded in 1949 and its predecessor goes back to the "Gifu Prefectural Normal School," established in 1873. Our University has a history of more than 140 years and has produced so many outstanding alumni. They are playing active roles in various fields, in educational institutions, corporations and administrative organizations in Japan and overseas. The faculties and graduate schools of Gifu University are highly evaluated not only in Japan, but also internationally and it is all because of the activities of our alumni. All of you, who have earned your diplomas today, will also join in such activities. I would like to emphasize that the true evaluation of yourselves will depend on how you play a role within society in the future.

As a faculty member, I increasingly feel that no matter where we stand and no matter what the development stages we are in, the basis that supports a country, particularly a country that has scarce resources such as Japan is, essentially education. Of course, the focus of education in each academic field changes with time and the emphasis in academic fields themselves will continue to change in the future.

Furthermore, the prospect for what we should share and how we should share it has become indispensable, not only from the viewpoint of one local area and one country, but also from an international viewpoint. I wish all of you consider what social contribution you can make on a global scale, without limiting yourselves to your own research themes and your future plans.

In particular, as to international contribution, as our country is right in the middle of internationalization efforts in extensive fields and consistency with international standards has become a pressing matter in various areas. Meanwhile, if we lose such a perspective, we will not be accepted under international standards, which is well-expressed by the words "Galapagos Syndrome."

You have studied the concepts of advanced, basic and applied sciences in the faculties and master's and doctoral courses of Gifu University. The results of your studies will never remain only in the fields of the faculties and those

courses. You can generally apply the results to the fields of humanities, social sciences and natural sciences and develop them further. I hope you will build your careers with the wisdom acquired in Gifu University and with the will to extensively contribute to human beings.

After receiving a truly advanced, professional education or leading-edge research education, you were conferred the diploma today. Therefore, today is a memorable day when you will start your contributions to society, international communities and humanity as a whole. I hope you all live fulfilling lives with high goals without merely adhering to the areas you have studied at the University. In concluding my address, I would like to say that I am heartily looking forward to seeing and hearing about your activities from somewhere on the planet, regardless of whether it is in the near or distant future.

## **The Degree Awarding Ceremony for the United Graduate School of Agricultural Science and the United Graduate School of Veterinary Sciences**

The Degree Awarding Ceremony of the United Graduate School of Agricultural Science (UGSAS) and the United Graduate School of Veterinary Sciences (UGSVS) was held at the Gifu University Auditorium on Friday, March 13, 2015.

The number of students who were awarded is as follows:

- Doctoral Degree, UGSAS – 10 students
- Doctoral Degree, UGSVS – 12 students
- Doctoral Degree (by thesis), UGSVS – 2 students

During the ceremony, President Hisataka Moriwaki also honored the two students for their outstanding academic achievements during their study at Gifu University in accordance with the President's Commendation Rules.



## Open Lecture “Infectious Diseases of Serious Concerns”

The Graduate School of Veterinary Sciences held an open lecture entitled “Infectious Diseases of Serious Concerns” at the Satellite Campus of Gifu University on Monday, March 2. Dr. Ayato Takada of Hokkaido University Research Center for Zoonosis Control, and Associate Dr. Takeshi Kurosu of Research Institute for Microbial Diseases, Osaka University, gave presentations on infectious diseases. Around 60 people in and around Gifu City and university officials attended the lecture. Some came from as far as Tokyo to join the lecture.

Under the title of “Ebola Hemorrhagic Fever: Current Status and Research Frontline”, Dr. Takada underscored the necessity of further investigation into the Ebola hemorrhagic fever as the world is waiting for unraveling the mystery of possible natural host of Ebola virus, transmission routes, prevention, treatment and diagnosis. Dr. Kurosu spoke about dengue fever under the title of “Dengue Fever Rages on – Why Now?” He explained transmission of dengue fever among dogs and cats, transmission from dogs and cats to humans, differences between dengue fever and filariasis\* of dogs, and severity of dengue fever inflicting humans.

Question and answer session followed after the presentations and the participants raised many questions about these infectious diseases which are posing a great threat to everyone today. The participants were given a rare opportunity to gain some valuable insight and understanding about the diseases.

\*filariasis: mosquito-borne parasitic disease



Dr. Takada makes a presentation

## **Delegation from Northern Kentucky University Visits Gifu University**

Ms. Sue Ott Rowlands, Provost and Executive Vice Provost for Academic Affairs, and Dr. François Le Roy, Executive Director of the International Education Center of Northern Kentucky University, visited Gifu University on Friday, March 6.

