

# International Summer Program: Report on ISP2012 and Announcement of ISP2013

TMDU is continuously working to increase its international profile and serve the international community. In addition to sending students and faculty members to partner institutions such as Harvard and Imperial College and to our overseas research centers in Ghana, Thailand and Chile, a key part of our internationalization effort is the recruiting of top students and researchers worldwide.

**FOR THE PAST** four years the TMDU International Summer Program has been an increasingly important part of our international outreach. Each year's ISP brings approximately 25 students and young researchers to the TMDU campus for four days of lectures, lab visits, cultural introductions, social events and other activities.

As of May 1, 2012, there were 210 international students studying at TMDU, and many of them are ISP alumni. With the advent of the ISP Special Selection program, which was introduced as part of ISP2012, we look forward to the ISP and its alumni having an even deeper integration with our graduate schools and university community as a whole in the coming years.

In late 2011, a working group to organize the fourth International Summer Program, ISP2012, was convened under the leadership of Professor Kikuo Ohno, the Trustee for Planning/International Exchange. Professor Hidehiro Mizusawa of the Department of Neurology and Neurological Science was chosen to chair the ISP2012 Working Group, which included representatives from several departments, especially those involved with neuroscience. The faculty and staff of the International Exchange Center also participated actively

in the planning of ISP2012. The working group finalized the theme, "Brain and Mind: Neuroscience Up-to-date" and invited leading researchers such as Professor Don Cleveland of the University of California, San Diego, and Professor Shin-suke Shimojo of the California Institute of Technology, to speak at ISP2012, which was held August 26 to 29, 2012.

As with previous ISPs, ISP2012 featured a two-day Lecture Course, a Poster Session, and an International Symposium. As mentioned above, ISP2012 also featured our first "ISP Special Selection," in which selected participants were able to take an examination to enter the Ph.D. program at TMDU and become eligible for a full scholarship. In addition to the presentations, all of the participants enjoyed meeting researchers, attending various social functions on offer, and getting to know other invitees and presenters.

Along with Professors Cleveland and Shimojo, featured speakers at ISP2012 included Professors Takeo Yoshikawa and Atsushi Iriki, both from RIKEN Brain Science Institute, and several of the TMDU-based researchers who are conducting leading-edge research in the field: Professor Itsuki Ajioka, Professor Hidehiro Mizusawa, Profes-



sor Toru Nishikawa, Professor Hitoshi Okazawa, Professor Masahiko Shimada, Professor Yuriko Sugiuchi, Professor Masato Taira, Professor Kohichi Tanaka, and Professor Sumio Terada.

A new development for ISP2012 was the holding of mini-lectures as part of the lab visits. In all, eight departments hosted lab visits, introduced their work and held mini-lectures for ISP2012 participants.

Applications to ISP2012 were very strong, in quantity and quality. For the general program we received 46 applications from 15 countries. Of these, 8 were selected, representing 7 countries. For the ISP Special Selection we received 22 applications from 7 countries, of which 16, from 5 countries, were accepted. Overall, the 24 invited participants were from 10 countries: Bangladesh, China, India, Korea, Laos, Malaysia, Myanmar, Taiwan, Thailand, and Vietnam. An additional participant attended at private expense. We are glad to report that the feedback from these participants was very positive; for example, 96% reported that "their interest in studying at TMDU became stronger" as a result of ISP2012.

At the Social Hour, which was held on the third evening of ISP2012, the invited participants, invited speakers and TMDU faculty and students gathered together at the Faculty Lounge on the top floor of the M&D Tower. After President

Takashi Ohyama officially welcomed the participants to the reception, the window shades were raised, revealing the stunning night view from the 26th floor. Everyone enjoyed a night of talking, eating and snapping pictures.

The next day, the Special Selection participants took an entrance exam for the TMDU Graduate School. At this time, 8 of them plan to enter TMDU from 2013 as a result of passing the exam, and several of these new international students will receive a full scholarship to support their Ph.D. studies.

The 5<sup>th</sup> annual ISP, ISP2013, will be held August 26–29, 2013, with the theme "Biomaterials: From the Laboratory to the Clinic." The planning for ISP2013 will be led by Professor Kikuo Ohno, the Trustee for Planning/International Exchange, and Professor Kazuo Takakuda of the Institute of Biomaterials and Bioengineering, who will chair the ISP2013 Working Group. Continuously updated information on ISP2013 will be made available on the website of the International Exchange Center throughout the planning period. The IEC website also has full information on the first four ISPs, which helps students and young researchers across Asia learn more about this increasingly popular international outreach program.

