

July 16, 2015

QS Symposium at Osaka University

Actions for Globalization of Osaka University

- Research Promotion -

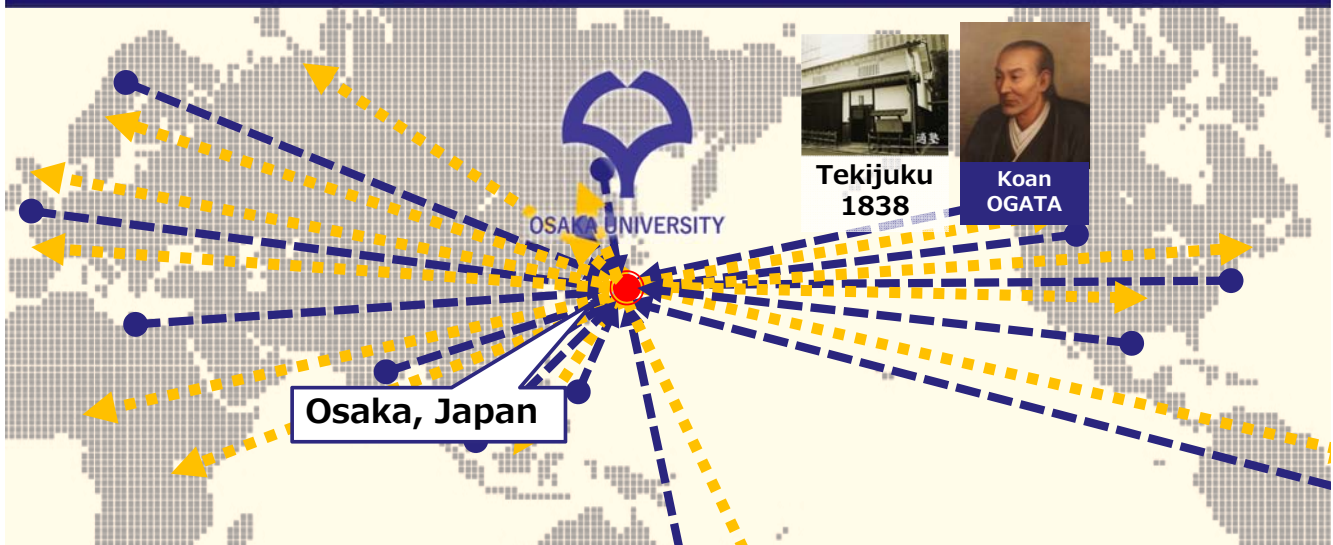
Saburo AIMOTO, Executive Vice President

Masao IKEDA, Vice President

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From “Tekijuku” to “World Tekijuku” Creating Harmonious Diversity through Scholarship

Talented students and researchers **from all over the world**
gather to study hard together



They make contributions to the world in various ways
under the principle of creating harmonious diversity

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Institute for Academic Initiatives

Promotion of interdisciplinary research areas

- Innovative Research for Drug Development
- Cognitive Neuroscience Robotics
- Photon Science and Technology
- Global History

Produce world-class leaders

MEXT Program for Leading Graduate Schools
Cross-boundary innovation,
Multicultural innovation, etc.



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Programs for the Promotion of Research Capability and Globalization

International Joint Research Promotion Program

This project aims to support advanced researches between international researchers and Osaka University researchers at the laboratories in Osaka University. **International Joint Research Labs**

Future Research Initiative Group Support Project

This project aims to promote basic researches and to exercise leadership in research initiatives directed toward solutions for national challenges.

Program for Creating Future Wisdom

This program supports the creation of on-campus joint research systems for young researchers at Osaka University.

Research Abroad Program and Visiting Scholar Program

These programs aim to increase opportunities for conducting international joint research projects at and by Osaka University.

