# Monthly Report of Gifu University

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Fall 2014 Commencement Ceremony of the United Graduate School of Agricultural Science (UGSAS) and the United Graduate School of Veterinary Sciences (UGSVS) (Sep. 24)

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<sup>■±★≇±↓</sup> 岐阜大学

## Fall 2014 Commencement Ceremony of the United Graduate School of Agricultural Science and the United Graduate School of Veterinary Sciences

The Fall 2014 commencement ceremony of the United Graduate School of Agricultural Science (UGSAS) and the United Graduate School of Veterinary Sciences (UGSVS), Gifu University took place at Gifu University Hall on Wednesday, September 24. Students who finished the course for Course Doctorate or Dissertation Doctorate of the UGSAS and the UGSVS were conferred doctoral degrees. The Dean of Shizuoka University Graduate School of Agriculture, Gifu University President, Executive Directors, Auditor, Vice-President, the Deans of the UGSAS and the UGSVS attended the ceremony.

Number of students who finished the course:The UGSAS 3 for Course Doctorate, 3 for Dissertation DoctorateThe UGSVS 6 for Course Doctorate, 5 for Dissertation Doctorate



Conferment of degree



A farewell address of the President



Faculty members of the UGSAS



Faculty members of the UGSVS

## Fall 2014 Entrance Ceremony of the United Graduate School of Agricultural Science and the United Graduate School of Veterinary Sciences

The Fall 2014 entrance ceremony of the United Graduate School of Agricultural Science (UGSAS) and the United Graduate School of Veterinary Sciences (UGSVS), Gifu University was held on Wednesday, October 1.

At the ceremony, the Dean of the United Graduate School made a speech and gave words of encouragement to the new students.

#### Student Enrollment

The UGSAS4 students for Doctoral CourseThe UGSVS8 students for Doctoral Course



Faculty members of the UGSAS



Faculty members of the UGSVS

## Dr. Jiban Ranjan Majumder, Economic Minister from Embassy of Bangladesh in Tokyo, visits Gifu University

On Wednesday, September 3, 2014, Dr. Jiban Ranjan Majumder, Economic Minister of Embassy of Bangladesh in Tokyo, visited Gifu University and held meetings with President Hisataka Moriwaki and Dr. Fumiaki Suzuki, Executive Director for International Affairs and Public Relations as well as seven Bangladeshi participants including one researcher, one graduate and five students of Gifu University.

Firstly, the meeting was held between Dr. Jiban Ranjan Majumder and Dr. Suzuki. The two exchanged opinions about the joint research programs undertaken between University of Dhaka and Gifu University and further educational cooperation between the two institutions. University of Dhaka and Gifu University concluded the Agreement for Exchange Program in June 2004.

Dr. Jiban Ranjan Majumder and Dr. Suzuki agreed with acceleration of bilateral relations between Bangladesh and Japan. While talking, they came to realize that some of the officials in educational organizations in Bangladesh are common acquaintances of Dr. Jiban Ranjan Majumder and Dr. Suzuki and such coincidence added the fun to their conversation.

Secondly, the meeting was held between Dr. Jiban Ranjan Majumder and a researcher, a student and graduates of Gifu University from Bangladesh. Dr. Jiban Ranjan Majumder gave many words of encouragement to them after he was briefed on the status of research activities and studies by individual participants.

Thirdly, the meeting was held between President Moriwaki and Dr. Jiban Ranjan Majumder with attendance of Dr. Suzuki, Bangladeshi students and others. President Moriwaki and Dr. Jiban Ranjan Majumder exchanged their views on forming ties among universities in two nations and discussed Gifu University's plan for students' studying abroad including Bangladesh.

Bangladeshi students and others had a chance to talk to Dr. Jiban Ranjan Majumder after his meeting with the President, and they all enjoyed delightful conversations with one another. All the participants looked reluctant to part with Dr. Jiban Ranjan Majumder but saw him off in the hope of meeting him again soon in the future.



Meeting with President Moriwaki



Dr. Jiban Ranjan Majumder (left) and Dr. Suzuki (right)



President Moriwaki (center in the front row), Dr. Suzuki (second from right in the front row), Dr. Jiban Ranjan Majumder (second from left in the front row)

## Students selected under the TOBITATE! Young Ambassador Program visit Gifu University President Moriwaki

Students selected under the TOBITATE! Young Ambassador Program visited Gifu University President Moriwaki on Thursday, September 4.

The TOBITATE! Young Ambassador Program is the Japan Public-Private Partnership Student Study Abroad Program that the Ministry of Education, Culture, Sports, Science and Technology launched this year with the cooperation of private enterprises. 3 Gifu University students, Mr. Yoshihiro Harano (4<sup>th</sup> year of Medical Course, School of Medicine), Mr. Kazumi Okada and Mr. Kiyotada Naito (2<sup>nd</sup> year of Veterinary Science Course, United Graduate School of Veterinary Sciences), were selected as the first-year students for the program.

President Moriwaki encouraged the students to learn a lot and do their best in each country as a representative of Gifu University students. The President also expects the students to make full use of their overseas experience after returning to Japan. Responding to that, the students expressed their strong will to study hard although it would be a big challenge for them as it is the first time to stay abroad for such a long time.

The students will study and do research in their respective fields for carrying out their own study plan and gain valuable experience overseas. Mr. Harano will study in Canada and both Mr. Okada and Mr. Naito are going to Australia.