Northern Kentucky University and Gifu University concluded an agreement on student and faculty exchanges on October 1, 1990 and bilateral exchanges between the two universities have been thriving through study abroad and summer school programs ever since. Ms. Rowlands was making her first official visit to Gifu University, but Dr. Le Roy delivered a speech here entitled “Greater Cincinnati and Japan” in November 2012.

The major objectives of their visit to Gifu University this time were to renew the partnership agreement for another five years until October 1, 2020 and to discuss student exchange programs.

Firstly, Ms. Rowlands and Dr. Le Roy made a courtesy visit to the office of Dr. Fumiaki Suzuki, Executive Director and Vice President for International Affairs and Public Relations. After greetings were exchanged, Ms. Rowlands and Dr. Suzuki signed the agreement papers.

After meeting with Dr. Suzuki, the two delegates visited the Faculty of Education and had a lively conversation with five students who have studied, or are going to study, at Northern Kentucky University. They also spoke with two students from Northern Kentucky University who are currently enrolled at Gifu University. Ms. Ott Rowlands and Dr. Le Roy later visited the office of Professor Naotake Iketani, Dean of the Faculty of Education, where they discussed the facilitation of student and faculty exchanges. This discussion was joined by Professor Toru Tatsumi, the coordinator of the exchange program. In addition, the two delegates had a chance to talk with Associate Professor Momoko Tsuchiya of the International Student Center about the implementation of summer school programs (the acceptance of international students) during their visit.





(from left) Professor Toru Tatsumi  
Ms. Sue Ott Rowlands  
Dr. Fumiaki Suzuki  
Dr. François Le Roy



Exchange with the students

## **Exchange Agreement with Srinakharinwirot University Concluded**

On Tuesday, March 17, 2015, the Faculty of Education of Gifu University and the Faculty of Education of Srinakharinwirot University, Kingdom of Thailand concluded the Academic Exchange Agreement to promote systematic and effective exchanges among researchers in teacher training and information exchange on educational research. The Faculty of Education of this state-run Srinakharinwirot University has one of the longest histories in teacher training in Thailand.

The signing ceremony was held at the Faculty of Education, Gifu University. The attendees included:

(Srinakharinwirot University)

Ms. Prapansiri Susaorat, Dean of the Faculty of Education

Mr. Siriparn Sriwanyong, Associate Dean for Research and International Relations

Ms. Rungtiwa Yamrung, Associate Dean for Academic Affairs

(Gifu University)

Professor Naotake Iketani, Dean of the Faculty of Education

Professor Shinya Oba in the Faculty of Applied Biological Sciences, a liaison for Srinakharinwirot University

After presentations by the deans of each university, Ms. Prapansiri Susaorat and Prof. Naotake Iketani signed the agreement. Later, they exchanged opinions concerning special features and characteristics of the universities and future exchange plans.

Prior to the conclusion of the agreement, the delegation of Srinakharinwirot University was invited to inspect the Gifu University Faculty of Education Affiliated Elementary and Junior High Schools on Monday, March 16. They also had a chance to visit multiple schools for children with special needs within Gifu Prefecture on March 17 and 18 thanks to the kind arrangements by the Gifu Prefecture Board of Education.

In Thailand, teacher training for children with special needs is a huge challenge. Thus, the latest agreement is expected to bring about a lot of positive results in teacher training for children with special needs in Thailand through active exchanges of researchers and students and studies on education programs. At the same time, many

students of the Faculty of Education, Gifu University can benefit from the agreement in their efforts to become teachers with a global vision in the near future.



Signing Ceremony

## **Memorandum of Understanding on the Environment Concluded with FC Gifu**

Gifu University concluded the “Memorandum of Understanding (MOU) on the Environment between Gifu University and FC Gifu” with the Gifu Football Club Co., Ltd. on Wednesday March 18, 2015.

This MOU aims to promote mutual collaboration for environmental conservation in the following categories in order to contribute to regional growth and foster more ecologically-minded people:

- promotion of environment preservation activities
- regional contribution in the field of environment
- raising public awareness for environmentalism
- mutual use of human resources and facilities

The signing ceremony was held at Gifu University. The attendees from Gifu University were: President Hisataka Moriwaki, Mr. Masaki Yokoyama, Executive Director for General Affairs & Finance, the Soccer Club coach and 22 university students who are supporting FC Gifu. From FC Gifu, Chairman Satoshi Onda and Mr. Yoshiaki Kaneko, Vice Director were in attendance.

