I am crucified with Christ: nevertheless I live; yet not I, but Christ liveth in me: and the life which I now live in the flesh I live by the faith of the Son of God, who loved me, and gave himself for me. (Galatians 2:20)

- Yonsei and KT Telecop Launch High-Tech Campus Security System, “Y-Safe”
- Globalympics Held
- Rhythmic Gymnast Son Yeon-jae Wins All-Around at Asian Championships
Yonsei and KT Telecop Launch High-Tech Campus Security System, “Y-Safe”

New Integrated Control Center Opened

Yonsei and KT Telecop have partnered to create “Y-Safe,” a cutting-edge campus security system, while a new integrated control center has been opened. Approximately 1,000 high-resolution surveillance cameras fitted with nighttime infrared sensors have been installed, replacing older cameras. The Y-Safe system allows for enhanced, real-time monitoring of the campus, while adding several safety features, including emergency call stations, loudspeakers and electronic boards to convey vital security notices, and a special application for smartphones.

In order to prevent crimes like assault, theft, and vandalism, Y-Safe’s high-tech CCTVs can identify screams, fire, erratic driving, and a number of other suspicious activities. When cameras register a potential incident, a signal is transmitted to the control center, allowing security personnel to quickly arrive on the scene. Smartphone users with the Y-Safe application can alert the control center by shaking their phone, and anyone can request assistance using the call stations.

Speaking of the new Y-Safe system, Yonsei President Jeong Kap-young said: “Yonsei is constantly striving to improve its education, research, and administration. The launch of Y-Safe, the first integrated, ‘smart’ university security system in Korea, is part of that effort, as it will make students, staff, and faculty feel safer.” Han Dong-hoon, CEO of KT Telecop added: “The integrated security system, using state-of-the-art information technology, will foster a safer learning environment for all Yonsei students.”
17th Yonsei Nobel Forum

“Founding the System of Intracellular Trafficking”

On May 28, the Seventeenth Yonsei Nobel Forum was held in Severance Hospital’s Eunmyung Hall. The theme was “Founding the System of Intracellular Trafficking,” and it was supported by the College of Medicine, College of Dentistry, and College of Life Science and Biotechnology. More than 500 professors, researchers, students, and other guests were in attendance.

The forum’s featured speaker was University of California, Berkeley Professor Randy W. Schekman who shared the 2013 Nobel Prize for Physiology or Medicine with Dr. James Rothman and Dr. Thomas C. Südhof. The three were awarded the Nobel Prize for their ground-breaking work on cell membrane vesicle trafficking.

In the first session, Professor Schekman, who also holds a post at the Howard Hughes Medical Institute, spoke on his research concerning the machinery regulating vesicle traffic in cells. The second session included talks by KAIST physics Professor Yoon Tae-young, who spoke on SNARE proteins in states of tension. Yonsei Professor Lee Min-ku from the Department of Pharmacology then lectured on intracellular proteins in atypical glands. To conclude the session, Dr. Schekman gave a second presentation, this one on the formation of vesicles through secretion, or exocytosis.

After the lectures, there was a question and answer session with Dr. Schekman in the Avison Biomedical Research Center. In it, Dr. Schekman provided the audience with his reflections and advice on life as a scientist. Of his visit to Yonsei and the Nobel Forum, Dr. Schekman said: “I am glad to have met these Korean students in person, and I hope that we are able establish even more vigorous research exchanges between Yonsei University and Berkeley.”

Globalympics

Promoting Cultural Exchange with Sports

On May 21 and 22, the Globalympics were held on the Sinchon Campus. Combining “global” and “Olympics,” the event was designed to facilitate cultural exchange through sports popular in many different countries around the world. More than 500 students participated in Globalympics, taking part in activities such as taekwondo, golf, rowing, boxing, fencing, and soccer.

According to Yonsei Global, which organized the Globalympics, “the participants were quite satisfied with the athletic events and the sports equipment that was provided.” Globalympics was the most recent installment of Global Day, which seeks to promote active cultural exchange among domestic and international Yonsei students. Global Day events take place twice a year.

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Rhythmic Gymnast Son Yeon-jae Wins All-Around at Asian Championships

Top Rhythmic Gymnast in Asia for 3rd Consecutive Year

Rhythmic gymnast and Yonsei student Son Yeon-jae (Sports and Leisure Studies) won the individual all-around title at the Seventh Senior Rhythmic Gymnastics Asian Championships, which were held June 10–13 at Semyung University in Icheon City. Son won the title with a total of 72,500 points, scoring 18.150 in hoop, 18.150 in ball, 18.000 in clubs, and 18.200 in ribbon.