Photo session

#### Laboratory Tour

On Friday, September 5, Gifu University held a laboratory tour for concerned parties of manufacturing companies and financial institutions in the Gifu region. The purpose of this tour is to enhance the collaboration between industry and Gifu University by showing what kind of research the University has been working on.

This is co-hosted laboratory by Gifu University Head Office for а tour Industry-Government-Academia Collaboration and Gifu University Association for Community Activities and Collaboration. It is held a few times a year for corporate engineers who are the members of Gifu University Association for Community Activities and Collaboration and the staff members of financial institutions in the Gifu region. This time, the Center for Advanced Die Engineering and Technology was introduced, and roughly 40 people joined the tour.

First, a lecture about joint research with a manufacturing company on die engineering and the technologies used for molding and injection was given. After participants deepened understanding of the research through the lecture, they went on to a laboratory tour. On this laboratory tour, participants saw high level of technologies in the process of design, forming and analysis through the demonstration of mold injection and an impact test in the center, and that received much attention from the participants.

Gifu University is not only working on basic study but also practical research that the result can be returned to industry. Participants who learned about the research conducted at Gifu University through the laboratory tour expressed their hope of joining another laboratory tour. It was an important opportunity to reaffirm that a laboratory tour is necessary to enhance the relationship with companies in the region.



A lecture delivered before a tour

Participants on a laboratory tour

#### A workshop for UNESCO Associated Schools in Gifu Prefecture in FY2014

Gifu University held a workshop for UNESCO Associated Schools in Gifu Prefecture in FY2014 at Gifu University Satellite Campus nearby JR Gifu Station on Wednesday, September 17.

Gifu University, a member of UNESCO Associated Schools Project Network (ASPUnivNet), has held this workshop since FY2012 as part of the Japan-UNESCO Partnership Project conducted by the Ministry of Education, Culture, Sports, Science and Technology. The World Conference on Education for Sustainable Development (ESD) will be held in Japan this year, and under such circumstance ESD has been gathering broad attention. Under the theme of this year's workshop "Expanding ESD activities in school and improving its quality", guest lecturers who are engaged in activities of ESD or UNESCO Associated Schools spoke before the participants.

The workshop started with an opening speech from Dr. Fumiaki Suzuki, Director of the Gifu University Office for Academic Globalization. Following the speech, Prof. Kenichi Matsumoto of the Faculty of Human Development (University of Toyama), Specially-Appointed Associate Prof. Yukiko Kobayashi of the Center for Collaborative Study with Community (Gifu University) and Mr. Hiroshi Ono, Senior Teacher of Okayama Prefectural Wakesizutani Senior High School gave a lecture or presentation respectively. Prof. Matsumoto of the University of Toyama said the goal of ESD is cultivating "a warm-hearted human being" that is a person who can accept diversity and think about future, and it is important to realize warm feelings which children naturally have and embrace it. Specially-Appointed Associate Prof. Kobayashi of the Center for Collaborative Study with Community encouraged utilization of local government, NPO, or associations in the prefecture when practicing ESD such as environmental education in school. Mr. Ono, Senior Teacher of Okayama Prefectural Wakesizutani Senior High School, spoke about the case that awareness of students was raised through UNESCO activities such as volunteer work taking advantage of historic resources in the region. Mr. Ono also mentioned that ESD would not be so difficult if introducing educational measures, including group learning and considering the link between educational materials, into classes.

Roughly 20 faculty and staff working for elementary schools and junior and senior high schools in Gifu Prefecture and UNESCO Association staff attended the workshop, and they listened attentively to lectures. At a panel discussion led by Prof. Toru Tatsumi of English Education Course (Faculty of Education) in the latter half of the workshop, participants actively exchanged information on ESD.

After the workshop, we received feedback from the participants such as "It was very helpful." and "As a teacher, I learned the importance of ESD for educational activities we are currently pursuing in the school." It was a great opportunity to deepen participants' understanding of ESD and reflect that into ESD practice in their respective schools.





A lecture by Prof. Matsumoto of the University of Toyama

 $\mathbf{Q\&}\mathbf{A}\ \mathbf{session}$ 

#### The 3<sup>rd</sup> press conference by Gifu University President

The 3<sup>rd</sup> press conference was held by the University President on Wednesday, September 17, 2014.

At the press conference, Gifu University President Hisataka Moriwaki presented an overview of the University's efforts toward internationalization and educational approaches related to "Future Visions from the 3rd Period Onward". As one of the achievements, President Moriwaki brought up the news that the Medical Education Development Center (MEDC) received re-accreditation from the Ministry of Education, Culture, Sports, Science and Technology.

Following the presentation, Dr. Yasuyuki Suzuki, Director of MEDC, detailed that MEDC became re-accredited as the sole Collaboration Center for Medical Education in Japan by the Ministry of Education, Culture, Sports, Science and Technology.

MEDC was established in 2001 and was accredited as the Collaboration Center for Medical Education in 2010. MEDC has been held seminars more than 50 times and a total of more than 6,000 people participated in the seminars. Dr. Suzuki mentioned that the recognition of the seminars could lead to re-accreditation of the center.

The period of re-accreditation is from FY2015 to the end of FY2019, and Dr. Suzuki expressed the intention to promote the development of world-class medical education in the medical fields which have been getting more complicated, sophisticated and internationalized, and to cultivate human resources that can play an active role in the world.

After the press conference, the University conducted a facility tour of MEDC and Skills-lab which is under the control of the center.



