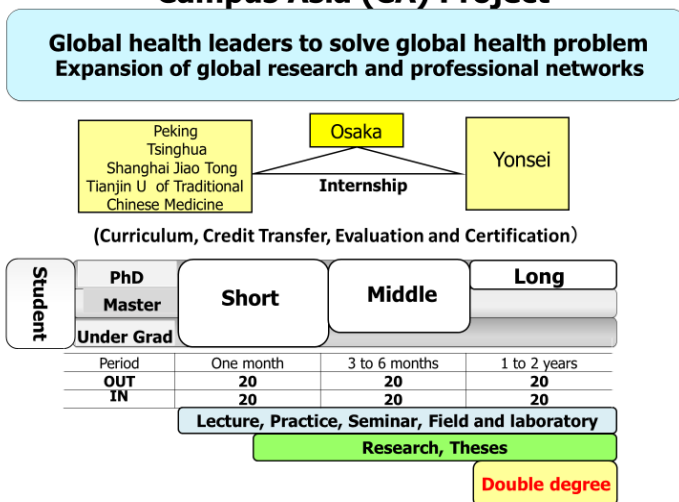


【Name of project】(Adopted year: FY2016, (Type A-② CAMPUS Asia))

Program for raising research leaders in medicine and public health to solve global health problems

【Summary of Project】

Campus Asia (CA) Project



【Summary of exchange program】

Raising research leaders in medicine and public health to solve global health problems due to non-communicable diseases, dementia and other age-related diseases through the Campus Asia Project among Japan, Korea and China. The mission of this program is to train undergraduate, master's and doctoral students to raise research leaders in the fields of medicine and public health. In the future, students are also expected not only work in the university of their own country, but also work in foreign universities, research institutes, public institute in Japan, China or Korea, health companies, administrative agencies or as member of international administrative organizations such as WHO. We set up a global talents network through alumni associations, expected to solve health problems especially in East Asia. The solution of East Asia health problems can also be applied to Central Asia and African countries, which is expected to have a declining birth rate and aging population.

【Global Human Resource on the project】

Global research leaders in medicine and public health to solve global health

【Features of the project】

Osaka University has made the world top-ranking researches in the fields of basic and clinical medicine and public health researches on lifestyle diseases and dementia, and contributed to the prevention and control of non-communicable diseases among the middle-aged and the elongation of disabled-free longevity. Partner universities in China, as well as Osaka University, have conducted top-ranking researches on aging control and new active ingredients of traditional Chinese medicine. The participating university in Korea is also conducting top-ranking large-scale epidemiologic researches under the national registry system and related researches on bio- and medical ethics. Japan, China and South Korea are strongly influenced by Buddhism and Confucianism, and have cultivated unique cultures which are different from Western cultures so that by forming a consortium of the top universities in East Asia, we can take advantage of achieving the synergistic effect of education and researches. Students expected to obtain the sense of ethics and harmony, the comprehensiveness and flexible ways of thinking, as well as logical thinking to become problem-oriented global research leaders.

【Exchange numbers】

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|--------------------------|----------|----------|-----------|-----------|-----------|
| Accepted number in Japan | C4 K1 | C6 K4 | C10 K5 | C10 K5 | C10 K5 |
| Accepted number in China | J4 K0 | J6 K0 | J10 K0 | J10 K0 | J10 K0 |
| Accepted number in Korea | J1 C0 | J4 C0 | J5 C0 | J5 C0 | J5 C0 |

<TypeA-②>

1. FY2016 Progress

【Name of project】(Adopted year: (Adopted year: FY2016, (Type A-② CAMPUS Asia))

Program for raising research leaders in medicine and public health to solve global health problems

■ Exchange Programs



〈Project leader's greeting〉



〈International symposium〉
〈TypeA-②〉



〈International faculty meeting〉

Student-Mobility

○ Outbound from Japan
5 students

○ Inbound to Japan
5 students

| | 2016 |
|--------------------------|----------|
| Accepted number in Japan | C3 K2 |
| Accepted number in China | J4 K0 |
| Accepted number in Korea | J1 C0 |

■ Formation of the university network with quality assurance

Faculty meetings among partner universities in Campus Asia was held to discuss the agreement framework for credit transfer, grades management, academic degrees as well as student support. The exchanges in information and discussion among the faculties were achieved through the faculty meeting, the international symposium and seminars between the partner departments. Double-degree program will be aimed for Ph.D. candidate students through studies in the home and the counterpart universities to receive lectures and practices and to conduct research and to be mentored for doctoral dissertation by faculties in both universities. When the conditions for acquiring Ph.D. degrees at both universities are fulfilled, the degree will be granted to the student by each university.



