

Great Voyage

Vol.6 January 2013



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News

Doshisha University Selected for MEXT's 'Global Human Resource Development Promotion Project' 2012

The 'Doshisha Educational Program Filled with Conscience and Enterprise for Global Competence' has been selected to receive a grant under the 'Project for the Promotion of Global Human Resource Development' (Type A: Campus-wide Initiative) by the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

This project aims to help encourage Japanese young people overcome 'introverted' tendencies, embark on travel abroad, and play active roles in the global arena based on the reinforcement of international industrial competitiveness and bonds between countries. Under this project, selected universities are provided financial support by the government for implementing effective measures to establish an environment for the globalization of university education.

Doshisha University is currently implementing the 'Project for Establishing a University Network for Internationalization' (Global 30) with the main aim of promoting the acceptance of international students. In contrast, with the Project for the Promotion of Global Human Resource Development, the university aims to facilitate the globalization of students at Doshisha University with a focus on study abroad programs. We hope this opportunity will further enrich and accelerate the globalization of Doshisha University.

[Outline of Doshisha's Educational Program]

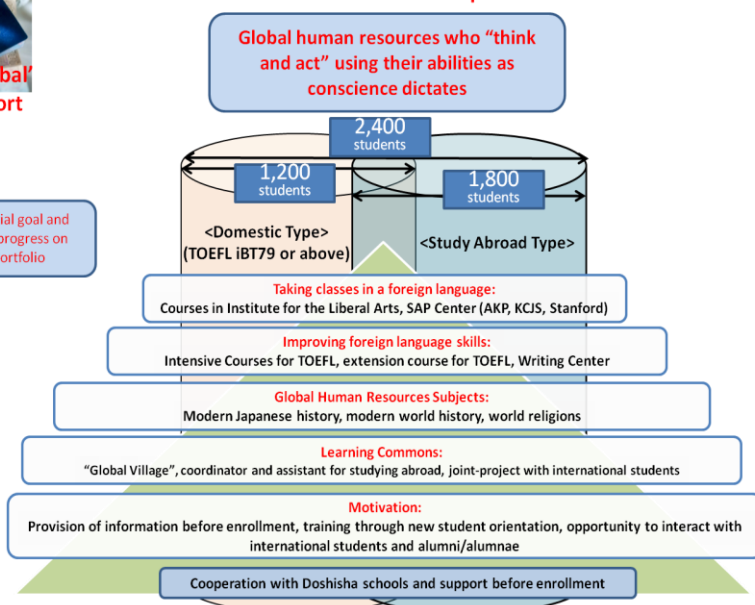
'Doshisha Educational Program Filled with Conscience and Enterprise for Global Competence' aims to encourage the growth and cultivation of the overall personality of each individual student during their time at Doshisha University, as well as enhance the teaching performance in global education of the faculty members who support it. To achieve this, two educational programs — the 'study abroad program' and the 'study in Japan program' — are offered to students. The 'study in Japan program' is a practical educational initiative for cultivating students with a global knowledge and mindset while studying in Japan.



'Go Global' Passport

Setting an initial goal and checking the progress on "Go Global" Portfolio

Overview of Doshisha University Project for Promotion of Global Human Resource Development



Doshisha Selected for MEXT's 'Leading Graduate School Doctoral Program' 2012

Doshisha University's 'Global Resource Management' program was selected by the Ministry of Education, Culture, Science, Sports and Technology (MEXT) as a 'Leading Graduate School Doctoral Program 2012' in the category of 'Multidiscipline' (Multicultural Society).

The 'Leading Graduate School Doctoral Program' is an initiative to support radical educational reforms in graduate schools, where prominent faculty and students from Japan and abroad create and implement integrated multidisciplinary graduate programs of world-class quality, in collaboration with government and industry, thereby preparing visionary and creative leaders who will play active roles in various fields and on a global scale.