President Hisataka Moriwaki



Dr. Yasuyuki Suzuki, Director of MEDC

Announcements at the 3<sup>rd</sup> press conference are as follows:

President Hisataka Moriwaki
Overview of "Future Visions from the 3rd Period Onward"

• Dr. Yasuyuki Suzuki, Director of MEDC

MEDC became re-accredited as the sole Collaboration Center for Medical Education in Japan by the Ministry of Education, Culture, Sports, Science and Technology.

#### The 2<sup>nd</sup> Meeting of Selected Schools under the Center of Community (COC) Program

On Wednesday, September 10, Gifu University held the 2<sup>nd</sup> Meeting of Selected Schools under the Center of Community (COC) Program at Gifu University Satellite Campus.

The 1<sup>st</sup> meeting was conducted by Gifu University's call, and 9 national, public and private schools selected under the FY2013 COC program participated in the meeting last October. It was decided to hold the meeting regularly as it is important to share useful information such as each school's efforts and challenges among selected universities.

Newly-selected 4 schools under the FY2014 COC program joined in the 2<sup>nd</sup> meeting, and in total 35 staff members from 13 schools attended. Particularly newly-selected school members asked a lot of questions including the situation after the COC program started and innovative efforts other schools have made, and the participants actively exchanged information.

In the meeting, a new proposal for student exchange projects using the network of 13 participating universities was made, and the participating schools agreed to work together on the COC program.



Attendees exchange information in the meeting

#### Gifu University delegation visits Indian Institute of Technology Guwahati

Dr. Hisataka Moriwaki, President of Gifu University, Dr. Fumiaki Suzuki, Executive Director for International Affairs and Public Relations, Dr. Hiroyuki Koyama, Advisor to the President and Dr. Makoto Kiso, Specially-Appointed Professor of the Faculty of Applied Biological Sciences of Gifu University visited Indian Institute of Technology Guwahati (IIT-G), one of the sister universities of the United Graduate School of Agricultural Science (UGSAS) and the Faculty of Engineering of Gifu University, on Sunday 21st and Monday 22nd September, 2014.

The opinion exchange meeting was held between IIT-G senior officials and the Gifu University delegation to discuss international and inter-institutional joint cooperative educational programs. The participants of the meeting on the side of IIT-G are: Prof. Gautam Biswas, Director of IIT-G, Prof. A. K. Ghosal, Dean (Academic), Prof. P. Mohanta, Dean (Faculty Affairs), and the deans and the faculty staff in charge of joint cooperative education programs.

In the meeting, both the Gifu University delegation and the IIT-G officials proposed their own joint programs, and the participants vigorously exchanged opinions for the program details. After intense discussions, both parties agreed with the program contents and Director of IIT-G and President of Gifu University signed the Memorandum of Understanding (MoU) for implementation of joint programs. The meeting turned to become quite a successful and productive one.

During the visit, Dr. Makoto Kiso's lecture at Department of Chemistry, IIT-G facility tour (the students dormitory) and a discussion regarding joint programs were conducted, and that helped strengthen the ties between universities.



Prof. Gautam Biswas, Director of IIT-G and President Moriwaki Signed the MOU



Lecture by Dr. Makoto Kiso

## Delegation from Seoul National University of Science and Technology visits Gifu University

Five delegation members from Seoul National University of Science and Technology represented by Mr. Tae-cheol Kim visited Gifu University on Thursday, September 25, 2014. The sister university relationship started in 1992 between Seoul National University of Technology (predecessor of the current Seoul National University of Science and Technology) and Gifu University, and the two institutions have maintained robust relations for more than two decades ever since. All the delegation members from Seoul this time are the administrative staff from the section chief on down.

The meeting began between the delegation members and their counterparts of Gifu University in accordance with the question items regarding PR Activities, Personnel Affairs, Planning and Student Affairs sent to Gifu University from Seoul prior to the delegation visit. During the meeting, participants introduced their work at their respective universities and shared information with one another. Fewer visits to Gifu University by the administrative staff from sister universities overseas were realized so far and the meeting this time helped the participants not only deepen their understanding about each university and differences in educational systems, but address common challenges ahead for both universities.

After the meeting, the delegation made a courtesy visit to the President Office, and met with President Hisataka Moriwaki, Dr. Fumiaki Suzuki, Executive Director for International Affairs and Public Relations, Mr. Masaki Yokoyama, Executive Director for General Affairs and Finance, Mr. Harushige Kimura, Director of Academic and International Affairs Department. After President Moriwaki's welcome speech, Mr. Yokoyama who is also responsible for human resources development, expressed his intentions to send Gifu University administrative staff to Seoul National University of Science and Technology in order for them to broaden their knowledge for their work in the future. The delegation welcomed his idea and the meeting ended in quite a positive and friendly tone.

After their visit to the President Office, the delegation was escorted to the International House, a dormitory for international students at the request of the delegation.

It is hoped that the visit of the delegation from Seoul National University of Science and Technology to Gifu University will further activate exchanges between the two universities in the fields of education and research as well as administrative work for years to come.



President Moriwaki (fourth from right in the front row), Mr. Tae-cheol Kim (third from right in the front row), Dr. Suzuki (second from right in the back row), Mr. Yokoyama (third from right in the back row), Mr. Kimura (fourth from right in the back row)

#### **Conferment of Court Ranks and Decorations**

Court ranks and decorations were conferred upon the former staff member of Gifu University.