President Moriwaki and Chairman Onda signed the MOU, then, Mr. Yokoyama explained the background of the partnership between the two institutions which culminated in the conclusion of the MOU, this time to the audience.

“Gifu University has declared itself as an environmentally-friendly university. Instead of limiting our environmental activities to within the campus, we hope to contribute to local regions regarding the environment through collaboration with FC Gifu, a strong advocate of the environment,” said President Moriwaki. In response, Mr. Onda spoke about his intentions to return the favor to Gifu Prefecture for its continued, ardent support through joint activities with the community-oriented Gifu University.

With the objectives of the MOU in mind, the two agreed to examine each one of the activities and accelerate environmental conservation, particularly focusing on local communities through mutual cooperation between Gifu University and FC Gifu.



President Moriwaki shakes hands with Mr. Onda, Chairman of FC Gifu

## **Gifu University Exchange Students take part in Ogaki Kita Senior High School’s “Super Global High School (SGH)” Project**

At the request of Gifu Prefectural Ogaki Kita Senior High School, Gifu University is taking part in the school’s “Super Global High School (SGH)”\* project which is sponsored by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan. This time, the first grade senior high school students had their English essays corrected by the exchange students of Gifu University who are from English-speaking countries.

On Thursday, March 19, group presentations were made in English by the high school students at Ogaki Kita Senior High School. On behalf of the exchange students who proofread their essays, three were invited to attend the presentations. They are all from Gifu University’s overseas partner universities: one is from San Diego State University and the other two are from Northern Kentucky University (NKU).

During the presentations, the three were intently listening to each speaker, and made questions and comments afterwards. At the end of the session, the exchange students spoke about their impressions and gave the high school students some useful tips for studying English.

Ogaki Kita Senior High School officials offered their deep appreciation to the exchange students for their kind cooperation and contribution to the project. In return, three exchange students expressed their great joy over mingling with the high school students.

The meeting between Gifu University exchange students and Ogaki Kita Senior High School students provided us with one of the successful examples of SGH project.



Ms. Hughes from NKU gives advice to the high school students

\*The Super Global High School (SGH) Program aims to foster global leaders who will play an active role in the world through education at high schools and other institutions.

Ogaki Kita Senior High School is certified as Super Global High School by the MEXT

## **Two New Agreements with Gifu Prefecture**

Gifu University and Gifu Prefecture concluded two new agreements on Friday, March 30, 2015 for the purpose of reinforcing cooperation in the fields of disaster prevention and medicine.

One of the agreements is about the Gifu Disaster Mitigation Center and the agreement stipulates the establishment of the Center within the premises of Gifu University. Mr. Masata Sugito, Executive Director for Planning, Evaluation and Fund of Gifu University shall assume the post of Director of the Center. The Center is jointly established by Gifu University and Gifu Prefecture and is expected to serve as a think tank for disaster prevention and reduction efforts of Gifu Prefecture. Specifically, the Center develops human resources, provides technological assistance and conducts research and studies on natural disasters in the interests of Gifu Prefecture.

The other agreement is about the “Chronic Kidney Disease (CKD) Medical Endowment Course” and it aims to open the endowment course at Gifu University to enhance medical standards by increasing the number of doctors for treatment of kidney-related ailments, research and study of preventive medicine and by raising public awareness of kidney disease.

In the signing ceremony held at Gifu University, the Governor of Gifu Prefecture, Mr. Hajime Furuta said, “We expect the Gifu Disaster Mitigation Center to play a crucial role in safeguarding the prefectural lands and securing the safety of the people of Gifu Prefecture.” President Hisataka Moriwaki replied, “We would like to create a safer, better environment for the people of Gifu Prefecture in conjunction with the prefectural government.”





President Moriwaki shakes hands with the Governor Furuta after the signing ceremony

## **Two Professors of the United Graduate School of Agricultural Science visit Chulalongkorn University, Thailand**

Professor Tohru Mitsunaga, Vice Dean of the United Graduate School of Agricultural Science (UGSAS) and Associate Professor Kohei Nakamura of the Faculty of Applied Biological Sciences visited Chulalongkorn University, Thailand from Sunday, March 22 to Tuesday, 24, 2015. The major objectives of their visit are to deliver a lecture and to discuss implementation of the Dual PhD Degree Program (DDP) between the two institutions.

