

Monthly Report of Gifu University



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Gifu University Entrance Ceremony for Undergraduate and Graduate Students 2016 is held

On April 7, 2016, Gifu University Entrance Ceremony for Undergraduate and Graduate Students was held at Nagaragawa Convention Center. The ceremony for graduate students started at 9:15a.m., and the ceremony for undergraduate students started at 10:30a.m.

In his address for the new undergraduate students, President Hisataka Moriwaki said, “Regardless of your field or subject of investigation, I want you to strive to become members of society capable of contributing to Japanese society and the global community.” For the graduate students, he said, “I wish all of you complete your graduate courses here as highly-skilled professionals capable of making contributions to your professional duties on the "glocal" fields wherever you are employed.”

The numbers of newly enrolled students are as follows:

(Undergraduate)

- Faculty of Education – 253
 - Faculty of Regional Studies – 110
 - School of Medicine – 190
 - Faculty of Engineering – 538
 - Faculty of Applied Biological Sciences – 202
 - Transfer to the third year of the Faculty of Regional Studies — 11
 - Transfer to the third year of the Faculty of Engineering - 46
 - Transfer to the third year of the Faculty of Applied Biological Sciences – 11
- Total: 1,361

(Graduate)

- Master’s Program, Graduate School of Education – 57
- Professional Degree Program, Graduate School of Education – 17
- Master’s Program, Graduate School of Regional Studies – 18
- Master’s Program, Graduate School of Medicine (Nursing Science) – 4
- Master’s Program, Graduate School of Medicine (Regeneration and Advanced Medical Sciences) – 9
- Doctoral Program, Graduate School of Medicine – 37
- Doctoral Program, Graduate School of Medicine (Regeneration and Advanced

Medical Sciences) – 2

- Master's Program, Graduate School of Engineering – 315
- Doctoral Program, Graduate School of Engineering – 10
- Master's Program, Graduate School of Applied Biological Sciences – 98
- Doctoral Program, United Graduate School of Drug Discovery and Medical Information Sciences - 6

Total: 573



Entrance Ceremony for 2016

April 7, 2016

Hisataka Moriwaki
President of Gifu University

To all of the new students, congratulations on admission to our university. We are extremely pleased to have 1,361 new entrants to our campus today, and on behalf of the Gifu University faculty, I welcome all of you. I am sure you are happy about joining us and eager to learn, and we are very glad that we will be able to share your sense of freshness and to join you in your new place of study. I would also like to take this opportunity to give our congratulations to all the people who have supported you till now.

To begin my remarks, I would first like to consider what it means to study at a university. I would also like to note a few things that, as university students, I want you to keep in mind.

Firstly, you should realize that the way in which you study here will be entirely different from the way you have studied in the past. As high school pupils, you were at a *school*. Beginning today, you are at a *university*. You were before taught in classes, but from now on, you will attend lectures. Before, you were just pupils. Beginning today, you are university students. So how are these different? In your time here, in addition to existing academic disciplines, you will study the distinctive fields of natural sciences, human sciences, and social sciences that the faculty have helped to establish through nearly enormous amounts of work. Upon studying these disciplines, you will create your own scientific discipline, and by this I mean that you will establish ways of thinking about things on your own. This is what it means to study at a university.

To accomplish this, it is essential that you have a fundamental grounds. Only when you have such grounds, you will receive a higher, advanced education. These grounds consist of liberal arts education. In some old libraries in the West, for example, these are represented by figures of seven goddesses flying high above the hall. To use strictly classical terms, these are rhetoric, grammar, astronomy, logic, algebra, geometry, and art, as well as philosophy that unifies the above seven. At present, of course, there are probably few subjects in the modern era whose direct objective is one of these, but in addition to your advanced, specialized education, I ask that you also try to aim for the

goal of getting a liberal arts education as well. The reason is that it will form the foundation of your role as a member of society, which I would like to talk about briefly.

All of you are already members of society, with the right to vote. You are all ladies or gentlemen. Your studies at university are made now upon your own responsibility as adults. From the moment you enter this campus as new university students, all of us—as well as society that—see you as ladies and gentlemen. We expect that you are ladies and gentlemen both at university and in the lives you lead. I would like all of you to take every opportunity you can to strive to be ladies and gentlemen.

Next, I would like to touch on the long, proud history of Gifu University. I will then talk about the Gifu University's vision for the future, which is a plan that covers roughly the next decade, when the students here today will already have graduated and, I am confident, will have become indispensable members of society. Gifu University was founded in 1949, but each faculty has its own roots, which are generally much older. For example, Gifu Prefectural Normal School was established in 1873, and is now the Faculty of Education. They celebrated the 140th anniversary last year. Thus Gifu University is the fourth oldest university in Japan. You can trace the history of Gifu University by a variety of archives both on and off campus, which I recommend you do as it is quite interesting.