The late Prof. Emeritus Masao Ohbuchi, Former Professor of Faculty of General Education Jushii (Junior Fourth Rank) The Order of the Sacred Treasure, Gold Rays with Neck Ribbon (Aug. 28, 2014)

The late Mr. Tadao Yuguchi, Former Deputy Director of Student Affairs Department Shogoi (Senior Fifth Rank)

The Order of the Sacred Treasure, Gold and Silver Rays (Aug. 31, 2014)

| Degree A | warding |
|----------|---------|
|----------|---------|

| Degree                       | Diploma Number | Name                     | Date of Degree           | Title of Dissertation   |
|------------------------------|----------------|--------------------------|--------------------------|---|
| Ph.D. in Medical<br>Sciences | No. Ko-957     | HATTORI, Shinichi        | Awarded<br>Sep. 10, 2014 | Detection of Bladder Cancer by Measuring<br>CD44v6 Expression in Urine With Real-time<br>Quantitative Reverse Transcription<br>Polymerase Chain Reaction                            |
| Ph.D. in Medical<br>Sciences | No. Ko-958     | TAKAGI, Toshinori        | Sep. 10, 2014            | Temporal activation of Nrf2 in the<br>penumbra and Nrf2 activator-mediated<br>neuroprotection in ischemia–reperfusion<br>injury   |
| Ph.D. in Medical<br>Sciences | No. Ko-959     | SAKOU, Shunji            | Sep. 10, 2014            | The Position of a Standard Optical<br>Computer Mouse Affects Cardiorespiratory<br>Responses during the Operation of a<br>Computer under Time Constraints                            |
| Ph.D. in<br>Engineering      | No. Ko-456     | KOBAYASHI,<br>Yoshimitsu | Sep. 30, 2014            | Design and construction of active<br>electromagnetic levitation conveyance<br>system with current and magnetic flux<br>feedback   |
| Ph.D. in<br>Engineering      | No. Ko-457     | Guo Min                  | Sep. 30, 2014            | Historical study of relationship between<br>land use and transport service policies in<br>Gifu City and its policy evaluation using an<br>integrated traffic assignment model       |
| Ph.D. in<br>Engineering      | No. Ko-458     | Ahmad Soleh<br>Setiyawan | Sep. 30, 2014            | Occurrence and behavior of an indicator of<br>enteric viruses in local water environment<br>receiving effluents of small-scale onsite<br>wastewater treatment facilities (johkasou) |
| Ph.D. in<br>Engineering      | No. Ko-459     | SHINYA, Kazuhide         | Sep. 30, 2014            | Performance evaluation of HPFRCC as<br>repair-material for concrete structures  |
| Ph.D. in<br>Engineering      | No. Ko-460     | TANIBE, Toru             | Sep. 30, 2014            | Ring restraining testing and spalling index<br>of concrete at high temperature  |
| Ph.D. in<br>Engineering      | No. Ko-461     | ISHIGURE,<br>Yasuhiko    | Sep. 30, 2014            | Research on high speed and light weight pruning robots  |

| Ph.D. in<br>Engineering             | No. Ko-462   | Muhammad Ilhamdi<br>Rusydi | Sep. 30, 2014 | Control of robot manipulators using<br>electrooculography   |
|-------------------------------------|--------------|----------------------------|---------------|---|
| Ph.D. in<br>Engineering             | No. Ko-463   | ONO, Sachiko               | Sep. 30, 2014 | Governance for cooperative infrastructure<br>management   |
| Ph.D. in<br>Agricultural<br>Science | No. Ko-632   | Khandra Fahmy              | Sep. 24, 2014 | The Optimal Design of Modified<br>Atmosphere Packaging Based on the<br>Environmental Factors Analysis for the<br>Alleviation of Chilling Injury in Cucumber<br>Fruits |
| Ph.D. in<br>Agricultural<br>Science | No. Ko-633   | Muren                      | Sep. 24, 2014 | Endocrinological Studies on Reproductive<br>Physiology for the ex situ Conservation of<br>Rare Equine   |
| Ph.D. in<br>Agricultural<br>Science | No. Ko-634   | TAKAI, Rie                 | Sep. 24, 2014 | Research of Salvia divinorum Investigation<br>Method  |
| Ph.D. in<br>Agricultural<br>Science | No. Otsu-142 | UCHIKAWA,<br>Yoshiyuki     | Sep. 24, 2014 | Studies on Conservation and Land<br>Consolidation Planning of Terraced Paddy<br>Fields as Cultural Landscapes   |
| Ph.D. in<br>Agricultural<br>Science | No. Otsu-143 | NIIKAWA, Takeshi           | Sep. 24, 2014 | Studies on Characteristics of Carotenoid<br>Accumulation and Enhancement of<br>Carotenoid Concentration in Japanese<br>Persimmon                                      |
| Ph.D. in<br>Agricultural<br>Science | No. Otsu-144 | YASUDA, Shoko              | Sep. 24, 2014 | Studies on Acid Phosphatase Genes from a<br>Miso Koji Mold  |
| Ph.D. in<br>Veterinary<br>Sciences  | No. Ko-425   | MATSUHISA,<br>Fumikazu     | Sep. 24, 2014 | Studies on the Effect of Psychological Stress<br>on Platelet Aggregation in Mice  |