In the meeting, Associate Professor Nakamura gave a lecture entitled, “Research on Anaerobic Prokaryotes-Prokaryotic Communities in Alkane Degradation coupled to Methanogenesis and Microbial Fuel Cells.” Next, Professor Mitsunaga gave an overview of UGSAS and also explained the Japanese government scholarship programs. Dr. Naraporn Somboona, Assistant Professor, Department of Microbiology of Chulalongkorn University kindly served as a facilitator throughout the meeting. Around 20 undergraduate students and postdoctoral students were intently listening to the presentations of Associate Professor Nakamura and Professor Mitsunaga.

During their visit to Chulalongkorn University, the two professors held multiple discussions with their counterparts over the DDP and they agreed with the participation of the Department of Microbiology of Chulalongkorn University in the DDP.

It is hoped that Professor Mitsunaga and Associate Professor Nakamura’s latest visit to Chulalongkorn University will further strengthen cooperation between Gifu University and Chulalongkorn University in the fields of education and research activities in the years to come.



Lecture by Associate Professor Nakamura at Chulalongkorn University

## **Comprehensive Partnership Agreement with Daily Newspaper Gifu Shimbun**

Gifu University concluded a comprehensive partnership agreement with the Daily Newspaper Gifu Shimbun on Monday, March 23, 2015.

Potential areas of cooperation in human resource development and regional redevelopment include:

- Personnel exchanges between the teaching and administrative staffs and the students of Gifu University, and the employees of the Daily Newspaper Gifu Shimbun
- Lecture presentations, internship programs, joint research activities, and training sessions
- Exchanges of information about society and social trends in local communities
- Promotion of life-long learning
- Presentation of seminars, symposia, and research meetings
- Human resource development and regional revitalization in local communities

“We are eager to share the unique research and international activities of Gifu University with the world,” said Mr. Hiroshi Usui, President of the Daily Newspaper Gifu Shimbun. In response, President Hisataka Moriwaki emphasized, “We need to energize local regions by forming consortiums not only in the form of industry-government–academia alliances, but also with financial institutions, labor organizations, and the press. We look forward to rebuilding our region together through this partnership agreement. It is a major step forward.”



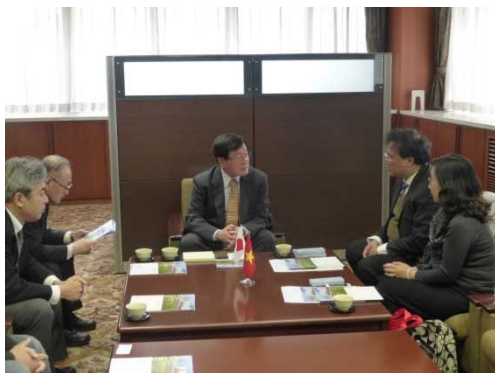
President Moriwaki shakes hands with Mr. Usui, President of Daily Newspaper Gifu Shimbun

## **Delegation from Thuyloi University, Viet Nam makes a courtesy visit to President of Gifu University**

Dr. Nguyen Canh Thai, Vice Rector and Ms. Pham Hong Nga, Head, International Cooperation Department of Thuyloi University, Viet Nam visited the office of president and held a meeting with President Hisataka Moriwaki on Monday, March 23, 2015. The meeting was joined by Dr. Fumiaki Suzuki, Executive Director for International Affairs and Public Relations, Dr. Masateru Senge, Dean of the United Graduate School of Agricultural Science (UGSAS), Professor Tohru Suzuki of UGSAS and Associate Professor Kohei Nakano of the Faculty of Applied Biological Sciences.

In the meeting, the delegates presented a summary of Thuyloi University including the current state of partnership with Japanese universities, inbound and outbound exchange student programs. Active opinion-exchanges and information-sharing among the participants followed.

After the meeting, the delegates visited the UGSAS building and discussed future implementation of educational programs and activities with professors and researchers of UGSAS.



Meeting with the President

## **Faculty of Applied Biological Sciences Signs Partnership Agreement with Ministry of Agriculture, Forestry and Fisheries**

The Faculty of Applied Biological Sciences of Gifu University signed a partnership agreement with the two departments of the Tokai Regional Agricultural Administration Office, a branch bureau of the Ministry of Agriculture, Forestry and Fisheries on Friday, March 27, 2015. The two departments are the Rural Planning Department and the Rural Infrastructure Department. The Faculty of Applied Biological Sciences and the Rural Planning Department have forged a long-standing relationship over the years, and this partnership represents the fruition of this relationship.