〈Ceremony for agreement and MOU〉

■ Promotion of student-mobility environment

The Campus Asia office was founded to provide the exchange information before the visit and the support for application submission, selection and reservation by a specially-appointed research associate (who will be a specially-appointed assistant professor in FY2017) who are fluent in Chinese, English and Japanese, and a coordinator who can communicate in English. Under the office, the student support center functioned as “one-stop services system”, and provided the detailed information and individual counselling as well as the safety management by a coordinator who is fluent in English. Student supporters helped the work of the support center. These supports were performed through HP (in English and Japanese), email, phone and face-to-face interview. The students were provided their space for study and research by the departments in host universities.

■ Internationalization of the university information disclosure and publication of outcome

In the faculty meeting, international symposium and seminar in each department, held in Osaka University on March 15 to 17, 2017, the Campus Asia faculty exchanged the information on course curriculums, syllabus, credits and degree requirement in each university, and presented and discussed the plan, progress, achievements and lessons. Students, faculty members, individuals from companies and government offices participated in the international symposium and this event was the start-up for the information disclosure. These activities were also up in the HP to disclose and publish the outcome.

■ Good Practices

- ① Nov. Establish the professional staff structure of this project
- ② Dec. Found the Campus Asia office and student support center
- ③ Dec. to Mar. Development and revision of the draft of program guideline
- ④ Dec. to Jan. Application, interview and permission for outbound, and examination and permission for inbound
- ⑤ Jan. to Mar. Preparation and upload for the Campus Asia HP
- ⑥ Mar. Faculty meeting, international symposium and seminars in each department
- ⑦ Mar. Start the development of syllabus
- ⑧ Mar. Design, confirm and approve the project plan for FY2017
- ⑨ Mar. Found the external evaluation committee
- ⑩ Mar. to May Student sum-up sessions, English reports, and the evaluation by host faculty
- ⑪ Mar. to May FY2016 program report and publication

2. FY2017 Progress

【Osaka University】

【Program for raising research leaders in medicine and public health to solve global health problems】(Adopted year: FY2016, type A-② CAMPUS Asia)

Exchange Programs



〈Project leader's greeting〉



〈International symposium〉



〈Student exchange: Peking University〉

CAMPUS Asia Exchange Student Mobility

○ Inbound to Japan

| | H29 |
|--------------------------|-------------|
| Accepted number in Japan | C 11 K 6 |
| Accepted number in China | J 7 K 1 |
| Accepted number in Korea | J 7 C 16 |

〈Receiving / Sending university〉

China: Peking University, Tsinghua University, Tianjin University of Traditional Chinese Medicine, Shanghai Jiao Tong University
Korea: Yonsei University

Sent from Osaka University:

14 students (Short term: 13 students exchanged about 1 month; Middle term: 1 student exchanged about 3 months).

Received in Osaka University:

17 students (Short term: 12 students; Middle term: 5 students).

Exchanged between China and Korea:

Inbound to China 1student, In bound to Korea 16 students.

○ Outbound from Japan

| | H29 |
|-------------------|-----|
| Outbound to China | J 7 |
| Outbound to Korea | J 7 |

Forming the University Network with Quality Assurance

In FY2017, we made agreements on double degree program with Yonsei University and Tianjin University of Traditional Chinese Medicine, and promoted the systems of credit transfer and degree acquisition. In addition, among the five universities which made MOU in FY2016, in FY2017 we newly made additional agreements with two universities and expanded our collaborative organizations. Regarding the guarantee of education quality, CAMPUS Asia Program (CA) established an evaluation system which assured quality of experience during student exchange period. Academic advisors in accepting laboratory evaluate students, activity, and students also evaluate their experiences and educational achievements during their stay. At Osaka University, along with the introduction of GPA system, to pursue objective grasp of the education status of each student, we are developing a world standard evaluation system. Additionally, we have formulated international public recruitment guidelines, actively recruited foreign faculty, and implemented faculty development (FD) at each graduate school.