1 Dr. Hajime Karasuyama and a participant from Vietnam.

2 Prof. Masato Taira listening to a presentation by a participant from Bangladesh at the ISP2012 Poster Session.

3 Participants at a mini-lecture, a new facet of ISP Lab Visits.

4 ISP2012 speakers and invited participants at the Social Hour party on Tuesday evening.

#### ISP2012 Working Group

Prof. Hidehiro Mizusawa (Chair), Prof. Itsuki Ajioka, Prof. Hajime Karasuyama, Prof. Akinori Kimura, Prof. Ikuko Morio, Prof. Hitoshi Okazawa, Prof. Takashi Ono, Prof. Masato Taira, Prof. Kazuo Takakuda, Prof. Kohichi Tanaka, and Prof. Kei Watase.

Observers: Assoc. Prof. Kevin Cleary, Assoc. Prof. Mazono Izutani, Assoc. Prof. Koji Masuda, Assoc. Prof. Yoko Okita, Prof. Yoshihiro Takemoto, Prof. Takeshi Yoshida.

5 A list of the departments that held mini-lectures.

#### ISP2012 Mini-Lectures

1. Department of Cell Biology  
Prof. Takao Nakata
2. Department of Medical Biochemistry  
Prof. Yutaka Hata
3. Molecular Genetics Division,  
the Center for Brain Integration Research  
Associate Prof. Kei Watase
4. Department of Neurology and Neurological  
Science  
Prof. Takanori Yokota
5. Department of Neurosurgery  
Senior Assistant Prof. Tadashi Nariai
6. Department of Pharmacology and Neurobiology  
Senior Assistant Prof. Hironao Saegusa
7. Department of Physiology and Cell Biology  
Assistant Prof. Atsushi Tanaka,  
Mr. Quy Pham Nguyen (graduate student)
8. Department of Systems Neurophysiology  
Prof. Izumi Sugihara  
Senior Assistant Prof. Keiko Izawa  
Assistant Prof. Mayu Takahashi



## Tokyo Medical and Dental University 5<sup>th</sup> International Summer Program (ISP2013)

August 26<sup>th</sup>-29<sup>th</sup> at the TMDU campus, Tokyo, Japan

**Biomaterials: From the Laboratory to the Clinic**  
Bringing together students and young scientists from Asia to study with leading international researchers in the field

We will provide support to selected students and young scientists from Asia to attend ISP2013 (including airfare and onsite accommodation). Please visit the website for more information.

Organized by: Tokyo Medical and Dental University  
To register: Please apply via the International Exchange Center (IEC) website

<http://www.tmd.ac.jp/TMDU-e/isc/isp2013>

Aug. 27 - 28 (Tue & Wed)  
Lecture Course

Aug. 29 (Thu)  
ISP Symposium

### Hidehiro Mizusawa

Professor, Department of  
Neurology and Neurological  
Science, TMDU

### Kevin Cleary

Associate Professor,  
International Exchange Center,  
TMDU



Prof. Mizusawa at the Social Hour party.



Dr. Don Cleveland gave a lecture and a symposium presentation.

# Representatives from Eight Countries in Southeast Asia Exchange Views on Dental Education

A special event, entitled "Development of Dental Education in Asia: Workshop and Exchange," was held at TMDU November 5-7, 2012. At this event, TMDU Faculty of Dentistry staff and representatives from 15 dental schools located in Southeast Asia with which TMDU has concluded an academic exchange agreement met to discuss dental curricula, past, present and future, and related issues.

**THE "INFORMATION SHARING** on Dental Education" workshop was held in a meeting room of the Faculty of Dentistry (Building No.1, 7th floor). TMDU President Takashi Ohyama opened the workshop's afternoon session with a welcome address, and then an active exchange of opinions and discussions took place in an amicable, but suitably intense, manner. The workshop contents included: 1) Presentations on the features of the dental curriculum at each participating school; 2) A group discussion regarding the development of each school's current curriculum, the importance of English education, and the possibility of enabling a credit transfer system in the future; and 3) A tour of the TMDU Dental Hospital.

After the presentations and discussions, the representatives all signed the "Tokyo Declaration on the Development of Dental Education in Asia: Workshop and Exchange" agreement. The Declaration holds that we all aim to actively pursue exchanges of students, staff, and research, and cooperate with each other to develop dental education.

Four groups toured the TMDU Dental Hospital. These groups were led by Professor Yoko Kawaguchi, Executive Advisor to the President (Plan-

ning and International Exchange) and Professor and Chairperson of the Oral Health Promotion Section; Junior Associate Professor Jun Tsuruta of the Dental Education Development Section; and Junior Associate Professor Yuji Fukui and Assistant Professor Naoko Seki of the International Exchange Center. The four groups toured the TMDU Dental Hospital and were welcomed to Pediatric Dentistry by Junior Associate Professor Yoshiaki Ono, to Periodontics by Junior Associate Professor Satsuki Hagiwara, and to the Oral Surgery Ward and Operation Rooms by Assistant Professor Kae Tanaka. The participants also visited the TMDU Dental Museum and expressed interest in the history of dentistry in Japan.