This Partnership Agreement aims to develop and promote agriculture in the Tokai Region\* by combining Gifu University's expertise and achievements in education and its research activities with the rural development measures and policies that the Tokai Regional Agricultural Administration Office is implementing.

A total of nine people attended the signing ceremony held at Gifu University. The attendees of Gifu University were: Dr. Hirokazu Fukui, Dean of the Faculty of Applied Biological Sciences, and Dr. Masateru Senge of the same Faculty. The Tokai Regional Agricultural Administration Office was represented by Mr. Arakawa, Director of the Rural Planning Department, and Mr. Shimomai, Director of the Rural Infrastructure Department.

Speaking at the ceremony, Dr. Fukui said, "We hope that through this partnership agreement, we will be able to work closely together to benefit our community. For example, Gifu University researchers can assist local farmers and respond to their needs. In return, the Tokai Regional Agricultural Administration Office can offer students at Gifu University an opportunity to learn about rural development policies and programs at first-hand."

Mr. Shimonai then expressed his hopes about collaborations with Gifu University: “An aging farming population and increasing idle acreage are major challenges for Japanese agriculture today. On this regard, we need to secure top-class personnel and establish credible technologies to stem further erosion of our country's agriculture. I believe that our partnership represents a first step in addressing these profound challenges in the years to come.”

\*Tokai Region: collective name for Gifu, Mie and Aichi prefectures



Group photo session after the signing ceremony

## Gifu University Head Office for Glocalization (GHOGL) Kickoff Meeting Starts

Gifu University established the Gifu University Head Office for Glocalization (GHOGL), and to commemorate the establishment, the GHOGL Kickoff Meeting convened on Wednesday, April 1, 2015. Under the strong leadership of President Hisataka Moriwaki, about 20 members will make plans for Gifu University glocalization strategies and will integrate institutional research (IR) functions.

The major objective of GHOGL is to cultivate global leaders after their studies at graduate schools through internship programs, career building opportunities and advice from experts offered and arranged by local companies in Japan and abroad. To this end, Gifu University asks cooperation from overseas partner universities for this initiative.

GHOGL will serve as a “central command center” for glocalization by analyzing the outcomes of international activities, implementing joint degree programs with overseas universities and providing health check services for international students.

In the Kickoff Meeting, the Director of GHOGL, Dr. Fumiaki Suzuki, Executive Director for International Affairs and Public Relations explained the purposes of GHOGL and pledged that he would hold a GHOGL meeting every time officials of the partner universities visit Gifu University and share information inside and outside of Gifu University.

President Hisataka Moriwaki concluded the meeting with this message: We all need to envision the state of Gifu University’s internationalization a decade later. It is hoped that our continued efforts for internationalization can pave the way for the creation of glocalized community in the future.



Dr. Suzuki, Director of GHOGL gives a presentation

## Opening Ceremony for Gifu Disaster Mitigation Center

The opening ceremony for the Gifu Disaster Mitigation Center was held on Wednesday, April 1, 2015.

The Center is jointly established by Gifu University and the Gifu Prefectural Government with the goal of making the best use of disaster-related expertise and knowhow of both the University and the local government. The Center will draw on Gifu University's strengths as a higher education and research institution, and of the Gifu Prefectural Government in its role as coordinator of natural disaster prevention measures.

The Center plays vital roles in human resource development, technological assistance for municipalities and enterprises, and also serves as a think tank for research and study on disaster prevention and reduction efforts.

At the signing ceremony, Director of the Gifu Disaster Mitigation Center, Dr. Masata Sugito (Executive Director for Planning, Evaluation and Fund, Gifu University) said, “I believe that our joint efforts in disaster prevention can reduce the mortality from natural disasters by half. We would like to carry out as many disaster mitigation programs and activities as possible in the days ahead.”

The Center primarily focuses on developing human resources for the year 2015. To this end, the Center is currently planning to hold an opening commemorative symposium, seminars for municipal governments, and disaster prevention leadership training symposia, and so on.