〈MOU with 5 universities / 7 organizations〉



〈DDP with 2 universities〉

Promotion of Student-Mobility Environment

Regarding foreign students' acceptance, we found the CA International Student Support Center and placed one associate professor, one assistant professor who is fluent using English・Chinese・Japanese and two administrative staffs who can communicate in English. They provide individual support, counseling and safety management from the stage of preparing acceptance throughout their stay in Japan. In addition, student supporter (TA) is allocated to each exchange student to take care of them during accepting・exchanging・sum-up and returning periods. When Osaka University send Japanese students, the CA International Student Support Center conducts detailed individual support (telephone, mail, web communication) to provide sufficient information as well as individual consultation and safety management. Furthermore, in Osaka University Graduate School of Medicine, 12 departments set up networks for sending and receiving students with rich support system. In various basic and clinical laboratories, students accomplished exchange program and their accepting laboratories are conducting regular assessment on their study and research progress during their stay. In China and Korea, international student support centers at partner universities also have similar support system for exchanged students. They provide sufficient information to students, collect information from supervisors and offering regular support to exchange students.

Internationalization of the university information disclosure and publication of outcome

A system has been established to enhance the collaboration between CAMPUS Asia (CA) Offices in Osaka University and partner universities. As a continue of the FY2016 CAMPUS Asia meeting, we held 3-day international faculty meeting and symposium in FY2017. As a host university, Osaka University welcomed 3-7 delegates and alumni students from each partner university. At the international faculty meeting, universities' participants have made concrete presentations and fruitful discussions on the plans at FY2018, expecting results and possible issues. During the international symposium, cutting-edge research results are presented from top universities in Asia, and laboratories and their counterparts had meetings enhancing future exchange of students and research collaboration. We advertised the event to faculty, student and staff in Japan/Oversea universities, research institutes, companies, administrative agencies and general public, and finally obtained over 200 participation as a total number for 3 days. Furthermore, we established an alumni association for exchanged students to promote networks for cultivating persons to solve East Asia health problems. Future in-alumni communication is expected through this association.

We have constructed double degree program (DDP) with Yonsei University and Tianjin University of Traditional Chinese Medicine, and plan to start operating from FY2018. We are working on DDP agreement with Peking University and Shanghai Jiaotong University for the final improvement.

Good Practices

| | |
|----------------|---|
| 6-26 Aug 2017 | International workshop at Yonsei University |
| 7-9 March 2018 | Campus Asia International Symposium at Osaka University |
| 7-9 March 2018 | International faculty meeting |
| 8 March 2018 | International alumni meeting |
| 9 March 2018 | External evaluation committee |

Year-Round

- Establish professional staff and faculty organization for CA project
- Enrich the activity of the Campus Asia office and Student Support Center
- Revise and enrich the Campus Asia HP (in Japanese & English)
- Revise the syllabus and credit transfer system
- Provide application, interview and permission for outbound students
- Provide examination and accreditation for inbound students
- Establish student evaluation and report system including sum-up sessions, English reports, and the evaluation by host faculty
- Provide professional supervision by faculty members and lectures at partner universities

3. FY2018 Progress

【Osaka University】

【Program for raising research leaders in medicine and public health to solve global health problems】(Adopted year: FY2016, (TypeA-② CAMPUS Asia))

■ Exchange Programs



〈FY2018 CAMPUS Asia International Symposium: Tianjin University of Traditional Chinese Medicine〉



〈Yonsei University Workshop〉



〈Yonsei University Social Event〉

Student-Mobility

○ Outbound

Students from Osaka University School of Medicine and Graduate School of Medicine were sent to China and Korea partner universities. Outbound students were selected by documentary examination and English interviews, the target of outbound exchange number has been achieved each year since 1st year of program in 2016 and the number has increased year by year. From FY2016 to FY2018, exchanging was centered on short- and mid-term. In FY2019, one student was decided to go to Peking University and another student to Yonsei University under Double Degree Program (DDP).