Now I would like to talk about Gifu University's grand vision covering the period to 2025, a summary of which has been included as an insert in your ceremony program (<http://www.gifu-u.ac.jp/about/objectives/vision.html>). I will mention only the most important aspects. To begin with, Gifu University "aims to be not only a center of community revitalization, but also a center for nationwide and international education and research in fields in which the university possesses strengths and distinctiveness." Large columns represent the five major strategies to achieve these objectives, below which are concrete examples of efforts towards those ends. I ask that each student reviews the vision for his or her faculty or department. In fact, we have already declared the University to be an international and national center of education and research in the fields of life sciences, environmental sciences, next-generation die and composite materials research, and medical education and research. Also, we are in the midst of establishing other fields to follow.

Today, however, I would particularly like to focus on our collaborations in the contexts of

our role as a center for community revitalization and global contributions. By “community” here, we of course do not mean just our prefecture, city, or the Chubu region. Instead, we intend a much broader platform, one capable of serving as the launching base for contributions nationwide and even globally. Likewise, when we say “global,” we do not mean the whole world in a vague sense. Instead, we envision collaborations between the individual community of Gifu and individual communities overseas. In this sense, the comparatively new term “glocal” matches our ideal much better than the terms “international” or “worldwide.” In addition, such activities must mutually suit the needs of both communities. To this end, faculty members and students must work together to pursue and find solutions to the issues that are of importance to Japan and the wider world, too. For this reason, I believe it is important for us to broaden our inquiries beyond the university setting and into the broader world. For new students in particular, regardless of your field or subject of investigation, I want you to strive to become members of society capable of contributing to Japanese society and the global community.

In connection with these objectives, Gifu University has agreements with 46 universities overseas, and hosts over 600 students and researchers from abroad annually. On campus there are always 300 or 400 international students. They can speak English at a level that the students newly joining the university today will understand, and more than a few of them are very fluent in Japanese. It may be a rare chance for you, so I suggest that you take the opportunity and interact with these international students. I also suggest that you take the earliest opportunity you can to go overseas. There are already students of the University who, as undergraduates, have entered international research contests, some of whom have won prizes. Gifu University has effective frameworks in place to assist students in taking on such international challenges.

Lastly, I would like to note the commitment on our part as members of the faculty. Gifu University is a place where students can become citizens capable of achieving the ideals I just mentioned. It goes without saying that faculty members work towards these ideals alongside new students. Let us join hands in our efforts to be good members of the university community in the years to come.

Let me conclude my remarks by wishing you a fulfilling, enjoyable campus life here at Gifu University. Again, congratulations on your admission to the University

Graduate School Entrance Ceremony for 2016

April 7, 2016

Hisataka Moriwaki
President of Gifu University

Congratulations on your admission to the graduate schools at Gifu University. We are extremely pleased to see today 573 graduate students, and on behalf of the Gifu University faculty I cordially welcome all of you. I would also like to take this opportunity to give our congratulations to all the people who have supported you in your academic careers up to now.

Along with five master's programs and two doctoral programs, Gifu University hosts three united graduate schools. Joining us here today are those entering our Teacher Education Course of the Professional Degree Program, and students entering our United Graduate School of Drug Discovery and Medical Information Sciences established together with Gifu Pharmaceutical University. Thus, we are honored to be here with President Takashi Inagaki, Gifu Pharmaceutical University.

In our third Mid-Term Objectives and Plan for six years beginning this year, Gifu University has declared that “we aim to be a center of community revitalization, as well as a center for nationwide and international education and research in fields, where we have outstanding strengths and distinctiveness.” Today I would first like to talk about what we intend when we say the term “center of community revitalization.” Of course, we do not mean just our prefecture, city, or the Chubu region. Instead, we conceive of it in a broader definition, that encompasses the whole Japan and global communities as well. I will show just one example of a major exchange program between an individual Japanese community and a community overseas. In this case, industries in between Gifu Prefecture and Assam, India, form the foundation for collaboration in education and research with Gifu University and Indian Institute of Technology, Guwahati. The term “glocal,” which combines “global” and “local,” best approximates what we intend.

For those of you who have newly admitted today, a wide range of jobs awaits you once you complete your graduate courses. Many of you are mid-career professionals working for private-sector companies or local governments that have asked or encouraged you to enter graduate school. Regardless of your source, I wish all of you complete your

graduate courses here as highly-skilled professionals capable of making contributions to your professional duties on the “glocal” fields wherever you are employed. Unlike undergraduate programs, those who have earned advanced degrees are expected to function as highly-skilled professionals. You must study toward the objectives that are set at a quite high level.