| Ph.D. in<br>Veterinary<br>Sciences | No. Ko-426   | ONAMI, Saeko      | Sep. 24, 2014 | Evaluation of Toxicity of 3-<br>Monochloropropane-1,2-diol Fatty Acid<br>Esters  |
|------------------------------------|--------------|-------------------|---------------|--|
| Ph.D. in<br>Veterinary<br>Sciences | No. Ko-427   | MATSUO, Saori     | Sep. 24, 2014 | Studies on Establishment of Pediatric<br>Tumor Model with Ptch1 Heterozygous Mice<br>and Usability of Evaluation Method to<br>Assess Modifying Effects of Exposure to<br>Chemicals During Developmental Period<br>Using Ptch1 Mice |
| Ph.D. in<br>Veterinary<br>Sciences | No. Ko-428   | GUO Xiaoqin       | Sep. 24, 2014 | Studies on Viral Genes related to the<br>Virulence of Equine Herpesvirus 9 and the<br>Phylogenetics of Equine Herpesvirus  |
| Ph.D. in<br>Veterinary<br>Sciences | No. Ko-429   | SATO, Yusuke      | Sep. 24, 2014 | Molecular Epidemiological Characterization<br>of Staphylococcus aureus Isolates from<br>Food-poisoning Outbreaks   |
| Ph.D. in<br>Veterinary<br>Sciences | No. Ko-430   | Abdul Qadir Qadis | Sep. 24, 2014 | Studies on the Effects of a Bacterial<br>Probiotic on Ruminal Components and<br>Cellular Immune Function in Holstein<br>Calves   |
| Ph.D. in<br>Veterinary<br>Sciences | No. Otsu-131 | OTSUKI, Noriyuki  | Sep. 24, 2014 | Studies on Infection Mechanisms and Host<br>Range of Canine Distemper Virus  |
| Ph.D. in<br>Veterinary<br>Sciences | No. Otsu-132 | HAYAMA, Yoko      | Sep. 24, 2014 | Epidemiological Analysis and Quantitative<br>Evaluation of Control Measures for the<br>Food-and-Mouth Disease Epidemic   |
| Ph.D. in<br>Veterinary<br>Sciences | No. Otsu-133 | AOKI, Takahiro    | Sep. 24, 2014 | Studies on the Early Diagnosis and<br>Prevention of Puerperal Fever in Heavy<br>Draft Mares  |
| Ph.D. in<br>Veterinary<br>Sciences | No. Otsu-134 | MASUNO, Koichi    | Sep. 24, 2014 | Studies on Pathogenicity of<br>Cryptosporidium andersoni Infection   |

| Ph.D. in<br>Veterinary<br>Sciences    | No. Otsu-135 | NAKAMURA,<br>Hideaki | Sep. 24, 2014 | Studies on Experimental Approach for<br>Evaluation about Efficacy and Safety of<br>Antioxidants            |
|---------------------------------------|--------------|----------------------|---------------|--|
| Ph.D. in<br>Pharmaceutical<br>Science | No. Ko-26    | Ren Qin              | Sep. 30, 2014 | Synthesis and properties of nucleic acid<br>oligomers containing the ethynylbenzene-<br>substituted glycol |
| Ph.D. in Medical<br>Sciences          | No. Ko-27    | Alwis Nazir          | Sep. 30, 2014 | Application of Data Mining in Healthcare   |

#### **Recipients of Awards**

## Kagaku Kogaku Ronbunshu, Outstanding Paper Award of 2013

The recipient of awards: Prof. Yoshinori Itaya of Faculty of Engineering Title of Dissertation: Enhancement of LiBr-Water Absorption Heat Pump Performance by Supersaturated Fine Crystal Slurry Date Awarded: March 18, 2014

## Kagaku Kogaku Ronbunshu, Outstanding Paper Award of 2013

The recipient of awards: Associate Prof. Nobusuke Kobayashi of Faculty of Engineering Title of Dissertation: Enhancement of LiBr-Water Absorption Heat Pump Performance by Supersaturated Fine Crystal Slurry Date Awarded: March 18, 2014

## Industrial Arts and Homemaking Education Society of Gifu Prefecture, Best Teaching Material Award 2014

The recipient of awards: Hiroyuki Miyagawa, Faculty-Affiliated Junior High School Teacher Date Awarded: August 21, 2014

## Industry-Academia Collaboration

| Joint Research             |                | Research contracts as of September 2014 |
|----------------------------|----------------|---|
| Faculty /                  | Principal      | Government / Company                    |
| Department                 | Researcher     |   |
| Faculty of                 | KUBO, Kazuhiro | TANAKA METAL FACTORY CO., LTD.          |
| Education                  |                |   |
| Faculty of                 | OHASHI,        | Kosei Co., Ltd.                         |
| Engineering                | Keisuke        |   |
| Faculty of                 | KATO, Kunihito | KYB Corporation                         |
| Engineering                |                |   |
| Faculty of                 | КАТОН,         | NIPPON STEEL & SUMITOMO METAL           |
| Engineering                | Masahiko       | CORPORATION / OBAYASHI                  |
|                            |                | CORPORATION                             |
| Faculty of                 | KAMBARA,       | Tohoku Electric Power Co., Inc.         |
| Engineering                | Shinji         |   |
| Faculty of                 | KUNIEDA,       | Hilti (Japan), Ltd.                     |
| Engineering                | Minoru         |   |
| Faculty of                 | KURAUCHI,      | Vehicle Information and Communication   |
| Engineering                | Fumitaka       | System Center                           |
| Faculty of                 | NAKAI, Asami   | Mizuno Corporation                      |
| Engineering                |                |   |
| Faculty of                 | WANG, Zhigang  | TOYOTA MOTOR CORPORATION                |
| Engineering                |                |   |
| Faculty of                 | WANG, Zhigang  | TOYOTA MOTOR CORPORATION                |
| Engineering                |                |   |
| Faculty of Applied         | YANASE, Emiko  | SALADCOSMO Co., Ltd.                    |
| <b>Biological Sciences</b> |                |   |
| United Graduate            | INAGAKI,       | Meiji Co., Ltd.                         |
| School of                  | Mizuho         |   |
| Agricultural               |                |   |
| Science                    |                |   |

| Commissioned Research |            | Research contracts as of September 2014    |
|-----------------------|------------|--|
| Faculty /             | Principal  | Government / Company                       |
| Department            | Researcher |  |
| Graduate School of    | AKIYAMA,   | Health Service Bureau, Ministry of Health, |
| Medicine              | Haruhiko   | Labour and Welfare                         |
| Graduate School of    | FUKAO,     | Health Service Bureau, Ministry of Health, |
| Medicine              | Toshiyuki  | Labour and Welfare                         |