Title: 'Global Resource Management'

■ Program Type: Multidiscipline (Multicultural Society)	
• Main graduate schools:	Graduate School of Global Studies and Graduate School of Engineering
• Cooperative graduate schools:	Graduate School of Theology, Graduate School of Letters, Graduate School of Social Studies, Graduate School of Law, Graduate School of Economics, Graduate School of Commerce, and Graduate School of Policy and Management

Program Coordinator: Masanori NAITO (Professor of the Graduate School of Global Studies)

■ Outline of the program

This program sets up a multidisciplinary area called 'Global Resource Management' for multicultural society, in which a degree program that combines 'resource and energy engineering, and infrastructure science'—fundamental to human existence—with human and social science related to 'contemporary global-scale issues' is developed. The essential aspect of resource management lies in constructing and improving 'infrastructure as a common resource' for sustainable development, as well as for the peace and security of people throughout the world. This can be done by managing and operating natural resources, human resources, and social capital properly and fairly. The program provides a broad view of the optimization problems in the field of natural science, including social scientific aspects, deepening the recognition that a nation's resources, or a society's infrastructure, is 'a system created by human beings.' Under this recognition, the program aims to nurture highly qualified specialists with PhD degrees who are capable of resolving current issues, as well as taking proactive measures in anticipation of potential obstacles, based on an integrated knowledge of the humanities and sciences.

■ Characteristics of the program

[Succession of 'conscience education']

This program does not aim to produce so-called 'top elite type' leaders. By applying the educational philosophy of Doshisha's founder, Neesima, —'nurturing people as a nation's conscience'—to today's global society, it aims to nurture leaders who can understand and consider the differences between different religions and cultures, view issues with the eyes of the people living in the developing and most disadvantaged countries and regions, and endeavor to resolve them together.

[Leaders with integrated knowledge of humanities and sciences]

Engineers who wish to contribute to nation building and social advancement in such countries and regions must have an understanding of the culture, religions, customs and lifestyle unique to each one, in addition to a broad range of knowledge in science and technology. Social work specialists who wish to contribute to resolving so-called global issues are required to have not only an understanding of a country's culture and religion but also a basic knowledge of its infrastructure to enable them to provide effective help for that country and the wider region. By capitalizing on and integrating the strengths of the two main graduate schools (Graduate School of Global Studies and Graduate School of Engineering), the program fuses the humanities with sciences with the aim of preparing global citizens with a profound view of human understanding capable of making a practical contribution to help build up and improve the society of the country in which they choose to live and work. To this end, lectures and practices have been designed to cover the integrated fields of the humanities and sciences.

Welcome party for new international students was held in October

Doshisha University held a welcome party for international students at Kyoto Tower Hotel on October 11. Approximately 200 new international students from 40 university faculties attended the party. New students are regular students of the Undergraduate Schools and Graduate Schools, including exchange students and Bekka students of the Center for Japanese Language and Culture.

The President, Professor Hatta, began with a welcome speech to the new students followed by representatives of the Foreign Students Association who also gave welcome speeches. After which, new students made speeches, and a new student from Mongolia played instruments such as the "Morin huur." Finally, participants all sang the Doshisha University song together and the party ended on a high note.



Doshisha Team Ranks Third at 2012 Student Formula Japan Competition at Mainland Japan

The Doshisha University Formula Project (DUFJ) came in third among 82 universities (first among private universities) at the 2012 Student Formula Japan event, held at Ogasayama Sports Park ECOPA in Shizuoka Prefecture on September 3 through 7, 2012.

The DUFJ team, composed of the students who take the project-based subject 'Hito-zukuri (human development), Mono-zukuri (designing and creating objects)', and the members of the Doshisha University Machine Study Group, has participated in the Student Formula Japan Competition since its inception in 2003. Many members made a collective effort to build a stronger and faster car, resulting in the team achieving its long-held goal of winning a single-digit overall ranking. Aiming for a higher ranking next year, the team is committed to further advancing the project based on this year's feedback and reviews.