○ Inbound

China and Korea universities examine CA exchange candidate students carefully, after, Osaka University CA conduct paper screening and accept passed students.

Aiming to expand educational research programs, we accepted students from basic medicine and clinical medicine department, to improve learning and research opportunities. Furthermore, Osaka University grants 1 credit per week, issues a completion certificate and a transcript after exchange to inbound students. In FY2019, Osaka University plans to accept one DDP student from Peking University and one DDP student from Yonsei University.

〈TypeA-②〉

| | | 2018 |
|--------------------------|---|------|
| Accepted number in Japan | C | 11 |
| | K | 4 |
| Accepted number in China | J | 7 |
| | K | 1 |
| Accepted number in Korea | J | 10 |
| | C | 8 |

■ Forming the University Network with Quality Assurance

FY2018 Annual International Symposium, International Faculty Meeting and CA Alumni Meeting were held at Tianjin University of Traditional Chinese Medicine and Peking University. Topics as credits transfer, exchange performance management and completion certificate issue to short- and mid-term exchange were discussed. Furthermore, in order to improve the self-evaluation and exchange program quality management, three countries common evaluation sheets, including questionnaire(student), self-evaluation sheet(student), performance evaluation sheet (supervisor) were approved into use. With the regard to guaranteeing education quality, Osaka University implements GPA system, and also work on the improving of exchange study status management, global standards evaluation system. In addition, we have formulated International open-recruitment guidelines, recruit foreign teachers, conduct faculty development (FD).



〈Student Exchange: Short-term Exchange at Osaka University〉

■ Promotion of Student-Mobility Environment

Osaka University CA office has professional and staff members who are fluent in English and Chinese. We provide e-mail and face to face individual support to inbound, outbound students. In addition, through close collaboration and information sharing with CA China and Korea, high quality education and safety management have been achieved. Osaka University has established a basic, clinical and social medicine cooperative system (13 departments in Osaka University) to promote learning environments according to the needs of students.



〈FY2018 International Faculty Meeting at Peking University〉

■ Internationalization of the university Information disclosure and Publication of outcome

In FY2018, Osaka-Peking-Yonsei University student exchange assembly meeting were held twice at Osaka University. English lectures on medicine and public health were given by CA professors, student also did presentation and evaluated by CA professors. Japan-China-Korea CA consortium efforts to cultivate global leaders in medical and public health research. In International Symposium, all consortium universities reported program progress and shared information. At the CA Alumni Association, the alumni members gave presentations on learning and research results while studying abroad. As information disclosure, program status and exchange recruitment information has been uploaded on CA homepage.

■ Good Practices

Through International Faculty meetings and web meeting among 3 countries, we discussed DDP credit transfer and performance management, syllabus and reached consensus. A framework for high quality inter-university communication has been created. In addition, we formulated core competencies for cultivating our target global leader in medicine and public health field. To achieve this, we worked though communication framework, discussed the way to support students and how to promote the learning support system and research environment.

CA Alumni Association, launched in 2017, enhanced and expanded international network of students and researchers.

4. FY2019 Progress

【Osaka University】

【Program for raising research leaders in medicine and public health to solve global health problems】(Adopted year: FY2016, (TypeA-② CAMPUS Asia))

■ Exchange Programs



〈FY2019 CAMPUS Asia International Symposium: Yonsei University〉



〈CA Alumni: Good Presentation Award Ceremony〉



〈CA Winter Workshop Group Photo: Yonsei University〉

Student-Mobility

○ Outbound

Students from Osaka University School of Medicine and Graduate School of Medicine were sent to China and Korea partner universities. Outbound students were selected by documentary examination and English interviews, the target of outbound exchange number has been achieved each year since 1st year of program in 2016 and the number has increased year by year. From FY2016 to FY2018, exchanging was centered on short- and mid-term. In FY2019, Osaka University sent one student to Peking University and one student to Yonsei University with credit earning under Double Degree Program (DDP). The first medical doctoral DDP program started in China and Korea.