## Media Information

Newspapers (September 2014)

| Date of<br>Publication | Newspaper | Contents   |
|------------------------|-----------|--|
| Sep. 2                 | Gifu      | Column "A Report from University": Establishing a trust relationship with<br>people from the local community is important for general physicians.<br>(Specially-Appointed Prof. Takashi Yamada of the Center for Regional<br>Medicine, School/Graduate School of Medicine) |
| Sep. 2                 | Chunichi  | Gifu University students make use of their work experience to contribute to the community and suggest measures for community revitalization. (Center for Collaborative Study with Community)   |
| Sep. 3                 | Asahi     | In the Tokai Collegiate American Football League, Gifu University American<br>Football Club "Phantoms" plays in the first division for the first time in eight<br>years. The team employs a kicker just for kicking and aims at two wins this<br>season.                   |
| Sep. 4                 | Asahi     | Gifu University research group had the result of DNA analysis that the<br>Japanese wolf is the subspecies of the wolf living in Western countries. (Prof.<br>Naotaka Ishiguro, Prof. Shuichi Matsumura and others of the United Graduate<br>School of Veterinary Sciences) |
| Sep. 4                 | Yomiuri   | Prof. Takamizawa and others of Gifu University succeeded in converting the<br>discarded lawn clippings into biofuel. They still have a cost problem for its<br>practical use. (Prof. Kazuhiro Takamizawa of the Faculty of Applied Biological<br>Sciences)                 |
| Sep. 5                 | Gifu      | A Consortium for the Development of Next-Generation Energy Technology was<br>established. The subjects of next-generation energy technology and<br>Industry-Government-Academia collaboration came up for discussion. (Center<br>for Innovative Photovoltaic Systems)      |
| Sep. 5                 | Chunichi  | An explosion was caused by the mixture of heat-generating coals and oxygen.<br>Experts said never let coals contact with oxygen. (Prof. Shinji Kambara of<br>Environmental and Renewable Energy Systems Division, Graduate School of<br>Engineering)                       |
| Sep. 6                 | Gifu      | Prof. Emeritus Yozo Kato was conferred the court rank of Shoshii (Senior<br>Fourth Rank).  |
| Sep. 7                 | Gifu      | September 9 <sup>th</sup> is <i>Kyukyu-no-hi</i> , EMS (Emergency Medical Services) Day. EMS<br>Week just started today, and establishment of a broad-based medical system<br>will be expected. (Prof. Shinji Ogura, the Director of University Hospital)                  |

| Date of<br>Publication | Newspaper | Contents  |
|------------------------|-----------|---|
| Sep. 8                 | Gifu      | Column "Let's ask a family doctor.": Self-examination of malignant melanoma<br>is possible. There are five diagnostic features, and the size, shape and change in<br>a mole should be paid careful attention. (Ms. Mika Sato, the Clinical Lecturer of<br>Dermatology Department, University Hospital)              |
| Sep. 8                 | Gifu      | Proposing the measures to protect clear waters at a symposium "Purifying<br>Living Drainage is Necessary" under the theme of water environment (Water<br>Restoration Technology Research Center)  |
| Sep. 9                 | Chunichi  | Think about "regional revitalization" in Gifu (Lecturers: the teaching staff of the Faculty of Regional Studies)  |
| Sep. 9                 | Mainichi  | Will the Gifu City Office be relocated? A vacant lot where the School of Medicine, Gifu University used to be is the candidate site.  |
| Sep. 9                 | Gifu      | Column "A Report from University": Developing next-generation technology by<br>the understanding of fluid (Associate Prof. Okihiro Sawada of Applied Physics<br>Course, the Department of Electrical, Electronic and Computer Engineering,<br>the Faculty of Engineering)   |
| Sep. 10                | Yomiuri   | Tomatoes grown in plastic bags were shipped out. The research team of Gifu<br>University and Gifu Prefecture figured out that the cultivation method brings<br>some benefits such as decreasing the effect of soil-borne diseases, cutting<br>maintenance expenses and stable production.                           |
| Sep. 11                | Gifu      | Children looked surprised to know the estimated amount of money we spend<br>during our lifetime and said they feel grateful to their parents. (Prof. Chiho<br>Oyabu of the Faculty of Education)  |
| Sep. 13                | Gifu      | Column "Yukaicho": Getting old and aging (Prof. Emeritus Hirotoshi Iwata)   |
| Sep. 15                | Chunichi  | In Takayama City, Gifu University students discussed and suggested the way<br>young people get to know better about Hida beef. (The first-year students of<br>the Faculty of Applied Biological Sciences)   |
| Sep. 15                | Chunichi  | Children in Mizuho City learned about "living and money" by playing a game.<br>(Prof. Chiho Oyabu of the Faculty of Education)  |
| Sep. 17                | Gifu      | A <i>rikejo</i> (a female student in the science and engineering major) from Gifu<br>University Graduate School spoke about biological research and how<br>interesting science can be at Nagara High School. (Ms. Chiharu Komori, the<br>second year-student of the Graduate School of Applied Biological Sciences) |
| Sep. 18                | Gifu      | Gifu University Medical Education Development Center (MEDC) became<br>re-accredited as the sole Collaboration Center for Medical Education in Japan.<br>(Dr. Yasuyuki Suzuki, the Director of MEDC)   |