Financial Support to International Symposiums

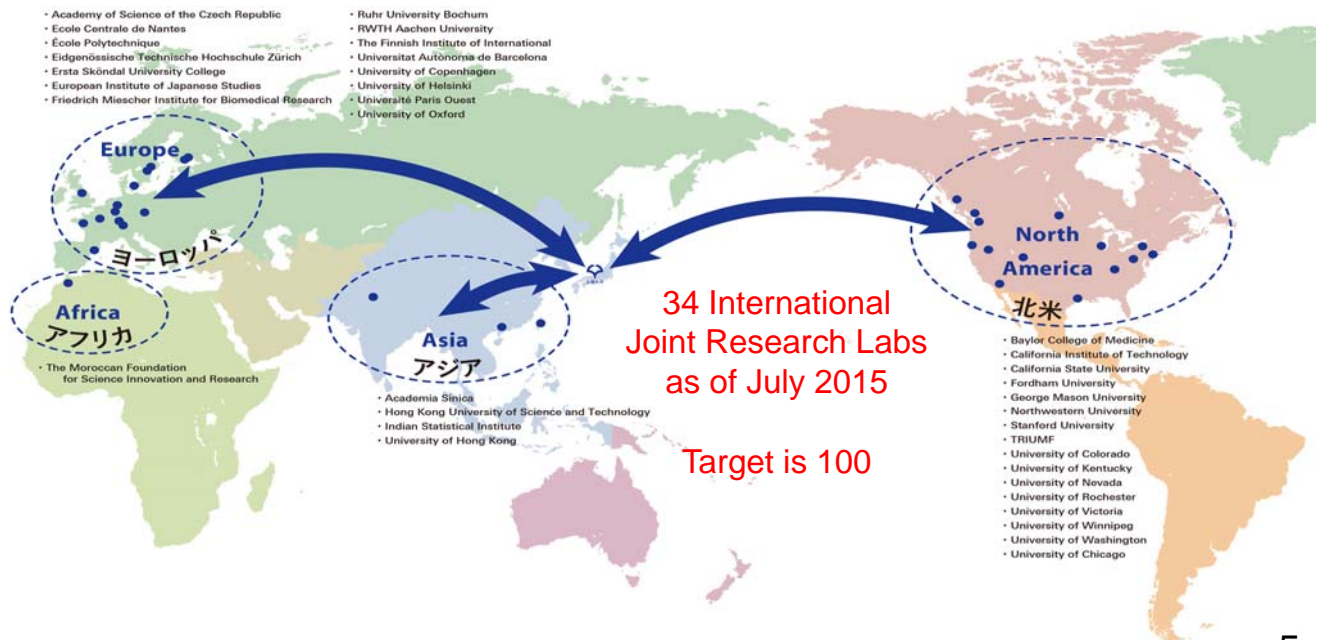
Osaka University supports education and research organizations planning to hold international symposiums and similar events for the purpose of sharing their Research results and the activities of their researchers with the ones all of the world.

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Globalization

- International Joint Research Labs -

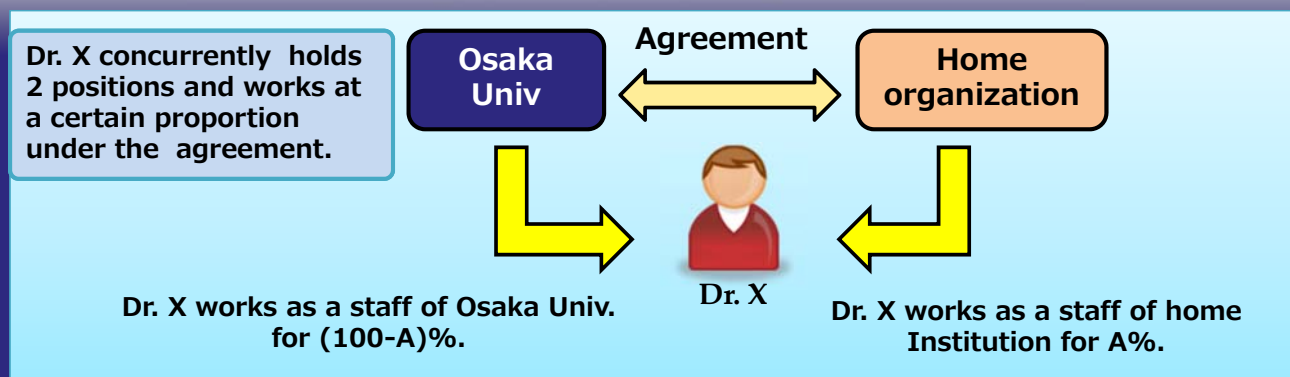
International Joint Research Promotion Program



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Cross-Appointment System

-Promotion of the variety of the staff-



Expected effect

- Dr. X can work at Osaka University, keeping a position in his/her home organization.
- Osaka University can enhance its activities in education and research significantly by accepting excellent talented persons.
- Osaka University can promote new-type university-industry relationship.