International Exchange Held at the Northernmost Village of Mainland Japan

On September 4 through 7, 2012, four international students studying at Doshisha University (two from Korea, one from Mongolia and one from Indonesia), led by university staff, visited the northernmost village of mainland Japan, Kazamaura Village, in Aomori Prefecture.

The relationship between Kazamaura Village and Doshisha University dates back to 1864. At that time Japan, was closed off to the world under the national isolation policy. The founder of Doshisha, Joseph Neesima, feeling strongly Japan could ben-



efit by incorporating various Western values into Japanese life, decided to defy the ban on travel overseas by setting sail for America from Hakodate Port in Hokkaido. During the trip to Hakodate, the ship he had boarded was forced by adverse weather to stop at the port of Shimofuro in Kazamaura Village. Neesima stayed in Kazamaura for several days and had a chance to rest at the village's Shimofuro hot springs. In a letter to his father written some years later, Neesima talked about his warm memories of Kazamaura Village, saying that the visit had helped him unburden his anxieties about his forthcoming adventure. Prompted by this visit, an exchange program between Doshisha's international students and Kazamaura Village was set up in 1992 and continues to the present day.

The international students participating in this year's exchange program with Kazamaura Village gave presentations about the culture, society and education of their respective countries at three elementary schools (Shimofuro, Ikokuma and Hebiura elementary schools) and Kazamaura Junior High School. The students also spoke on other topics such as things about Japan that fascinated or surprised them. Lively question and answer sessions took place between the international students and the students of Kazamaura Village, as the Kazamaura students had studied a lot about the visiting students' home countries to prepare for the visit. Following the international students' presentations, students of Kazamaura Village gave a talk about the village and their schools, as well as Japanese culture, making the event very much a productive cross-cultural exchange. The international students enjoyed learning from local students about various aspects of traditional Japanese culture, such as making 'Beko-mochi' (traditional local sweets), rice-cake pounding, calligraphy, karuta (Japanese playing cards) and fukuwarai (make-a-face game). They also experienced homestays at the village and enjoyed a heartwarming hospitality.

Following the exchange, the international students made clear how impressed they were by the friendliness and generosity of the people of Kazamaura Village, and also by the teachers' strong passion for their students' well-being. The students' positive and confident attitude in their presentations, as well as their spontaneous kindness, was also applauded by the international students. Each participant expressed a wish to one day return to the village.

To commemorate the 20 years of the exchange, a ceremony took place in Kazamaura Village on October 13th. We sincerely hope that the exchange between Doshisha and Kazamaura Village will be further developed, and that the bonds between us will become stronger and deeper as time goes by.

(Office of the Institute for the Liberal Arts)



Doshisha Istanbul Office Opening Ceremony Held

On July 14, the opening ceremony of Doshisha University's Istanbul office took place in Istanbul, Turkey. The university's 7th overseas base, established within the Association of Social and Economic Solidarity with Pacific Countries (PASIAD), aims to promote exchanges of students who carry the futures of Turkey and Japan and enhance their level of education and research, as well as furthering the globalization of both universities.

The opening ceremony was attended by those related to PASIAD, people from high schools and preparatory schools in Turkey, as well as the Japanese Consulate General in Istanbul, Mr. Katsuyoshi Hayashi. After the signing of an agreement, President Eiji Hatta and the Director of PASIAD, Mr. Bahri Ağaoğlu, made speeches, followed by a ribbon-cutting ceremony.

In the evening, a briefing session on Doshisha University, followed by a dinner party, took place at Fethi Kuleji Topkapı Kampüsü. Following a greeting from President Eiji Hatta, Vice President Masaaki Tatsuki explained about the university, and the Director of the Institute for the Liberal Arts (ILA), Gregory Poole, talked about the ILA. Finally, the Dean of the Graduate School of Global Studies,

Masanori Naito, gave a lecture in Turkish regarding the relationship between Turkey and Japan. About 50 Turkish participants related to education put questions to individual professors of Doshisha University, showing a high level of interest in the university. More students from Turkey are expected to come and study at Doshisha in the future.