I would like to emphasize that what you gain as a result of your graduate school studies might not materialize immediately after you earn your degree. There are many cases where it took around a total of 20 years before advanced degree holders got actually to contribute to the local community or to make “glocal” contributions. Hence, you should also consider the skills you acquire during your graduate studies that you will need to survive as a skilled professional during that period. As members of the faculty at Gifu University, we are always ready to offer you guidance and advice with this regards.

Furthermore, some of you may find that a doctoral program is a very attractive option after you complete a master’s program. This course particularly applies to those of you who wish to work as researchers. Most research that goes on to win the Nobel Prize is in fact completed when the researcher is around 30 years old, which means that in many cases it was done when the laureate was in graduate school, and the ideas that he or she developed in that period then led to breakthroughs in various areas of natural science, social science, etc. Regardless of the field, the key to developing such ideas is the continuation of study and research. Of course, a dream generates and maintains the motivation to push those studies. As graduate students, I want you to take a proper look at your future career as a skilled professional, or if you wish to be a researcher, to hold onto a dream. In doing so, please enjoy what Gifu University has to offer and make good use of it.

In conclusion, I am looking forward to enjoying campus life with all of you, and again, I congratulate you.

Opening Ceremony for the Gifu University Center for Conservation of Microbial Genetic Resource, Organization for Research and Community Development

Gifu University reorganized the Graduate School of Medicine's Pathogenic Microorganism Genetic Stock Center Office, which handled stock preservation and distribution of microorganisms. On April 1, 2016, it was reestablished as the Gifu University Center for Conservation of Microbial Genetic Resource, Organization for Research and Community Development (GCMR) as a stock center for microorganism cultures on the 7th floor of the School of Medicine main building. The opening ceremony of the GCMR was held on April 6.

GCMR will work to preserve microbial genetic resources and provide microorganism cultures and related genetic information for future research and development projects. It also plans to develop globally attractive projects for the conservation of phyletic groups by promoting the further use of microorganism genetic information for research and industrial application that can meet the needs of today's globalized society.



(from left) Dr. Hideto Fukushi, Director-General of the Organization for Research and Community Development, Dr. Takayuki Esaki, emeritus professor, and Dr. Kaori Tanaka, Director of the Gifu University Center for Conservation of Microbial Genetic Resource

Ceremony Held to Present Notification of Scholarship for Students with Excellent Academic Performance

A ceremony to present notification of scholarship for Gifu University students with excellent academic performance was held on April 8, 2016.

Gifu University established the Gifu University Fund as a key feature of its 60th anniversary. As part of the Fund-financed activities, Gifu University awards a scholarship to model students with hard-working, excellent academic performance with a view to supporting their academic achievement and fostering excellent students. Gifu University awards the scholarship to model students who are academically diligent and possess good character.

At the ceremony, President Hisataka Moriwaki presented the notification to each student and commented during his speech, “It is my sincere hope this scholarship will help you to study even harder and make the most of your time at university.”

On behalf of the students, Ms. Suo Ta Ji, an international student from China studying at the Graduate School of Regional Studies expressed her hopes, “I will remember that this scholarship is funded by contributions from in-service teaching and administrative staff, alumni of Gifu University and the general public. I will make full use of the scholarship as I devote myself to my studies”.

A total of 25 students were awarded with the scholarship as students with excellent academic performance in 2016.

写真) President Moriwaki presenting notification to a student

President Moriwaki giving a speech

Ms. Suo Ta Ji expressing her hopes

President Moriwaki and students holding notifications

Study Abroad Fair

On April 20, 2016, Gifu University held a study abroad fair at the General Education Building.

This fair has been held annually since 2012 to provide information on exchange programs and short-term study abroad programs aiming to encourage more students to study overseas. This year, about 70 students including those newly enrolled in the University attended the fair.

First, Dr. Fumiaki Suzuki, Director of the Gifu University Head Office for Glocalization (GHOGL), addressed the opening of the fair. This was followed by a university official who explained about exchange programs with Gifu University's partner universities overseas and scholarship systems. Then, short-term programs that are conducted during long vacations were respectively introduced by the faculty staff of the International Student Center, the Faculty of Education, the Faculty of Engineering and Nagoya University. Four students who participated in last year's short-term study abroad programs and the "Tobitate! (Leap for Tomorrow) Young Ambassador Program" of the Ministry of Education, Culture, Sports, Science and Technology (MEXT) gave presentations on their experiences. This year, an official of the Eiken Foundation of Japan was invited to the fair to explain about the International English Language Testing System (IELTS), which is used to assess the English ability of students who wish to study abroad.