Son is the top rhythmic gymnast in Asia for the past three years, placing first at the 2013 Senior Rhythmic Gymnastics Asian Championships and the 2014 Asian Games, which were held in Incheon. Her achievement is all the more impressive, as she has had to deal with several injuries the past year. Son was unable to participate at the Moscow Grand Prix in early March because of injuries, while damage to her ankle at the Bucharest World Cup in April prevented her from completing the competition.

In an interview with the Segye Times following her victory at the Asian Championships, Son said: “The competition was physically strenuous and psychologically demanding, but it was an opportunity to grow by overcoming these challenges.”

UIC Student Awarded 2015 Poetry Prize by Academy of American Poets

Underwood International College (UIC) student Hedgie Choi was awarded a 2015 University and College Poetry Prize by the Academy of American Poets for her poem “Rosa.” A second UIC student, Lee Hyejoo, received an Honorable Mention for the poem “Women, Tears, and Fire.”

The Academy of American Poets was established in 1934, and it promotes poetry appreciation through activities such as National Poetry Month, the website Poets.org, American Poets magazine, educational support for poetry teachers, and several large poetry contests. The University and College Poetry Prize program, which was created in 1955, today includes more than 200 schools in the United States.

UIC/Yonsei is the only non-American institution to be part of the Academy’s program. Since 2011, UIC and Yonsei’s Department of English Language and Literature have administered the program, and in that time, several UIC students have been prize recipients. This year, student contestants submitted three poems written in English. The entries were then judged by Professors Loren Goodman, Dustin Hellberg, and Kelly Walsh. For her achievement, Hedgie Choi received a cash prize and congratulatory letter from the Academy. She will also be recorded in the Academy’s Annual Report.

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On June 10, the Institute of China conducted a Signboard Hanging Ceremony at the Yonsei International Campus (YIC) in Songdo. The attendees provided celebratory messages expressing their support and commitment to making the institute the best of its kind in Korea. The aim of the YIC Institute of China is to host visiting professors and researchers in Chinese Studies, while facilitating educational and research agreements with relevant domestic and foreign institutions. Yonsei officials expect the institute to make significant contributions to the development of Korean-Chinese relations, while improving the overall quality of Chinese Studies in this nation.

On June 11, the Yonsei Wonju Campus’s Global Health Center and Industry-Academic Cooperation Foundation Office of Research Affairs (IACFORA, http://wresearch.yonsei.ac.kr/) hosted an International Public Health Development Forum with the theme “Towards Sustainable Development.” The forum, sponsored by the Korea International Cooperation Agency (KOICA), is held eight times a year, and this was the first in the series. IACFORA Director Shin Tae-min provided the welcoming address. This was followed by presentations and discussions on issues related to international development and regional area cooperation strategies, as well as successful case studies concerning Millennium Village and sustainable public health training in Africa.

The Wonju Global Health Center was established March 1, 2014 as part of IACFORA, and its purpose is to keep pace with the continuing internationalization of public health and the expansion of Official Development Assistance (ODA). Overall, its mission is to decrease global poverty, promote sustainable development, and improve global health.

The Global Health Center continues to grow and evolve as a major research center for international public health; as such, it is closely linked with a number of domestic and international universities and NGOs concerned with public health issues worldwide. As of this year, the center has received more than 800 million won in grants and funding. Moving forward, it plans to embark on a number of development projects in collaboration with Yonsei’s Institute for Poverty Alleviation and International Development (IPAID) and other medical and welfare research centers.
Yonsei Research Team Develops Stretchable Fiber for Use in “Smart Gloves” and other Wearable Electronic Devices

Sensors Embedded in Smart Gloves Capable of Discerning Sign Language

Cover Article of Advanced Functional Materials

A joint research team, led by Yonsei College of Electrical and Electronic Engineering Professors Lee Tae-yoon and Kim Dae-eun, has developed a highly-stretchable, conductive fiber capable of detecting sign language when embedded in “smart gloves.” This composite fiber, which is made of silver nanowires and nanoparticles in a stretchable polymer, has the potential to be used in a number of wearable and foldable electronic devices to perceive human motions. The stretchable fiber constitutes a significant advance over existing technologies, and because it can be fabricated using a simple wet spinning method, production costs should be relatively low.