On July 15, a reception was held at a restaurant in the city of Istanbul, to which about 70 people were invited, including government and university related people in Turkey. Constructive discussions also took place among Doshisha University lecturers and guests.

The two-day event was well attended, and was even

covered by the Nikkei newspaper, demonstrating the high regard in which Doshisha University is held. It also reaffirmed Doshisha University's position as an institution devoted to deepening the partnership between Japan and Turkey.



Delegation Led by the Vice President of Jilin University Visits Doshisha

On July 30, eleven members of Jilin University (Doshisha's partner university in China), led by the Vice President, Du Li, visited Doshisha University. They had a meeting with nine members of Doshisha University, including the Vice President and Dean of the Organization for Promotion of International Cooperation, Masaaki Tatsuki. Jilin University and Doshisha University signed an academic exchange agreement and a student exchange agreement in November 2009. Since then, many successful exchanges have been organized, with the two universities enjoying a warm and cooperative relationship.

At the meeting, both parties confirmed the current status of the exchanges, and also discussed the

activation of education and research programs of both universities. The promotion of international exchange was also the subject of talks. The productive meeting lasted much longer than scheduled.

After that, a luncheon meeting took place where the attendees were able to exchange various types of information in a relaxed and friendly atmosphere.

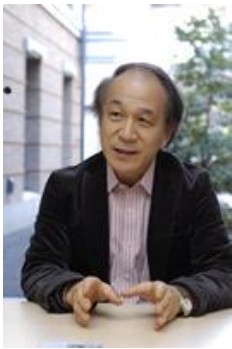
We hope the visit will further promote exchange between the two



For Our Partner Institutions:

Are you or your students thinking of making a visit to the Doshisha campus? The International Center can arrange such activities as discussion sessions, a cultural exchange party, and a campus tour. If you are interested, please contact us at ji-kksai@mail.doshisha.ac.jp at least two months in advance. We also have accommodations on campus at a reasonable rates. We are looking forward to your visit!

Professor Mitsunori MIKI (Graduate School of Science and Engineering) Receives Minister of the Environment Award



A research and development project regarding an intelligent lighting system, led by Professor Mitsunori Miki (Graduate School of Science and Engineering), received the Minister of the Environment Award, given as part of the Awards for Persons of Merit in Industry-Academia-Government Collaboration. The awarded research was titled 'Technology development regarding the optimizing control of low-carbon office equipment by comprehensively utilizing an intelligent lighting system and a radiant air-conditioning system'. These systems were incorporated into Ecozzeria, located on the 10th floor of the Shin-Marunouchi Building in front of Tokyo Station, in collaboration with the Mitsubishi Estate Company Ltd. The intelligent lighting system provided lighting tailored to work types and workers' preferences, thereby enabling the enhancement of intellectual

production and low carbonization at the same time. In addition, the radiant air-conditioning system succeeded in reducing energy consumption for moving air by 50 percent and has created a more comfortable indoor thermal environment for occupants than conventional air-conditioning systems which can have an adverse effect on human health through excessive cooling.

Project of Takuma FUJITA (Graduate School of Science and Engineering) Selected for 2012 IPA Exploratory IT Human Resources Project



A project proposed by Takuma Fujita (Network Information Systems Laboratory led by Professor Kenya Sato, Graduate School of Science and Engineering) entitled 'A next-generation system for presenting a menu and taking an order based on customer information' has been selected by the Information-technology Promotion Agency, Japan (IPA) as the 2012 Exploratory IT Human Resources Project.