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| Sep. 18                | Asahi     | Responding to re-accreditation of MEDC as the sole Collaboration Center for<br>Medical Education in Japan by the Ministry of Education, Culture, Sports,<br>Science and Technology, further human resource development will be expected.<br>(Dr. Yasuyuki Suzuki, the Director of Medical Education Development Center)                                      |
| Sep. 20                | Gifu      | Column "Yukaicho": What is "frailty"? (Prof. Emeritus Hirotoshi Iwata)   |
| Sep. 20                | Yomiuri   | 78 organizations participated in the organization meeting of joint research<br>group for creating forestry business opportunities (Consortium for Forest<br>Technology Development and Extension in Gifu Prefecture)   |
| Sep. 22                | Yomiuri   | Column "Lab News": Creating the three-dimensional image of organs and<br>utilizing it for medical education materials and research (Associate Prof. Ryugo<br>Kijima of the Faculty of Engineering)   |
| Sep. 23                | Gifu      | Column "A Report from University": Preserving <i>Mino Shiba Inu</i> , a type of<br>Japanese dog (Prof. Shuichi Matsumura of Animal Science, the Course of<br>Agricultural & Environmental Science, the Faculty of Applied Biological<br>Sciences)  |
| Sep. 26                | Gifu      | A clinical trial study at Gifu University Hospital shows applying pressure on<br>eardrums by a portable device can contribute to the symptom suppression of<br>Meniere's disease such as ringing in the ears and dizziness. (Associate Prof.<br>Mitsuhiro Aoki of the Department of Oto-Rhino-Laryngology and Head and<br>Neck Surgery, University Hospital) |
| Sep. 26                | Gifu      | Researchers and local residents work together and established an organization<br>for the mission to conserve native species of Mt. Kinka. They launch an<br>environmental education project for alien species control. (Assistant Prof. Junji<br>Moribe of the Faculty of Applied Biological Sciences)   |
| Sep. 27                | Gifu      | Column "Yukaicho": The benefits of drinking coffee and the amount of coffee intake (Prof. Emeritus Hirotoshi Iwata)  |
| Sep. 28                | Asahi     | Gifu University Chorus Club won a special award at the Chubu Choral<br>Competition and will move on to participate in the National Choral<br>Competition   |
| Sep. 29                | Gifu      | Ms. Takai who has studied dangerous drugs received a doctoral degree. It is the 8 <sup>th</sup> doctoral degree-holder in the Crime Laboratory of the Gifu Prefectural Police, which is the highest rate in the country. (Ms. Rie Takai, Senior Researcher, the United Graduate School of Agricultural Science)  |
| Sep. 29                | Asahi     | Gifu University Faculty-affiliated Junior High School received the Bronze prize<br>at the Chubu Choral Competition. Koubun Junior High School will move on to  |

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|                        |           | participate in the National Choral Competition.   |
| Sep. 30                | Gifu      | Gifu University Extension Course: Citing an actual case of Wara Town<br>revitalized by checking each community (The Faculty of Regional Studies)                          |
| Sep. 30                | Gifu      | Column "A Report from University": Intervening in the early phase of bullying<br>(Prof. Osamu Hashimoto of Teacher Education Course, the Graduate School of<br>Education) |

#### Meetings

◇The 8<sup>th</sup> Meeting of Committee for Curriculum-Organization for Liberal Arts' Education Monday, September 1 Agenda

- 1. Partial Changes to Part-Time Teaching Staff Recruitment Plan for FY2014
- 2. Term Extension for Non-Degree Students
- 3. Recognition of Credits Earned Outside the University
- 4. Part-Time Teaching Staff Cutback

⊘The 453<sup>rd</sup> Board Meeting

Thursday, September 4

Agenda

- 1. FY2014 Performance Evaluation Results of Teaching Staff who Reaches a Specified Age (Draft)
- 2. Application for Specially-Appointed Teaching Staff Employment
- 3. Changes to the Retirement Age for Flexible Retirement System

 $\diamondsuit The 5^{\rm th}$  Meeting of Gifu University Office for Academic Globalization

Tuesday, September 16

Agenda

1. Conclusion of Academic Exchange Agreement with Paris-Sud University (France)

 $\bigcirc$ The 5<sup>th</sup> Meeting of Committee for Higher Education and Student Support

Tuesday, September 16

Agenda

- 1. Curriculum-Organization for General Education Courses
- 2. Academic Calendar FY2015 (Draft)
- 3. Community Activities through the Education Program for Future Community Leaders Criteria for Selecting Courses/Courses for Community Practice (Draft)
- 4. Exemption of Admission Fee and Spring Semester Tuition Payment for FY2014
- ♦ The 454<sup>th</sup> Board Meeting

Thursday, September 18

Agenda

- 1. Support for Global Education Program (tentative name)
- 2. Application for Specially-Appointed Teaching Staff Employment