The Center's signboard is officially unveiled  
(from left) Dr. Sugito, Director of the Gifu Disaster Mitigation Center,  
Mr. Takanori Kawai, Vice Director of the Center



## Degree Awarding

Degree	Diploma Number	Name	Thesis Title	Date of Degree Awarded
Ph.D. in Medical Sciences	*1 Ko-No.967	Shinya Komori	Results of long-term monitoring of normal-tension glaucoma patients receiving medical therapy:results of an 18-year follow up	March 18, 2015
Ph.D. in Medical Sciences	Ko-No. 968	Takayuki Nakanishi	Risk factors for pyrexia after endoscopic submucosal dissection of gastric lesions	March 18, 2015
Ph.D. in Medical Sciences	Ko-No. 969	Naoki Sakakibara	INFLUENCE OF LUMBOPELVIC STABILITY ON DEADLIFT PERFORMANCE IN COMPETITIVE POWERLIFTERS	March 18, 2015
Ph.D. in Medical Sciences	Ko-No. 970	Hiroki Yamada	Blindness following bleb-related infection in open angle glaucoma	March 18, 2015
Ph.D. in Medical Sciences	Ko-No. 971	Hiroshi Makino	Predictive value of diffusion-weighted magnetic resonance imaging during chemoradiotherapy for uterine cervical cancer	March 18, 2015
Ph.D. in Medical Sciences	Ko-No. 972	Junki Endo	A Randomized Controlled Non-inferiority Study Comparing the Antiemetic Effect between Intravenous Granisetron and Oral Azasetron Based on Estimated 5-HT <sub>3</sub> Receptor Occupancy	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 973	Yoko Mizutani	Possible role of a septin, SEPT1, in spreading in squamous cell carcinoma DJM-1 cells	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 974	Bateer Shi	Effect of hypoxic training on inflammatory and metabolic risk factors: a crossover study in healthy subjects	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 975	Daichi Ishimaru	Alterations in the chondroitin sulfate chain in human osteoarthritic cartilage of the knee	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 976	Hiroshi Kawada	Multiphase Contrast-Enhanced Magnetic Resonance Imaging Features of BCG-induced Granulomatous Prostatitis in Five Patients	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 977	Masanori Tsugita	Ewing Sarcoma Cells Secrete EWS/Flt-1 Fusion mRNA via Microvesicles	March 25, 2015

Ph.D. in Medical Sciences	Ko-No. 978	Takeshi Minami	Comparative studies on the heterogeneity of plasma-derived and recombinant human albumins in laboratory use	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 979	Shigeru Izawa	Effect of urinary excretion on the bladder tissue distribution of fluoroquinolones in rats	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 980	Tatsunori Hanai	Sarcopenia impairs prognosis of patients with liver cirrhosis	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 981	Shunichiro Warita	Effects of Pitavastatin on Cardiac Structure and Function and on Prevention of Atrial Fibrillation in Elderly Hypertensive Patients	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 982	Makoto Iwama	Impact of tissue characteristics on luminal narrowing of mild angiographic coronary stenosis: assessment of integrated backscatter intravascular ultrasound	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 983	Yuko Kito	Rho-kinase regulates human platelet activation induced by thromboxane A2 independently of p38 MAP kinase	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 984	Tai Kojima	Left atrial global and regional function in patients with paroxysmal atrial fibrillation has already been impaired before enlargement of left atrium: velocity vector imaging echocardiography study	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 985	Hajime Arikawa	Continuous vocalization during kendo exercises suppresses expiration of CO2	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 986	Takeshi Hirose	Left atrial function assessed by speckle tracking echocardiography as a predictor of new-onset non-valvular atrial fibrillation: results from a prospective study in 580 adults	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 987	Tomoko Mizuno	Cancer stem-like cells of ovarian clear cell carcinoma are enriched in the ALDH-high population associated with an accelerated scavenging system in reactive oxygen species	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 988	Jun Takada	Safety of carbon dioxide insufflation during gastric endoscopic submucosal dissection in patients with pulmonary dysfunction under conscious sedation	March 25, 2015
Ph.D. in Medical Sciences	Ko-No. 989	Masatoshi Mabuchi	Endoscopic Papillary Large Balloon Dilation as a Salvage Procedure for Basket Impaction During Retrieval of Common Bile Duct Stones	March 25, 2015