The participants showed strong interest in studying abroad and they listened closely to the student speakers and officials and asked them questions individually even after the presentations. Gifu University will continue to provide such opportunities to share information and advice on studying abroad.



Ms. Hanae Arakawa, fourth year student of the Faculty of Engineering, making a presentation on her short-term research study in Hungary

The 1st Press Conference by the President in 2016

Gifu University held the 1st Press Conference by the President on April 20, 2016.

First, President Hisataka Moriwaki gave an outline of “Infrastructure Maintenance Expert (ME)” certification of the Faculty of Engineering in conjunction with Gifu University’s Future Vision for 2025.

Next, Dr. Kazuhide Sawada, Director of the Center for Infrastructure Asset Management Technology and Research, offered a detailed explanation of the infrastructure ME training program.

Gifu University launched the infrastructure ME training program for adult students in 2008. Under this program, students acquire the specialized knowledge and skills needed to handle the maintenance of public infrastructure, such as cracks and deformation in bridges and tunnels. Students are certified as infrastructure ME when they successfully complete the program.

The infrastructure ME certification was registered as a national engineer certification by the Ministry of Land, Infrastructure, Transport and Tourism this year. The program is also recognized by the Ministry of Education, Culture, Sports, Science and Technology as a brush-up program for professionals, and students are eligible for the education and training benefits offered by the Ministry of Health, Labour and Welfare.

Gifu University hopes to further contribute to local revitalization by training engineers certified as infrastructure ME.



President Moriwaki speaking to the reporters



Dr. Sawada also speaking to the reporters

Top Management Seminar of the MEXT Initiative for Implementation of the Diversity Research Environment (Collaborative Type) is held

On April 21, 2016, a Top Management Seminar of “Initiative for the Implementation of the Diversity Research Environment (Collaborative Type)” was held at Gifu University Auditorium. The Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT) is sponsoring this Initiative, and the Top Management Seminar was co-hosted by Gifu University, Gifu Pharmaceutical University, Gifu Women’s University and API Co., Ltd. with an aim to further promote the Initiative.

Ms. Fumie Ito, Director for Higher Educational Policy, Higher Educational Bureau of the MEXT was invited as a guest speaker. She gave a speech entitled; “Current Trend of Government Higher Education Policy: from the perspective of dynamic leadership of female researchers.” By referring to the statistics and data, Ms. Ito spoke about the current government higher education policies, degree of importance of female researcher leadership promotion programs among government policies, and the roles of Gifu University she is expecting of for the future. The audience was listening closely to her during the speech.

About 120 people attended the seminar including teaching and administrative staff of Gifu University as well as educators, staff, researchers of other affiliated institutions, and senior business managers of private companies. After the seminar, some participants talked about their impressions on the seminar: “I got the general ideas of the latest government policies on higher education and promotion of women leadership. I also came to understand what roles Gifu University should play from these points of view.” “We were given specific pieces of advice from the speaker today about how we can contribute to the Initiative for the empowerment of women and female researchers as private business entities.”



Ms. Ito giving a speech



Professor Masako Hayashi, Vice President for the Promotion of Gender Equality & Diversity leading the seminar

FD/SD Workshop is held to Assist HFASD Students in their Job Searching

On April 25, 2016, the Organization for Promotion of Higher Education and Student Support (ORPHESS) of Gifu University invited Professor Hidekatsu Kiya in charge of the Student Special Support Room, the Faculty of Education, Yamaguchi University to the Faculty Development (FD) and Student Development (SD) Workshop held at Gifu University. As a guest speaker, Professor Kiya gave a speech titled, “Support Initiatives for University Students with High Functional Autism Spectrum Disorder (HFASD) in their Job Searching.”

A total of 63 people attended the workshop including teaching and administrative staff, students and citizens. In the workshop, the participants were able to obtain the general idea about HFASD through Professor Kiya’s speech.

After an opening speech by Professor Satoshi Ema, Director-General of ORPHESS (also serves as Executive Director for Academic and Affiliated School Affairs), Professor Kiya took the floor and started to deliver a speech. In the speech, he underscored the importance of supporting the HFASD students and introduced some specific characters of the HFASD students. He also referred to the differences among the HFASD students who had received special support and those who had not from their infancy, and advocated the necessity of assistance by the people around such students in their self-affirming. Professor Kiya continued to speak about the initiatives of Yamaguchi University, its supporting system and the program he organized and implemented at the University training camp. While watching the photos of the students, the participants saw solid growth of individuals after they received training for maximizing their potentials.