The results of the team’s research were featured as the cover article in the June 3 issue of Advanced Functional Materials, a top international journal in the field of materials research. The title of the article is “Stretchable Electronics: Ag Nanowire Reinforced Highly Stretchable Conductive Fibers for Wearable Electronics.” According to Professor Lee and Professor Kim: “We expect this exciting research to contribute greatly to developments not only in wearable smart fabrics but also in the fields of health care, skin care, and robotics.”
On May 15, Dr. Vladimir Lazar, chief operating officer of the WIN (Worldwide Innovative Networking in cancer medicine) Consortium, visited the Yonsei Cancer Research Institute to discuss the development of specialized and targeted cancer treatment drugs based on genetics. Headquartered in Paris, the non-profit WIN Consortium was created in 2010 with the leadership of France’s Gustave Roussy Institute, where Dr. Lazar is head of the Integrated Biology Platform, and the University of Texas MD Anderson Cancer Center.

According to its website, the WIN Consortium "represents a global collaboration of cancer centers, life science and biotech organizations, pharmaceutical and technology companies, health plans, and patient advocacy groups. These stakeholders have come together from all parts of the world to address the challenge of increasing the efficacy of cancer diagnostics and therapeutics by understanding the genetics and biology of each individual’s tumor and accounting for genetic differences across diverse populations—from North and South America, Europe, Asia, and the Middle East." The Yonsei Cancer Research Institute joined the consortium in 2014.

Currently, one of the WIN Consortium’s projects involves developing new treatment drugs for squamous cell lung cancer. During his visit, Dr. Lazar discussed practical issues related to these clinical trials with professors from Severance Hospital’s Lung Cancer Clinic. They also discussed current research on many other types of cancers, the development of more efficacious drug evaluation systems, and the transfer of medical technologies. Later, Dr. Lazar was given a tour of several of the specialized clinics that make up the Yonsei Cancer Center.

On the same day, Professor Rolf A. Stahel, director of the European Society for Medical Oncology, visited the Oncology Center at the invitation of Yonsei’s Song Dang Institute for Cancer Research. While there, Professor Stahel gave a special lecture on “Recent Immunity Treatment in Lung Cancer.” He also discussed potential joint clinical research projects with Yonsei Oncology professors focused on developing new cancer drugs. The two parties plan to continue these discussions at future conferences, in particular the Europe-Asia Oncology Conference, which will be held in December.
Yonsei Students Participate in “Baker King Yonsei Kim: Be a Grandkid for a Day”

Building Relationships with Local Senior Citizens

On May 30, the Yonsei Volunteer Community (YVC) hosted “Baker King Yonsei Kim: Be a Grandkid for a Day.” For the event, forty-seven student volunteers baked pastries with senior citizens who live by themselves.

Student volunteer Park Jong-hyun said that initially he decided to participate because he was interested in baking. However, once the event got underway, Park discovered that the most fulfilling part of the day was making friends with the senior citizens. Another student volunteer, Park Gun-woo, said that the event was a wonderful opportunity not only to bake bread and pastries, but also to share them with their elder guests. The senior citizens were also delighted by the experience. One expressed her pleasure in sharing the baked goods with the students. “They really felt like grandchildren to us,” she said.

YVC Vice President Yeo Ji-sun, who was in charge of organizing “Baker King Yonsei Kim,” was very happy with the opportunities it provided for building relationships with the local community. She said that YVC plans to organize more events like this in the future.

Crisis Response Medical Safety Network Deploys Team to Nepal to Treat Earthquake Survivors

On May 29, the Yonsei Crisis Response Medical Safety Network sent a Medical Support Service Team to Nepal to assist in recovery efforts following the country’s earthquake disaster. Leading the team of twenty was Professor Kim Moon-gyu; he was joined by ten doctors, eight nurses, a pharmacist, and a paramedic.

The Medical Support Service Team was deployed to the village of Ryalale in Kavre District, one of the areas hardest hit by the earthquake. There, the team established a medical camp, providing basic medical services to the local population, including mental health support. Team specialists were able to offer some specialized medical services as well, such as ultrasonography and electrocardiograms. In total, 883 local patients, along with 242 Koreans living in Nepal, received medical attention at the camp.

According to team members, they encountered several cases in which patients complained of abnormal chest pain, nausea, and headaches following the earthquake. Because these are potential signs of trauma, the team hastened to properly diagnose and treat these patients, including providing psychological care. It is hoped that the quick medical intervention will allow these individuals to recover more quickly and avoid symptoms of post-traumatic stress in the future.

In their efforts in Nepal, the Yonsei Medical Support Service Team was assisted by the Korean non-governmental organizations Cooperation and Participation in Overseas NGOs (COPION) and Global Care.
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