♦ The 5<sup>th</sup> Conference of Deans & Department Directors

Thursday, September 18 Agenda

1. Changes to the Gifu University Rules and Regulations for Research Integrity concerning the Uses of Competitive Funds

 $\odot$ The 9<sup>th</sup> Meeting of Committee for Curriculum-Organization for Liberal Arts' Education

Monday, September 22

Agenda

1. Partial Changes to Part-Time Teaching Staff Recruitment Plan for FY2014

♦ The 5<sup>th</sup> Meeting of Committee for Entrance Examination

Wednesday, September 24 Agenda

- 1. Partial Amendments to the Method for Selection of Applicants for the Medical Course in School of Medicine (Special Admission on Recommendation II)
- 2. Guidelines for Applicants for General Admission 2015
- 3. Guidelines for Applicants for Special Admission on Recommendation II 2015
- 4. Guidelines for Special Admission for Privately-Financed International Students 2015

◇The 455<sup>th</sup> Board Meeting Thursday, September 25 Agenda

- 1. Action Plan for FY2014
- ⊘The 456<sup>th</sup> Board Meeting

Thursday, September 25 Agenda

- 1. Academic Exchange Agreement with Paris-Sud University (France)
- 2. Partial Amendments to the Rules and Regulations Prescribing Teaching Staff's Term

 $\bigcirc$ The 128<sup>th</sup> Education and Research Council Meeting

Thursday, September 25

Agenda

- 1. Academic Exchange Agreement with Paris-Sud University (France)
- 2. Partial Amendments to Administrative Rules and Regulations
- 3. Partial Amendments to Rules and Regulations Prescribing Teaching Staff's Term
- 4. Partial Amendments to Rules and Regulations for Retirement Benefits of Gifu University Staff Members

♦ The 6<sup>th</sup> Meeting of Gifu University Office for Academic Globalization

Monday, September 29

Agenda

- 1. Action Plan for Internationalization at Gifu University
- 2. Sister Universities that the term of agreement expired

#### **Campus Report**

| Month     | Day             | Events  |
|-----------|-----------------|---|
| September | $\frac{1}{2}$   | The 8th Meeting of Committee for Curriculum-Organization for Liberal Arts' Education<br>Meeting of Organization for Promotion of Higher Education & Student Support   |
|           | 3               | Medicine)   |
|           | 4               | The 453rd Board Meeting   |
|           |                 | Admission examination for the United Graduate School of Veterinary Sciences (The first term for fall admissions)  |
|           | 5               | Graduate School Committee Meeting, Board of Representatives' Meeting (United<br>Graduate School of Veterinary Sciences)   |
|           | 8               | first term)   |
|           | 9               | Graduate School Committee Meeting, Board of Representatives' Meeting (United<br>Graduate School of Agricultural Science)<br>Announcement of the first term examination result (United Graduate School of<br>Veterinary Sciences)  |
|           | 10              | Faculty Meeting of Graduate School of Medicine & Medical Course (School of Medicine)  |
|           |                 | Faculty Meeting, Board of Representatives' Meeting (Faculty of Engineering)   |
|           |                 | Faculty Meeting (Media)   |
|           | 12              | Program)  |
|           | 12              | Admission examination for Nursing Course, School of Medicine (Third-Year Transfer)  |
|           |                 | The 5th Meeting of Gifu University Office for Academic Globalization  |
|           | 16              |   |
|           |                 | The 5th Meeting of Committee for Higher Education and Student Support<br>Graduate School Committee Meeting (United Graduate School of Drug Discovery and<br>Medical Information Sciences)   |
|           | 17              | The 3rd press conference by Gifu University President   |
|           | 18              | The 454th Board Meeting   |
|           |                 | The 5th Conference of Deans & Department Directors  |
|           | 19              | Announcement of the first term examination result (United Graduate School of<br>Agricultural Science)   |
|           | $\frac{22}{24}$ | The 9th Meeting of Committee for Curriculum-Organization for Liberal Arts' Education<br>Commencement ceremony of the United Graduate School of Agricultural Science and<br>the United Graduate School of Veterinary Sciences  |
|           |                 | The 5th Meeting of Committee for Entrance Examination   |
|           |                 |   |
|           |                 | Faculty Meeting, Graduate School Committee Meeting (Regional Studies)   |
|           | ~~              | Faculty Meeting (River Basin Research Center, Life Science Research Center)   |
|           | 25              | The 455th and 456th Board Meeting   |
|           |                 | The 128th Education and Research Council Meeting  |
|           | 26              | Admission examination for the Graduate School of Regional Studies (Master's Program<br>Admission examination for Medical Science, Graduate School of Medicine (Doctoral<br>Program) until Sep. 30<br>Admission examination for Regeneration & Advanced Medical Sciences, Graduate |
|           |                 | School of Medicine (Doctoral Program)   |
|           | 29              | The 6th Meeting of Gifu University Office for Academic Globalization  |
|           |                 | Commencement ceremony of the Graduate School of Regional Studies  |
|           |                 | Commencement ceremony of the Graduate School of Engineering   |
|           |                 | Commencement ceremony of the United Graduate School of Drug Discovery and<br>Medical Information Sciences   |
| October   | 1               | Entrance ceremony of the Graduate School of Engineering for fall semester   |
|           | -               | Entrance ceremony of the United Graduate School of Agricultural Science and the<br>United Graduate School of Veterinary Sciences for fall semester  |
|           |                 | Entrance ceremony of the United Graduate School of Drug Discovery and Medical<br>Information Sciences for fall semester   |