Another point he mentioned was poor physical and mental health of HFASD students. He said “Many HFASD students are not good at communicating with others, and have a lot of difficulties in classes and their daily life. Because fewer know their physical and mental capacities, they need to consult a doctor or a nurse and have their health examined while at university. If they become able to control themselves through relaxation instead of pushing themselves too hard, it is possible for them to stay in the workforce for years.”

His speech was followed by a Question & Answer session and an active back-and forth

exchange between Professor Kiya and the audience continued for some time.

After the Question & Answer session, Professor Kunihiko Toki, Manager of the Special Needs Student Office expressed his gratitude to Professor Kiya and made a closing speech.



Professor Kiya making a speech



Scene of the workshop

The 6th Cryogen & High Pressure Gas Handling Seminar is held

On April 27, 2016, the 6th Cryogen & High Pressure Gas Handling Seminar was held at the University auditorium for the purpose of raising people's awareness about danger and risks of cryogen and high pressure gas. About 310 people attended the seminar including teaching and administrative staff and students.

Associate Professor Yasunori Oumi, Division of Instrumental Analysis, the Life Science Research Center, and Professor Takahisa Nishizu, the Faculty of Applied Biological Sciences gave lectures on proper handling of cryogen and high pressure gas and precautions in their use through the cooperation from a major gas company, Tomoe Shokai Co., Ltd.

The major objective of the seminar is to supply people with basic knowledge about cryogen and high pressure gas. The participants of this 6th seminar learned a lot about the state of oxygen deficiency watching the images of past accidents projected on the screen.

Some points of attention were also introduced in handling a liquefied nitrogen tank placed at the Faculty of Engineering, and how people at the Faculty of Applied Biological Sciences are moving liquefied nitrogen safely to the seminar participants.

Gifu University is seeking to create a safer environment in conducting science experiments by holding these seminars and applying the knowledge to experiments and practical training carried out at the University in the future.



Associate Professor Oumi at the podium



Seminar scene

The 1st Commendation Ceremony for High Achievers in TOEIC Scores

On April 27, 2016, Gifu University held the 1st Commendation Ceremony for High Achievers in TOEIC scores. A scholarship was awarded to the University staff members (administrative and technical staff) who scored 800 points or higher on the TOEIC test in the expectation that it would encourage them to make further efforts to study.

At the ceremony, Dr. Fumiaki Suzuki, Director of the Gifu University Head Office for Globalization (GHOGL), presented certificates to nine people (one from the Facility and Environmental Affairs Department, two from the Academic and International Affairs Department, two from the Student Affairs Department, one from the Graduate School of Medicine and School of Medicine, two from the University Hospital and one from the Faculty of Applied Biological Sciences) who got more than 800 points on the TOEIC test in the past. Later, the attendees spent some time talking with Dr. Suzuki and Mr. Yoshifumi Ohno, Senior Manager of the Academic and International Affairs Department. After Dr. Suzuki and Mr. Ohno offered words of encouragement to the attendees, they exchanged opinions on how they utilize their English skills and what they found to be difficult in communicating in English at work.

This commendation ceremony started in 2015 based on a proposal by young members of the administrative staff. The aim of the project is to promote internationalization in office work and to improve student services by boosting the number of University staff members who are proficient in English. Gifu University intends to continue this project to promote the globalization of the University in the future.



Group Photo after the ceremony

Dr. Suzuki (center in the front row) and Mr. Ohno (second from left in the front row)