The IPA is undertaking the Exploratory IT Human Resources Project with the aim of discovering and developing outstanding persons who possess the creative ideas and skills for achieving software innovation and have the ability to put them into practical use under the auspices of experienced project managers with outstanding achievements. For further information, please visit: <http://www.ipa.go.jp/english/humandev/third.html>

(Posted on 2012-08-29)

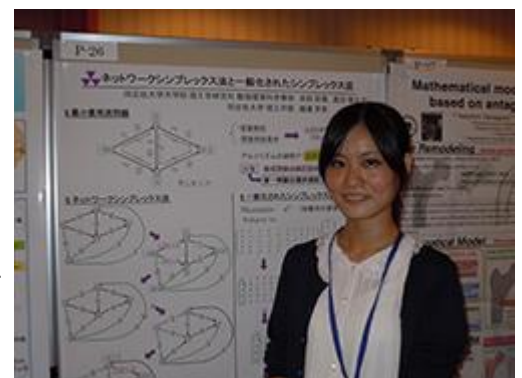
Sayaka YONEDA and Sennosuke WATANABE (Graduate School of Science and Engineering) Receive Outstanding Poster Award

Sayaka Yoneda and Sennosuke Watanabe, members of the Discrete Mathematics Laboratory led by Professor Yoshihide Watanabe, Graduate School of Science and Engineering, received the Outstanding Poster Award at the Japan Society for Industrial and Applied Mathematics (JSIAM) 2012 Annual Conference held at the ANA Hotel Wakkanai, Hokkaido, on August 28 through September 2, 2012.

Title of the presentation: The Network Simplex Method and the Generalized Simplex Method

The minimum cost flow problem, which is applied in economics models (such as logistics models), can be solved by the simplex method as a linear programming problem, and also by a combinatorial algorithm known as the network simplex method. In the awarded research project, Yoneda and Watanabe clarified the relationship between the two algorithms from the perspective of avoiding cycling.

The JSIAM annual conference provides an opportunity for participants to present results regarding research, education and industries of applied mathematics, as well as exchange their expertise and knowledge.



Doshisha University's overseas offices were established in order to further promote its rapid and effective internationalization. At our overseas bases we are implementing mainly public relations activities to increase the profile of Doshisha University, while at the same making the most of the characteristics unique to each base. In addition, we are undertaking various efforts to recruit overseas students, support our students while they are studying overseas, and provide on-site support to members of our faculties while they are overseas.