○ Inbound

China and Korea universities examine CA exchange candidate students carefully, after, Osaka University CA conduct paper screening and accept passed students. Aiming to expand educational research programs, we accepted students from basic medicine and clinical medicine department, to improve learning and research opportunities. Furthermore, Osaka University grants 1 credit per week, issues a completion certificate and a transcript after exchange to inbound students. In FY2019, Osaka University plans to accept one DDP student from Peking University and one DDP student from Yonsei University. The first medical doctoral DDP program started in Japan.

<TypeA-②>

| | 2019 |
|--------------------------|--------------|
| Accepted number in Japan | C 13 K 13 |
| Accepted number in China | J 8 K 6 |
| Accepted number in Korea | J 6 C 24 |

■ Forming the University Network with Quality Assurance

FY2018 Annual International Symposium, International Faculty Meeting and CA Alumni Meeting were held at Yonsei University. Topics as credits transfer, exchange performance management and completion certificate issue to short- and mid-term exchange were discussed. Furthermore, in order to improve the self-evaluation and exchange program quality management, three countries common evaluation sheets, including questionnaire(student), self-evaluation sheet(student), performance evaluation sheet (supervisor) were approved into use. With the regard to guaranteeing education quality, Osaka University implements GPA system, and also work on the improving of exchange study status management, global standards evaluation system. In addition, we have formulated International open-recruitment guidelines, recruit foreign teachers, conduct faculty development (FD).



〈 Summer Workshop Field Trip: Fujiidera Public Health Center 〉

■ Promotion of Student-Mobility Environment

Osaka University CA office has professional and staff members who are fluent in English and Chinese. We provide e-mail and face to face individual support to inbound, outbound students. In addition, through close collaboration and information sharing with CA China and Korea, high quality education and safety management have been achieved. Osaka University has established a basic, clinical and social medicine cooperative system (13 departments in Osaka University) to promote learning environments according to the needs of students.



〈Summer Workshop Farewell Party〉

■ Internationalization of the university Information disclosure and Publication of outcome

Osaka-Peking-Yonsei University student exchange assembly meeting were held twice at Osaka University. English lectures on medicine and public health were given by CA professors, student also did presentation and evaluated by CA professors. Japan-China-Korea CA consortium efforts to cultivate global leaders in medical and public health research. In International Symposium, all consortium universities reported program progress and shared information. At the CA Alumni Association, the alumni members gave presentations on learning and research results while studying abroad. As information disclosure, program status and exchange recruitment information has been uploaded on CA homepage.

■ Good Practices

Through International Faculty meetings and web meeting among 3 countries, we discussed DDP credit transfer and performance management, syllabus and reached consensus. A framework for high quality inter-university communication has been created. In addition, we formulated core competencies for cultivating our target global leader in medicine and public health field. To achieve this, we worked though communication framework, discussed the way to support students and how to promote the learning support system and research environment.

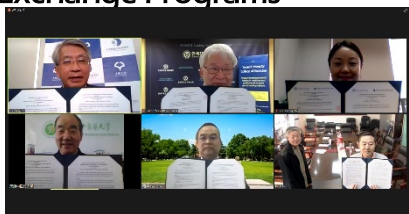
CA Alumni Association, launched in 2017, enhanced and expanded international network of students and researchers.

5. FY2020 Progress

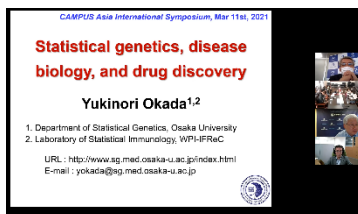
[Osaka University]

【 Create a community of future world leaders who will advance health sciences and promote the level of health through innovation and research in medicine and public health to solve and reduce global health burdens 】(Adopted year: (Adopted year: FY2016, (TypeA-② CAMPUS Asia))

Exchange Programs



〈 FY2020 CAMPUS Asia International Symposium Agreement Renewal〉



〈CAMPUS Asia International Symposium〉



〈CAMPUS Asia Alumni Meeting〉

Student-Mobility

Outbound

In FY2020, short- and mid- term exchange were changed to an online form, CJK Online Workshop on Aging-Related Diseases held in November ,and 9 students from Osaka University have participated, attended lectures given by professors from CAMPUS Asia(CA) consortium universities, and participated in student group presentation with Chinese and Korean students from oversea universities. On March, CA International Symposium was hold, 5 Osaka University students joined. In FY 2019, CA medical doctoral Double Degree Program (DDP) was started. Osaka University has sent 1 student to Peking University and 1 student to Yonsei University with credit transfer and credit earning under DDP. In FY 2020, we continued supporting those DDP students for credit in both sending university and receiving university, as well as write research papers.