Degree Awarding

Diploma Number	Degree	Name	Dissertation Title	Date of Degree Awarding
Ko *1-No. 1007	Ph.D. in Medical Sciences	Junko Kato	Combination therapy with zoledronic acid and cetuximab effectively suppresses growth of colorectal cancer cells regardless of <i>KRAS</i> status	March 16,2016
Ko *1-No. 1008	Ph.D. in Medical Sciences	Toshiaki Kawachi	Sleep Duration and the Risk of Mortality From Stroke in Japan: The Takayama Cohort Study	March 16,2016
Ko *1-No. 1009	Ph.D. in Regeneration and Advanced Medical Sciences	Chiaki Kojima	Development Rapid screening of <i>Campylobacter spp.</i> and the GyrA mutants using PCR-DNA Strip and real-time PCR	March 16, 2016
Ko *1-No. 1010	Ph.D. in Regeneration and Advanced Medical Sciences	Wang Miaoxing	CED-4 is an mRNA-binding protein that delivers <i>ced-3</i> mRNA to ribosomes	March 16, 2016
Ko *1-No. 1011	Ph.D. in Regeneration and Advanced Medical Sciences	Takuya Mizuno	Core housekeeping proteins useful for identification and classification of mycobacteria	March 16, 2016
Ko *1-No. 1012	Ph.D. in Medical Sciences	Shinobu Murase	An event-related potential investigation of sentence processing in adults who stutter	March 25, 2016
Ko *1-No. 1013	Ph.D. in Medical Sciences	Wu Wudelehu	Fat and carbohydrate in western diet contribute differently to hepatic lipid accumulation	March 25, 2016
Ko *1-No. 1014	Ph.D. in Medical Sciences	Tatsuya Ando	Co-stimulation of GalCer and TLR agonist induces tumor antigen-specific immune response and inhibits the tumor growth	March 25, 2016
Ko *1-No. 1015	Ph.D. in Medical Sciences	Yoshifumi Noda	Diffusion Kurtosis Imaging of the Pancreas for the Assessment of HbA1c Levels	March 25, 2016
Ko *1-No. 1016	Ph.D. in Medical Sciences	Takayasu Ideta	The Dipeptidyl Peptidase-4 Inhibitor Teneeligiptin Attenuates Hepatic Lipogenesis via AMPK Activation in Non-Alcoholic Fatty Liver Disease Model Mice	March 25, 2016
Ko *1-No. 1017	Ph.D. in Medical Sciences	Yuhei Shibata	The Role of Indoleamine 2,3-Dioxygenase in Diethylnitrosamine-Induced Liver Carcinogenesis	March 25, 2016
Ko *1-No. 1018	Ph.D. in Medical Sciences	Teppeï Takahashi	Quantitation of Oxidative Modifications of Commercial Human Albumin for Clinical Use: Thiol Oxidation and Carbonylation	March 25, 2016

Ko *1-No. 1019	Ph.D. in Medical Sciences	Kodai Suzuki	Comparative Effectiveness of Emergency Resuscitative Thoracotomy versus Closed Chest Compressions among Patients with Critical Blunt Trauma : A Nationwide Cohort Study in Japan	March 25, 2016
Ko *1-No. 1020	Ph.D. in Medical Sciences	Tsuneyuki Miyazaki	Sodium alginate prevents progression of non-alcoholic steatohepatitis and liver carcinogenesis in obese and diabetic mice	March 25, 2016
Ko *1-No. 1021	Ph.D. in Regeneration and Advanced Medical Sciences	Natsuki Watanabe	Multipotency of Melanoblasts Isolated From Murine Skin Depends on the Notch Signal	March 25, 2016
Ko *1-No. 1022	Ph.D. in Medical Sciences	Mitsuru Okuno	The significance of phosphorylated heat shock protein 27 on the prognosis of pancreatic cancer	March 25, 2016
Ko *1-No. 1023	Ph.D. in Medical Sciences	Masanori Tsujimoto	Factor Xa inhibitor suppresses the release of phosphorylated HSP27 from collagen-stimulated human platelets: inhibition of HSP27 phosphorylation via p44/p42 MAP kinase	March 25, 2016
Ko *1-No. 1024	Ph.D. in Medical Sciences	Shingo Komura	<i>EWS-FLI1</i> -induced osteosarcoma model unveiled a crucial role of impaired osteogenic differentiation on osteosarcoma development	March 25, 2016
Ko *1-No. 1025	Ph.D. in Regeneration and Advanced Medical Sciences	Takeya Oshiro	Development of a rapid diagnostic method for identification of <i>Staphylococcus aureus</i> and antimicrobial resistance in positive blood culture bottles using a PCR-DNA-chromatography method	March 25, 2016
Ko *1-No. 486	Ph.D. in Engineering	Sato Nakazawa	Development of visualization model of rebar corrosion using aqueous gel	March 25, 2016
Ko *1-No. 487	Ph.D. in Engineering	Hiroyuki Nozaki	Improvement regarding the Fair Distribution of Japanese Household Earthquake Insurance	March 25, 2016
Ko *1-No. 488	Ph.D. in Engineering	Takuya Ohata	Evaluation of frost resistance of concrete and applications of HPRCC as repair materials	March 25, 2016
Ko *1-No. 489	Ph.D. in Engineering	Shohei Ogawa	Applicability of heavy metals immobilization technique by combined application of hydroxyapatite and ferrihydrite in the shooting range	March 25, 2016
Ko *1-No. 490	Ph.D. in Engineering	Edwina Zainal	Elucidating the hydrological functions in forested watershed by long term analysis of water balance	March 25, 2016
Ko *1-No. 491	Ph.D. in Engineering	Naoki Murata	Configuration of membrane filtration water treatment system for applications to surface water with algal pollution	March 25, 2016