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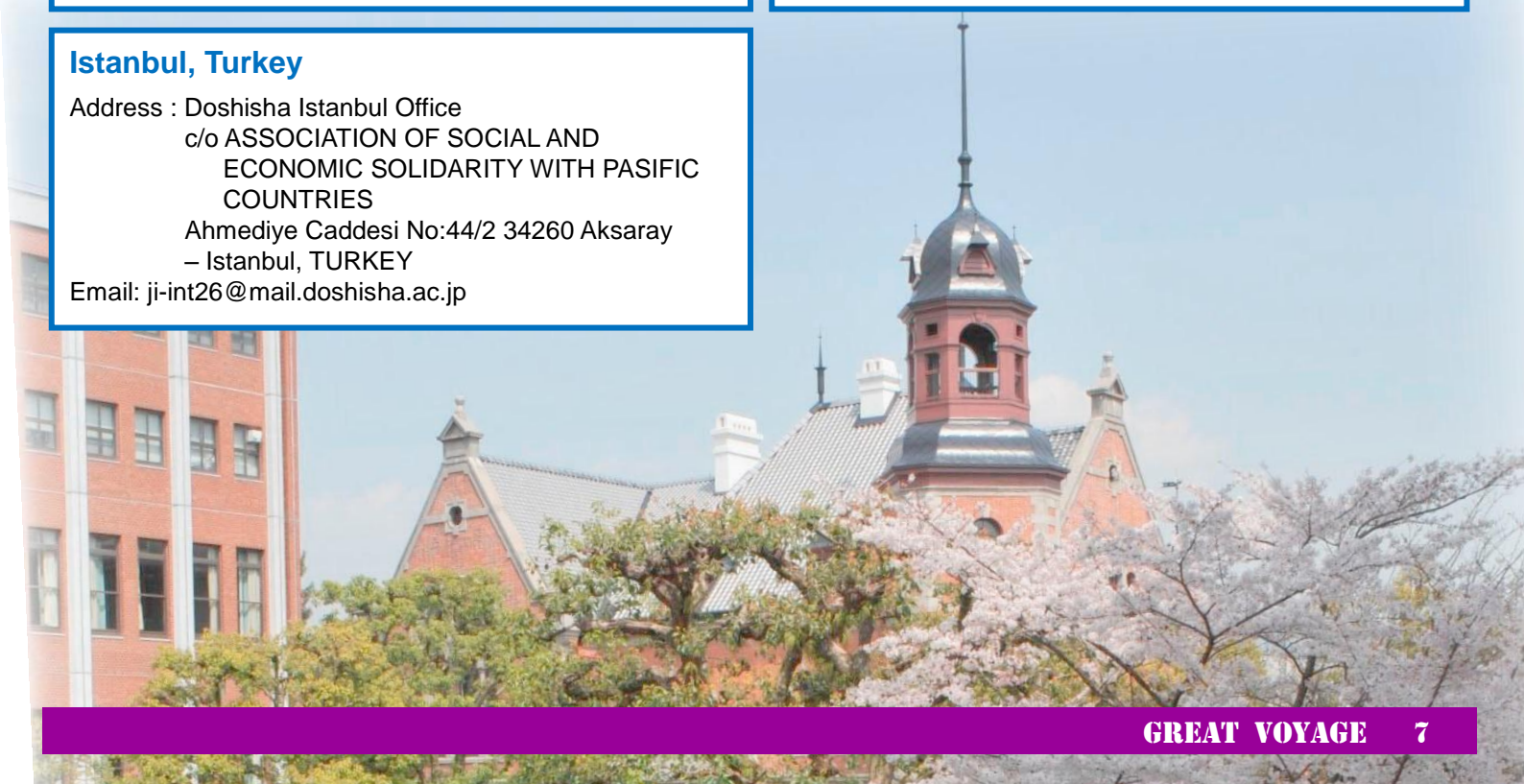
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Greetings from Doshisha University in Kyoto, Japan.

The Doshisha University Center for Japanese Language and Culture, which originally opened in April 1999, has the most well-developed Japanese language education system in Japan. The Center aims at providing Japanese language education for international students, those who in order to deepen their understanding of Japanese culture wish to enroll in an undergraduate or a graduate program at Doshisha University or some other universities and graduate schools in Japan, as well as those exchange students from universities all over the world with whom



we have exchange agreements. Currently, about 360 international students from 30 different countries and regions are studying Japanese language intensively at a variety of levels suitable to their Japanese abilities.

I firmly believe that studying and living in Kyoto, where lies the origin of Japanese tradition and culture, will offer an invaluable one year in the best possible environment. I hope that every one of our many motivated international students will enjoy a rich and rewarding year of study at our university.

Professor Masayo FUJIMOTO
Dean of the Center for Japanese Language and Culture

New Year's greetings from the Center for Japanese Language and Culture!

Recently in Japan, a variety of "factory tours" are attracting many people.

It's probably because we can gain the firsthand information by observing the "actual" factory floors.

Last November, The Center for Japanese Language and Culture conducted "factory tours" to Panasonic Eco Technology Center and KYOCERA Corporation for international students, taking advantage of the boom in Japan.

Prior to the tours, the participating students learned the outline of Japanese industry and technology in a preparatory lecture.

After the tours, we have received a lot of positive feedback from the students.

Now, we are planning to give the next opportunity for international students.

We are very much looking forward to seeing international students from all over the world, here in Kyoto.

Best wishes,

The Office of the Center for Japanese Language and Culture



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