The visitors then had the opportunity to tour the GC headquarters in Chiyoda-ku and the GC factory in Gotemba, where they learned in detail about the manufacturing process and special features of many dental materials that are used in their countries.

This workshop marked the first time for TMDU to invite such a sizable group of deans or associate deans for academic affairs to Tokyo for a meeting. The participants all found the workshop to be very meaningful and helpful in

strengthening the ties we share. To help us work together to develop and harmonize dental education, we are planning to hold a related symposium in 2013 at which we will continue the sharing of information and the discussions that we had at this event, with the aim of further improving the dental curricula at each of our institutions.

**Ikuko Morio**  
DDS, PhD  
Director, International Exchange Center, TMDU

President Ohyama (center left), Prof. Tagami (center right), and representatives from 15 dental schools located in Southeast Asia.



1 TMDU faculty members explaining the details of the education program at the question and answer session (from left, Dr. Jun Tsuruta and Prof. Tagami).



2 During the TMDU Dental Hospital tour (center left: Dr. Yoshiaki Ono, center right: Dr. Bambang Irawan).



## Distinguished Guests from Dental Schools in Southeast Asia

- Dr. Suchit Poolthong (Dean, Chulalongkorn University, Thailand)
- Dr. Narongsak Laosrisin (Dean, Srinakharinwirot University, Thailand)
- Dr. Thongnard Kumchai (Dean, Chiang Mai University, Thailand)
- Dr. Thosapol Piyapattamin (Dean, Naresuan University, Thailand)
- Dr. Kewalin Thammasitboon (Vice Dean for International Relations, Prince of Songkla University, Thailand)
- Dr. Teekayu P. Jorns (Assistant Dean for International Affairs, Khon Kaen University, Thailand)
- Dr. Pornpoj Fuangtharntip (Mahidol University, Thailand)
- Dr. Bambang Irawan (Dean, Universitas Indonesia, Indonesia)
- Dr. Grace Ong (Dean, National University of Singapore, Singapore)
- Dr. Norsiah Yunus (Deputy Dean, University of Malaya, Malaysia)
- Dr. Sun Sun Win (Professor, Institute of Dental Medicine, Yangon, Myanmar)
- Dr. Le Duc Lanh (Dean, The University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam)
- Dr. Truong Manh Dung (Dean, School of Odonto-Stomatology, Hanoi Medical University, Vietnam)
- Dr. Lay Vuthy (Vice Dean of Faculty of Dentistry, University of Health Sciences, Cambodia)
- Dr. Bounnhong Sidaphone (Associate Dean for Academic Affairs, University of Health Science, Lao PDR)

## TMDU Participants

- Dr. Takashi Ohyama (President)
- Dr. Kikuo Ohno (Trustee / Vice-President, Planning and International Exchange)
- Dr. Yoko Kawaguchi (Executive Adviser to the President (Planning and International Exchange), Professor and Chairperson, Oral Health Promotion)
- Dr. Junji Tagami (Dean, Faculty of Dentistry; Dean, Graduate School of Medical and Dental Sciences; Professor and Chairperson, Cariology and Operative Dentistry)
- Dr. Masahiko Shimada (Director, Dental Hospital, Associate Managing Trustee (Dental Treatment), Professor and Chairperson, Orofacial Pain Management)
- Dr. Keiji Moriyama (Director of Dental School, Professor and Chairperson, Section of Maxillofacial Orthognathics)
- Dr. Kouji Araki (Associate Director, Center for Education Research in Medicine and Dentistry (MD center), Professor and Chairperson, Educational System in Dentistry)
- Dr. Ikuko Morio (Director, International Exchange Center, Professor and Chairperson, Dental Education Development)
- Dr. Takashi Ono (Vice Dean, Faculty of Dentistry, Professor and Chairperson, Orthodontic Science)
- Prof. Kevin Cleary (International Exchange Center)
- Dr. Jun Tsuruta (Dental Education Development Section)
- Dr. Yuji Fukui (International Exchange Center)
- Dr. Naoko Seki (International Exchange Center)
- Prof. Takashi Yoshida (Director, Office of International Exchange)
- Mr. Katsuji Onoda (International Exchange Center)
- Mr. Yoshinobu Goto (Office of International Exchange)
- Ms. Hirono Takeda (Office of International Exchange)



President Ohyama (left) welcomed the attendees and Prof. Tagami, Dean, Faculty of Dentistry (right), gave the Opening remarks.



Presentation by Prof. Keiji Moriyama about the undergraduate curriculum of TMDU's School of Dentistry.