Ko *1-No. 492	Ph.D. in Engineering	Zubair Bin Khalil	Energy absorption performance of press-formed shell	March 25, 2016
Ko *1-No. 493	Ph.D. in Engineering	Ishak Bin Ibrahim	Fatigue behavior of dissimilar spot welds between aluminum alloy and steel	March 25, 2016
Ko *1-No. 494	Ph.D. in Engineering	Harrison Thuku Ngetha	Dynamic Characteristics and Control of Selemion CMV-based IPMC Actuators	March 25, 2016
Ko *1-No. 495	Ph.D. in Engineering	Yuichiro Nomura	Functional analyses of archaeal tRNA-guanine transglycosylase from methanogenic archaeon	March 25, 2016
Ko *1-No. 496	Ph.D. in Engineering	Yuji Yamaguchi	Analysis of the polysaccharide having high hyaluronidase inhibition from cultured edible blue-green algae	March 25, 2016
Ko *1-No. 497	Ph.D. in Engineering	Siddanagouda Biradar	Effects of Alkyl Groups on the Properties of Dye Molecules	March 25, 2016
Ko *1-No. 498	Ph.D. in Engineering	Masakazu Kogami	Development of efficient synthetic methods of selenium modified nucleosides based on characteristics of silicon element	March 25, 2016
Ko *1-No. 499	Ph.D. in Engineering	Takayuki Yamauchi	Studies on Syntheses of Multi-Substituted Heteroarenes by Using Pd-Phenanthroline Complexes as Catalysts	March 25, 2016
Ko *1-No. 500	Ph.D. in Engineering	Masanori Takehara	Service operation estimation from speech and behavior sensing	March 25, 2016
Ko *1-No. 501	Ph.D. in Engineering	Kazunari Kato	Analysis of energy consumption for adiabatic logic circuit operating in sub-threshold region	March 25, 2016
Ko *1-No. 502	Ph.D. in Engineering	Ngo Thi Thu	Surface plasmon excitation and localization by asymmetric metal-coated dielectric probe	March 25, 2016
Ko *1-No. 503	Ph.D. in Engineering	Wyss Porras Juan Ernesto	Evaluation of the Photovoltaic System Installation Impact to an Electric Power Grid	March 25, 2016
Ko *1-No. 504	Ph.D. in Engineering	Megumi Masui	Development of Selective Non-Catalytic Reduction at Low Temperature	March 25, 2016

Ko *1-No. 505	Ph.D. in Engineering	Liu Yuanyuan	Probabilistic forecasting of solar irradiance using a mesoscale meteorological model	March 25, 2016
Ko *1-No. 649	Ph.D. in Agricultural Science	Dwi Priyo Ariyanto	Water Balance of Small-Farm Reservoir for Rainfed Irrigation under Tropical Monsoon Climate	March 14, 2016
Ko *1-No. 650	Ph.D. in Agricultural Science	Vilanee Suchewaboripont	Carbon Cycling in an Old-Growth Beech-Oak Forest of Mt. Hakusan, Central Japan	March 14, 2016
Ko *1-No. 651	Ph.D. in Agricultural Science	Pham Thu Ha	Agro-ecological Analysis of Distribution Patterns of Tree in Paddy Field Landscapes in Northeast Thailand	March 14, 2016
Ko *1-No. 652	Ph.D. in Agricultural Science	Sana Ben Othman	Study on the Physiological Functions of Water-Soluble Fractions Purified from Defatted Sesame Seed Flour	March 14, 2016
Ko *1-No. 653	Ph.D. in Agricultural Science	Md. Shahin-Al-Mamun	Effects of the Correction of Irrigation Channels on the Paddy Field Ecosystem with Special Reference to the Freshwater Fish	March 31, 2016
Ko *1-No. 654	Ph.D. in Agricultural Science	Wang Siqinbilige	Current Status Assessment and Recovery Forecast of Koyo Poplar (<i>Populus euphratica</i>) Forests in the Kyoen Delta of the Ejina River in Inner Mongolia, China	March 31, 2016
Ko *1-No. 450	Ph.D. in Veterinary Science	Takeshi Shima	Studies on Neural Pathways Modulating Rat Esophageal Peristaltic Motility	March 14, 2016
Ko *1-No. 451	Ph.D. in Veterinary Science	Adjou Moumouni, Paul Franck Adeyissimi	Detection and Characterization of Tick-borne Pathogens of Livestock in Egypt, Kenya and Benin	March 14, 2016
Ko *1-No. 452	Ph.D. in Veterinary Science	Aiko Kume	Effect of Probucol on the Rodent Malaria	March 14, 2016
Ko *1-No. 453	Ph.D. in Veterinary Science	Takehiro Harada	Studies on Reproductive Endocrinology in the Thoroughbred Mare	March 14, 2016
Ko *1-No. 454	Ph.D. in Veterinary Science	Ayako Shiraki	Studies on the Development of Developmental Neurotoxicity Markers in the Framework of General Toxicity Study Using Anti-thyroid Agents	March 14, 2016
Ko *1-No. 455	Ph.D. in Veterinary Science	Hajime Abe	Studies on Establishing a Novel Evaluation Method for Developmental Neurotoxicity through the Mechanism Giving Rise to Demyelination	March 14, 2016
Ko *1-No. 456	Ph.D. in Veterinary Science	Masayuki Kimura	Studies on Establishment of Early Prediction Markers of Carcinogenesis Based on Impaired Expression of Molecules during Cell Cycle Transition	March 14, 2016

