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## News

### **Karate Club's Natsuki Shimizu (third year, Faculty of Health and Sports Science) and Kanako Oryu (second year, Faculty of Commerce) win the 2018 FISU World University Karate Championship!**

Karate Club's Natsuki Shimizu (third year, Faculty of Health and Sports Science) won the 2018 FISU World University Karate Championship in the category of Female Kata Individual and Kanako Oryu (second year, Faculty of Commerce) Female Kumite in the -68 kg class!

Comments from Kanako Oryu (second year, Faculty of Commerce):

This is my first time to win an international championship and I'm very happy about this result.

I have participated in international competitions several times before, but I was overwhelmed by the difference in physique and tactics in the match between Japanese athletes and foreign athletes and couldn't produce a good result.

But because this competition was held in Japan and I was supported and encouraged by a lot of people, I was able to attend the competition feeling relaxed.

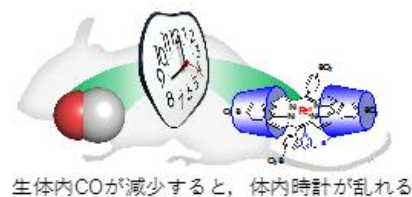
Winning this championship has given me confidence, so I hope to put what I learned from this experience into practice in my future competitions.

I want to become a better athlete and want to give back to everyone for their support.



## The results of research on the mechanism of controlling the biological clock by carbon monoxide (CO) gas was published in a paper.

Carbon monoxide (CO), a toxic gas, is generated in a living body in very small quantities, which is thought to have various physiological functions. The research group lead by Associate Professor Kitagishi of the Department of Molecular Chemistry and Biochemistry, Faculty of Science and Engineering has clarified the relationship between CO and the biological clock using a their uniquely developed chemical compound called hemoCD. hemoCD is a substance that can selectively capture CO existing in a living body. Mice administered with this substance enter a state of reduced CO in the body. Compared to non-administered mice, in the body of the administered mice, great disturbances in the manifestation rhythms of the clock gene group, which controls the biological clock, was observed. The biological clock is an important biological system for maintaining the healthy state of a living organism. And this is why the clarification of its mechanism at molecular level is pursued. This research has revealed that CO, a toxic gas, is a gas molecule required in a living body to control the biological clock.



Title: Circadian clock disruption by selective removal of endogenous carbon monoxide

Journal: Scientific Reports (10.1038/s41598-018-30425-6)

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## Society for the Advancement of Socio-Economics Meets for the First Time in Japan.

For four days from Friday, June 22 through Monday 25, 2018, the annual meeting of the Society for the Advancement of Socio-Economics (SASE) was held at Doshisha University's Imadegawa Campus. Professor Masayo Fujimoto of the Faculty of Social Studies (Chairperson of the Executive Committee) and Assistant Professor Sayaka Sakoda of the Faculty of Economics (Vice-Chairperson of the Executive Committee) were involved in the management of the conference.



The SASE meeting is a huge academic conference in the social sciences field, with the venue previously alternating between Europe and the U.S. Having announced its 30th Anniversary Conference would be the first held in Asia, the Society met for the first time outside the West here at Doshisha University in Kyoto. During the event period, around 1,000 people, more than the 800 attending the previous meeting in Lyon, France, assembled in Kyoto and participated in the conference. At the meeting, discussions about issues such as inequality brought about by globalization were held through various approaches and a research network between participants was created, making the conference extremely meaningful. The success of the conference held at Doshisha University may lead the organization to consider Asia as a regular venue for future conferences.



## Madoka Takahara Specially Appointed Assistant of Organization for Research Initiatives and Development Receives Special Award from Cooperative Partner at 2018 Innovation Generation Award.

Innovation program of the Ministry of Internal Affairs and Communications held its Innovation Award Ceremony on October 24, and Specially Appointed Assistant Madoka Takahara (Organization for Research Initiatives and Development / Faculty of Science and Engineering) received a Special Award from a Cooperative Partner.

The Innovation program aims to support people seeking innovative, ambitious solutions with great potential to information and communication technology (ICT) research and development challenges, with the purpose of producing breakthrough global-scale value in the ICT field.

Specially Appointed Assistant Madoka Takahara received a Special Award from a Cooperative Partner in the category of the Generation Award, the segment that grants awards for “a small, but an interesting idea that nobody had thought of,” “a special and excellent technology you do not know how best to use” and “a theme that you found and want to achieve.”



## Prof. Yong Yin Awarded Honorable Mention by Journal of Operations Management



Congratulations to Doshisha Business School's Professor Yong Yin, who has been awarded a Jack Meredith Best Paper Award Honorable Mention by the Journal of Operations Management at the 2018 Academy of Management in Chicago for his paper “Lessons from seru production on manufacturing competitively in a high cost environment.” The Journal of Operations Management ranks number one of journals in the area of Operations and Technology

Management in the Association of Business Schools Academic Journal Guide with the highest impact factor (according to the JCR database). Only three papers published in 2017 were recognized with Best Paper awards.



In his paper, Professor Yin completed a robust analysis of the Seru Production System and scientifically and systematically compared Seru with the Toyota Production System and many other production systems. In his research, he proved that the Seru Production System was the most responsive production

system among all production systems. His findings are especially important in our contemporary fast changing world, where responsiveness is crucial to business success. Research on Seru is highly valued and has a very significant role in being able to guide actual production in the business world. The research conducted by Professor Yin not only helps managers understand the responsiveness of production systems, but also to open their minds to options beyond the dominant Toyota Production System.