Ph.D. in Medical Sciences	*2 Otsu-No. 1479	Kenichiro Ishida	Clinical experience with once-daily tacrolimus in de novo kidney transplant recipients from living donors in Japan: 1-year follow up	March 18, 2015
Ph.D. in Medical Sciences	Otsu-No. 1480	Kentaro Otsuji	Efficacy and safety of cisplatin versus miriplatin in transcatheter arterial chemoembolization and transarterial infusion chemotherapy for hepatocellular carcinoma: A randomized controlled trial	March 18, 2015
Ph.D. in Medical Sciences	Otsu-No. 1481	Asae Nozawa	Glucose corrected standardized uptake value (SUV <sub>gluc</sub> ) in the evaluation of brain lesions with 18F-FDG PET	March 18, 2015
Ph.D. in Engineering	Ko-No. 464	Satoshi Sugiura	Maintenance planning for road facilities based on risk assessment	March 25, 2015
Ph.D. in Engineering	Ko-No. 465	Tomohiro Yamada	Optimization of tool shape in piercing for high tensile strength steel plate	March 25, 2015
Ph.D. in Engineering	Ko-No. 466	Zhou Bo	Evaluation of fiber orientation in ultra high strength fiber reinforced concrete and its effect on flexural properties	March 25, 2015
Ph.D. in Engineering	Ko-No. 467	Joni Aldilla Fajri	Evaluation of water and sediment quality in open channels receiving effluent from small-scale onsite wastewater treatment facilities	March 25, 2015
Ph.D. in Engineering	Ko-No. 468	Masaru Fujishiro	Structural applications of high performance fiber reinforced cement composites utilizing their unique characteristics	March 25, 2015
Ph.D. in Engineering	Ko-No. 469	Jin Long	Rhodium dinuclear complexes with biimidazole ligand	March 25, 2015
Ph.D. in Engineering	Ko-No. 470	Femi Earnestly	Development of eluent-induced and monolithic stationary phases for separation of inorganic cations in capillary liquid chromatography	March 25, 2015
Ph.D. in Engineering	Ko-No. 471	Aster Rahayu	Development of monolithic columns for separation of inorganic anions and cations in capillary liquid chromatography	March 25, 2015
Ph.D. in Engineering	Ko-No. 472	Hiroshi Sakamaki	Evaluation of column hardware for chelating compounds in liquid chromatography-mass spectrometry	March 25, 2015

Ph.D. in Engineering	Ko-No. 473	Shinji Yamaguchi	A non-destructive measurement technique of textured silicon thin-film solar cell structures using glass-side illumination ellipsometry	March 25, 2015
Ph.D. in Engineering	Ko-No. 474	Nur Hidayah Binti Zainal Abedin	Improvement for piezoelectric properties and domain structures observation of lead-based relaxor ferroelectric solid solutions	March 25, 2015
Ph.D. in Engineering	Ko-No. 475	Akiji Tanaka	Simultaneous multi-path communication method using IP source routing	March 25, 2015
Ph.D. in Engineering	Ko-No. 476	Cancio Monteiro	Charge-sharing symmetric adiabatic logic: Comparative analysis, application and LSI implementation for cryptographic hardware design	March 25, 2015
Ph.D. in Engineering	Ko-No. 477	Noboru Maeda	Methods of S-parameter estimation for multiport circuits with indirect measurements	March 25, 2015
Ph.D. in Engineering	Ko-No. 478	Sri Hartuti	Direct quantitative analysis of arsenic, its leachability and speciation in flyashes from coal fired power plants	March 25, 2015
Ph.D. in Engineering	Ko-No. 479	Shuhei Miura	Improvement of photovoltaic performance of thin film Si solar cells by forming optical structures on glass substrate	March 25, 2015
Ph.D. in Engineering	Otsu-No. 74	Hiroshi Nagata	Activation of sulfur active material in positive electrode of an all-solid-state lithium sulfur battery and that battery performance	March 25, 2015
Ph.D. in Agricultural Science	Ko-No. 635	Zhang Yiting	Studies on the Clarification of Relationships between Nutrient Solution Management and the Growth, Yield and Yellow-shoulder Disorder of Tomatoes Grown in Extremely Low-volume Substrate	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 636	Badarifu	Present and Predictive States of Groundwater Resources at Dalad, Inner Mongolia	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 637	Dai Yanyan	Study on Effective Soil Management Methods and Irrigation Water Requirements in the Glasshouse Cultivation	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 638	Yuyun Fitriana	Traits Improvement by Ion-beam and Gamma-ray Irradiation in Entomopathogenic Fungi	March 13, 2015