No. of Agreements

31 organizations in 14 countries and regions
37 individuals as of July 2015

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Special Support for Foreign Students

Acceleration of globalization and the diversification of the Researchers

◆ Osaka University supports employment of foreign researchers just after their getting Ph.D. degrees in Osaka University for their advanced research and university-staff career, as well as for globalization of research environment of Osaka University

- Seventeen new doctors are employed on April 1st, 2015.
- Nine countries/area
Korea, China, Taiwan, Philippine, Malaysia, Vietnam, Bulgaria, Egypt, Brazil
- 27 more foreign students will be employed after receiving their Ph.D. degrees on October 1st, 2015.

- Short term merit → globalization and diversification of researchers
- Long term merit → contributing to Osaka University in the future as a permanent staff as well as a staff based on a cross appointment system

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Promotion of Research

-Contribution of University Research Administrators (URAs) -

- ◆ University research administrators (URAs) carry out a man to man support on request, depending on categories in the subsidy.
- ◆ In case of subsidies from outside of University such as MEXT, JSPS, and JST, URAs provide useful information to researchers.
- ◆ URAs support young researchers by proofreading of their proposals, and established faculties by giving comments for their presentations at interviews.
- ◆ URAs also play big roles in application to large scale national projects.
- ◆ URAs are engaged in institutional research (IR) for university rankings.
- ◆ URAs are indispensable to reinforcement of research capability.
- ◆ The Head of URAs is a Vice President.

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QS Rankings for Osaka University

Osaka University					
	2011	2012	2013	2014	2015
QS World Rankings	45 (3)	50 (3)	55 (3)	55 (3)	TBA
QS Rankings: Asia	8 (3)	11 (3)	15 (4)	13 (3)	13 (2)

() : in Japan

QS World University Rankings by Subjects 2015 Osaka University			
Chemistry	19 (3)	Modern Languages	51-100
Biological Sciences	38 (3)	Computer Sciences	
Chemical Engineering	39 (4)	Electrical & Electronics Eng.	
Dentistry	44 (2)	Mechanical & Aeronautical Eng.	
Physics & Astronomy	45 (5)	Medicine	
Materials Sciences	46 (5)	Pharmacy & Pharmacology	

() : in Japan

in 36 subjects

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Highly Cited Researchers 2014 by Thomson Reuters

Category from 21	Osaka Univ.	Univ. Tokyo	RIKEN	Kyoto Univ.	Tohoku Univ.	Whole Japan
Biology & Biochemistry	2	1		2		6
Chemistry	2			1		4
Clinical Medicine	3					4
Engineering						3
Geosciences						2
Immunology	6	4		2		19
Materials Science	1	1			2	8
Mathematics						1
Microbiology		1				1
Molecular Biology & Genetics		1				1
Pharmacology & Toxicology		1	1			5
Physics	1	5	1	1	2	14
Plant & Animal Science	1	3	8	1	3	26
Space Science		3				5
Total	16	20	10	7	7	99

※1 Highly Cited Researchers 2014 represents some of world's leading scientific minds, who published many top 1% most cited papers from 2002 to 2012.

※2 Professor Shizuo AKIRA of Osaka University is selected in the categories of Biology & Biochemistry, Clinical Medicine, and Immunology.

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On Rankings

Notes

1. University rankings represent some, but not all, aspects of universities.
2. Methodologies of some rankings are not enough explained to universities. Sometimes, they are changed without any persuasive explanation.
3. Students and researchers may take university rankings into account when they choose universities. We cannot ignore them.

Expectations

1. Actions for research promotion in Osaka University will contribute to the high quality and large quantity of research papers.
2. High quality and large quantity of papers will be followed by high reputation for the university and high citations of the papers.
3. Higher reputation of the university and higher citations of papers will be followed by higher scores in university rankings.