## Report: “Let’s Try Iaido!” (presented by SIED)

On December 22th (Saturday), SIED and Doshisha Iaido club co-hosted “Let’s Try Iaido!” at the Dojo within Davis Memorial Auditorium in Kyotanabe Campus. This event was organized to allow international students learn about the culture of Iaido, a Japanese martial arts, and get some first-hands experience.

In the event, the participants got to wear the Dougi, the official uniform for Iaido, to allow them to fully immerse themselves in the sports. Firstly, they watch the members of the Iaido club demonstrate one of the basic moves of Iaido. Following that, the participants were split into 2 groups, where the members of the Iaido club guided and imparted some of their own knowledge to the participants. Once the participants had sufficient practice, they had a mini-demonstration to show off what they had learned. Finally, they had the opportunity to watch the performance by the members of the Iaido club, which won them the championship for the group category at the National Competition this year, first-hand.



## Report: “Learn Sumo Culture” (presented by SIED)



On November 17th (Sat), SIED and Doshisha sumo club co-hosted “Learn Sumo Culture” at Sumo Dojo, on Kyotanabe Campus. This event was held to learn about the culture of sumo wrestling, the national sport in Japan.

In the event, the participants visited the sumo Dojo and saw the practice of the sumo club members. The sumo wrestlers introduced their daily training menu and showed simulated games to the participants. The international students were excited to see the games and enjoyed taking pictures. Some of them stepped onto the sumo ring and experienced sumo training with the sumo club members. The participants could learn sumo action and culture. After experiencing Sumo wrestling, they tasted sumo wrestler’s original hot pot dish, Chankonabe. The participants enjoyed the dishes and conversation with the Sumo club members. Some international students said “I’m happy to try sumo wrestling!”, “Chankonabe was really tasty!”

SIED is constantly striving to hold various kinds of interesting events for the enjoyment of both local and international students. We look forward to seeing you all at our future events!

# Overseas Offices

Doshisha University's overseas offices were established in order to further promote its rapid and effective internationalization. At our overseas offices, we are implementing mainly public relations activities to increase the profile of Doshisha University, while at the same time making the most of the characteristics unique to each office. 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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# Greetings from the Institute for the Liberal Arts

Greetings from the Institute for the Liberal Arts Office!

We hope that you had a wonderful New Year holiday.

In April 2011, the Institute for the Liberal Arts (ILA) welcomed twenty students as the first cohort into the four-year undergraduate degree program delivered entirely in English. In September 2018, the eighth cohort will be graduating from Doshisha University with a B.A. in Liberal Arts.

Over the past years, the ILA has continued to diversify as we now have about 220 students from more than 40 countries. Every student has a myriad of talents and interests which together contribute to our special learning community here in the heart of Kyoto.

We are planning to release our new Application Guide by May 2019 on our website at: <http://ila.doshisha.ac.jp/admissions>. We hope you will visit our website and find out more about our program.

Best wishes for 2019, and please do stop by our office for a visit.

Warm regards,  
The Institute for the Liberal Arts Office



## Application requirements

### ■ First-Year Student Application

Applicants should satisfy one of the following requirements by the time of enrollment at Doshisha University:

- 1) Applicants should have completed twelve years of school education (including successful graduation from an accredited high school).
- 2) Applicants should possess a university entrance qualification such as the International Baccalaureate, Abitur, or French Baccalaureate and be at least 18 years of age.
- 3) Applicants should have completed twelve years of education at a WASC, CIS or ACSI accredited international school and be at least 18 years of age.
- 4) Applicants should have graduated from a high school accredited by the Japan Ministry of Education, Culture, Sports, Science and Technology.

### ■ Third-Year Transfer Student Application

In addition to one of the four requirements stated above for first-year applicants, third-year transfer applicants should satisfy one of the following requirements.

- 1) Applicants should have completed or be expected to complete two full academic years at ONE undergraduate degree-conferring institution as a regular student by the time of enrollment at Doshisha University.
- 2) Applicants should have graduated from a two-year college or be expected to graduate by the time of enrollment at Doshisha University.

### ■ English Proficiency

Applicants need to provide one of the test scores listed below to verify their English language proficiency. Please note submission is optional for native speakers of English and applicants with 12 or more years of education in English.

- TOEFL® iBT: 85 or above
- IELTS Academic Module: 6.5 or above
- ACT Combined English/Writing (Writing Test Score): 22 or above
- Old SAT Critical Reading and Writing sections 510 **or** above
- New SAT Redesigned SAT Reading Test 28 and Writing & Language Test 29 or above

### ■ We are looking for

applicants who have an excellent secondary school record. However, over and beyond a high GPA and outstanding standardized exam scores (typically students accepted to the ILA have an IB score of 32 or above, and a SAT score of about 1200 or above, an ACT score of around 25 or above, or three GCE A levels), most importantly we look for applicants who demonstrate a passion for the Liberal Arts Program with an obvious and strong potential for contributing to the intellectual and social life of the Institute.

### Admission Procedure

1. Document  
Screening

2. Interview  
( FTF or Skype )

3. Successful applicant will  
be offered places with  
reduction in tuition fees\*

*\*In principle, scholarships are applicable to students on a college student visa*

**Great Voyage** is published by the International Center at Doshisha University.

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