Ko *1-No. 457	Ph.D. in Veterinary Science	Kota Okadera	Studies on the Role of Wild Animals in the Infection Cycle of Rotavirus A	March 14, 2016
Ko *1-No. 458	Ph.D. in Veterinary Science	Sachiko Okazaki	Studies on Detection of Japanese Eel Endothelial Cells-infecting Virus in Japanese Eels	March 14, 2016
Ko *1-No. 459	Ph.D. in Veterinary Science	Ryota Matsuyama	Molecular Epidemiology on Populations of Sarcoptes scabiei in Domestic Dogs and Wild Animals in Japan	March 14, 2016
Ko *1-No. 460	Ph.D. in Veterinary Science	Ayaka Okada	Molecular Biological Studies of the Functions of Equine Herpesvirus Type 1 Tegument Protein VP22	March 14, 2016
Ko *1-No. 461	Ph.D. in Veterinary Science	Hiroto Takahashi	Studies on the Local Effects of Corpus Luteum in the Function of Bovine Endometrium During the Preimplantation Period	March 14, 2016
Ko *1-No. 462	Ph.D. in Veterinary Science	Tatsuya Matsubara	Studies on a CD4 Gene Polymorphism in Microminipigs	March 14, 2016
Ko *1-No. 30	Ph.D. in Pharmaceutical Science	Haruka Shinohara	Anti-cancer effects of medium-chain fatty-acid derivative through perturbation of energy metabolism in chronic myeloid leukemia	March 25, 2016
Ko *1-No. 31	Ph.D. in Medical Sciences	Ma Biao	Logical design of anti-prion agents using NAGARA	March 25, 2016
Otsu *2 -No. 77	Ph.D. in Engineering	Fu Xiaoyong	Effects of Pelletization on Vermicomposting of Dewatered Activated Sludge: Studies based on Stabilization Efficiency and Microbial Structure	March 25, 2016
Otsu *2 -No. 140	Ph.D. in Veterinary Science	Yuko Togashi	Studies on the Usefulness of the Cystatin C as a Renal Biomarker and its Localization in Kidney	March 14, 2016
Otsu *2 -No. 141	Ph.D. in Veterinary Science	Kunio Wada	Evaluation of Genotoxicity in Urinary Bladder Epithelium with the Comet Assay	March 14, 2016
Otsu *2 -No. 142	Ph.D. in Veterinary Science	Tsuneyuki Masuda	Studies on Genetic Diversity and Rapid Diagnoses of Domestic Diarrheal Viruses	March 14, 2016
Otsu *2 -No. 143	Ph.D. in Veterinary Science	Harutaka Murase	Studies on Establishment of Fetal Monitoring and Diagnosis of Gonadal Abnormalities by Anti- Müllerian Hormone in Equine Reproduction	March 14, 2016
Otsu *2 -No. 144	Ph.D. in Veterinary Science	Toshinori Oikawa	Studies on Improving Embryo Development using Bovine Intracytoplasmic Sperm Injection	March 14, 2016

*1 Completed the study of the course

*2 Completed by dissertation only

Foreign Researchers Accepted by Gifu University in April

Faculty	Name (Country)	Title, University	Period	Research Title
School of Medicine	Zhang Xiaonan (China)	Lecturer, Dalian Medical University	2016/4/1 ~ 2016/6/30	Epigenetic regulation of cartilage metabolism by mechanical stress
Faculty of Engineering	Roza Linda (Indonesia)	Lecturer, Faculty of Teacher Training and Education, Riau University	2016/4/1 ~ 2016/5/31	Development of poly (ethylene oxide) stationary phases for the separation of cations in capillary liquid chromatography
Faculty of Applied Biological Sciences	Sadhukhan Ayan (India)	/	2016/4/1 ~ 2018/3/31	Integrated GWAS for understanding complex regulation of ROS signaling and stress tolerance