Inbound

In FY2020, short- and mid- term exchange were changed to an online form, CJK Online Workshop on Aging-Related Diseases held in November. Students from Peking:6, Tsinghua:14, Tianjin:12, Shanghai:2, Yonsei:4 participated in the workshop interacted with other students and learned through lectures and group work. In March, 13 students joined to CA International Symposium. Since FY 2019, Osaka University has accepted 2 DDP students. 1 DDP student from Peking University at the Department of Public Health and 1 student from Yonsei University at the Department of Medical Ethics and Public Policy. The international students assigned to the laboratories were provided with lectures and programs in English which helped them in their education and engagement in research activities in the same environment as Japanese students. Even during the infectious pandemic era, we continued to provide support for earning credits and writing research papers.

<TypeA-②>

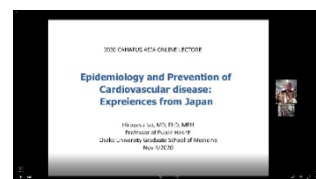
| | 2020 |
|--------------------------|-------------|
| Accepted number in Japan | C 36 K 5 |
| Accepted number in China | J 9 K 5 |
| Accepted number in Korea | J 9 C 36 |

Forming the University Network with Quality Assurance

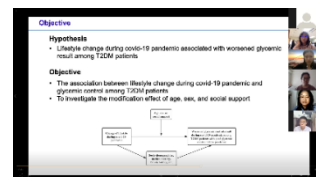
During FY2020 The Annual International Symposium and The International Faculty Meeting were held online. Topics of credits transfer, evaluation for exchange students, and completion certificate issue to short- and mid-term exchange were discussed. Furthermore, in order to improve the self-evaluation and exchange program quality management, the three countries common evaluation sheets, including questionnaire (fill by student), self-evaluation sheet (fill by student), performance evaluation sheet (fill by receiving professor) were approved into use.. With renew the agreement between universities , Osaka University continues to implement the GPA system. Also, work on the improving of exchange study status management and global standards evaluation system In addition, under the supervise of Osaka University administrative office, we have formulated International open-recruitment guidelines, recruit foreign teachers, and keep on with faculty development (FD).

Promotion of Student-Mobility Environment

Osaka University CA office has faculty and staff members who are fluent multilingual speakers (Japanese, English, and Chinese). We provide several methods of communications (e-mail and face to face) to assure the continuous support to the inbound and outbound students. Furthermore, through close collaboration and information sharing with both CA China and Korea offices, we are achieving high standards in quality education and safety management. Osaka University has established a basic, clinical and social medicine cooperative system (22 departments in Osaka University) to promote learning environments according to the needs of students. In addition, opportunities for international exchange during pandemic were continued through utilizing the e-learning system and online workshops.



〈CJK Seminar on Aging-Related Diseases〉



〈 CAMPUS Asia Alumni: Presentation Award Ceremony 〉

Internationalization of the university Information disclosure and Publication of outcome

At the online workshop students attended 17 lectures in the field of medicine and public health in English. In addition to that, students were divided into 8 groups and engaged in discussions and group work on the lecture research. The faculty members of the participating universities provided advises and evaluation of the students' presentations. The consortium of Japan, China and Korea has been making organizational efforts to foster global leaders in medical research. At the international symposium, each university presented the results and achievements of its five-year program. Also, The annual alumni reunion among students from Japan, China, and Korea who have participated in this program was held online. Students had participated by research presentations and discussions with alumni members.

Good Practices

Through the International Faculty meetings and web meeting among the 3 countries, several topics were discussed including the DDP credit transfer and performance management, syllabus and reached consensus. A framework for high quality inter-university communication has been created. In addition, we formulated core competencies for cultivating our target global leader in medicine and public health field. To achieve this, we worked though communication framework, discussed the way to support students and how to promote the learning support system and research environment. CA Alumni Association, launched in 2017, enhanced and expanded international network of students and researchers.