Ph.D. in Agricultural Science	Ko-No. 639	Md. Abdul Baten	Molecular Phylogenetic Analysis and Geographical Distribution of Newly Established Genus <i>Phytophythium</i>	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 640	Noriyuki Miyake	Studies on Identification, Epidemiology, Control, and Simple Detection Method of Flower and Vegetable Diseases Caused by Three High-Temperature-Growing <i>Pythium</i> Species	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 641	Kosei Yamauchi	Mechanism of Controlling Melanin Biosynthesis by the Constituents of Tropical Medicinal Plants	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 642	Naoki Takada	A Study on the Development of a Novel ABO Blood Group Determination Method Based on Indirect Competitive ELISA	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 643	Katsuya Ono	A Study of Tetrachloroethylene Degradation by Metabolites of Activated Sludge	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 644	Hiroko Fukui	The Effects of Antioxidant on Nanoparticles-induced Toxicity	March 13, 2015
Ph.D. in Agricultural Science	Ko-No. 645	Kazuki Nomura	Contribution of COX1 gene to Pressure-resistant in <i>Saccharomyces cerevisiae</i>	March 31, 2015
Ph.D. in Veterinary Sciences	Ko-No. 431	Ehab Elnour Ahmed Mossaad	Studies on Calcium Signaling in Hemoprotozoan Parasites	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 432	Dalia Ibrahim Tawfik Mohamedien	Histochemical Analysis of the Vomeronasal Organ of the One-Humped Camel ( <i>Camelus dromedarius</i> )	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 433	Mahmoud Mohamed Abdelhamid Ahmed Awad	Studies on Analysis of Novel Secreted Protein of Ly-6 Domain 1 Expression and an Expecting Function in Bovine Uteroplacental Tissues during Gestation	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 434	Mohamed Elbadawy Abdelgayed Gad Kewan	Drug Absorption Profiles after Oral Administration in Goats	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 435	Shiori Chiba	Pathological Studies of Optic Pathway Degeneration in Cattle	March 13, 2015

Ph.D. in Veterinary Sciences	Ko-No. 436	Ken Kuroda	Studies on the Modes of Action Underlying Renal Carcinogenic Mycotoxins in Rodents	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 437	Megu Itahashi	Studies for the Development of Chemical Risk Evaluation Method on Brain Development Focusing on Neurogenesis	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 438	Noriko Hamamoto	The Studies of N-glycosylation Related to the Attenuation of Fixed Virus RABV Derived from Street Virus	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 439	Tadahisa Mashita	Prognostic Value of Magnetic Resonance Imaging and Serum Biomarkers in Canine Intervertebral Disc Herniation	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 440	Ryotaro Miura	The Studies of Physiological Characteristics of the First Follicular Wave Dominant Follicle in Cattle -Follicle Dynamics,Function,and Its Effect to the Fertility in Cattle-	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 441	Rieko Yoshiyuki	Basic Investigation of Echocardiographic Assessment of Right Ventricular Function in Rats with Monocrotaline-Induced Pulmonary Hypertension	March 13, 2015
Ph.D. in Veterinary Sciences	Ko-No. 442	Chen,Chun-Jen	Experimental Studies on the Amyloid- $\beta$ Ligand for Single Photon Emission Computed Tomography(SPECT)to Diagnose Alzheimer's Disease	March 13, 2015
Ph.D. in Veterinary Sciences	Otsu-No. 136	Toshihiro Ichijo	Studies on The Pathogenesis,Proposed Mechanism,and Prognostic Judgment in Beef Cattle with Displaced Abomasum	March 13, 2015
Ph.D. in Veterinary Sciences	Otsu-No. 137	Isao Igarashi	Studies on Expression of Connexin Protein in the Mouse Liver and Cell-to-Cell Communication in Liver Lesions	March 13, 2015
Ph.D. in Engineering	Ko-No. 28	Toshie Takahashi	Analyses of physical property, lipid-distribution and -dynamics in human hair	March 25, 2015

\*1 completed the study of the course

\*2 completed by dissertation only

**Foreign Researchers Accepted by Gifu University in March**

Institution/ Faculty	Name (Country)	Title, University	Period	Research Title
River Basin Research Center	John D. Tenhunen (United States of America)	Professor, Department of Plant Ecology, University of Bayreuth	March 15 – May 11, 2015	Carbon and water cycle dynamics in forest ecosystems
Faculty of Engineering	Zarina Aspanut (Malaysia)	Lecturer, Faculty of Science, University of Malaya	March 9 – July 9, 2015	Synthesis of Metal Nanoparticles from Natural Products for Use as Active Materials in Photoelectrochemical Devices and Photocatalytic Process