Osaka University

Prof. Toshiharu Hase
International Strategy of Osaka University
- Overseas Centers and Networks -

North American Center
(San Francisco Office)
Est. 2004

European Center
(Groningen Office)
Est. 2005

East Asian Center
(Shanghai Office)
Est. 2010

ASEAN Center
(Bangkok Office)
Est. 2005

Academic Exchange Agreements
Inter-University: 109
Inter-Faculty: 535
A Mutual Profitable International Collaboration

Top 100 Institutions collaborating with Osaka University

Field Weighted Citation Index

Number of Domestic and International Joint Papers

Domestic
International

Heidelberg
Munich
Bonn
Freiburg
Mainz
Gottingen
Würzburg
H-U Berlin

Kyusyu
Nagoya

RIKEN
JST

Tohoku

Tokyo

Kyoto
Okayama University is a comprehensive university, which has 11 Faculties and 7 Graduate schools, 3 Institutes and 1 Hospital.

11 Faculties
- Faculty of Letters
- Faculty of Education
- Faculty of Law
- Faculty of Economics
- Faculty of Science
- Faculty of Engineering
- Faculty of Environmental Science and Technology
- Faculty of Agriculture
- Faculty of Pharmaceutical Sciences
- Medical School
- Dental School

7 Graduate Schools
- Graduate School of Education
- School of Law
- Graduate School of Humanities and Social Sciences
- Graduate School of Natural Science and Technology
- Graduate School of Environmental and Life Science
- Graduate School of Health Science
- Graduate School of Medicine, Dentistry and Pharmaceutical Science

Students: 13,189  Staff: 3,960  International Students: 520

This year (2016), OU established 2 New Research Institutes in the field of Planetary Science and Interdisciplinary Science (material science, photosynthesis, physics and superconductor).

<Research Institutes at Okayama University>
- Institute of Planetary Materials New!
- Research Institute for Interdisciplinary Science New!
- Institute of Plant Science and Resources

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Location and Feature...
Sunny, Mild Climate, No Typhoon, No earthquake, Historical city and Nice food

We are looking forward seeing you !!

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Kyoto University European Center Heidelberg Office
Research and Educational Collaboration in Germany

*Research Support

Joint Symposium Organization
Sweden-Kyoto, Sep. 11-12, 2014, Stockholm
Bordeaux-Kyoto, May. 21-23, 2015, Kyoto
Bristol Heidelberg Kyoto, Dec. 5-6, Bristol

New MoU – FY2015 to present
L’Ecole des Hautes Etudes en Sciences Sociales (EHESS) (France)
University of Luxembourg (Luxembourg)
Mohamed V University, Rabat (Morocco)

International Laboratory
Kyoto-Kumamoto-Bordeaux Joint Laboratory
“Chiral Nanoobjects for Photonic Application”
October 2-3, 2015, Bordeaux

*Educational Support

★ Academic Café; Guidance for German students
Heidelberg, 04 Jul 2015

“International Day” Erlangen-Nürnberg University Business School, 10 Nov 2015

Japan Tag -Forschung und Studium in Japan-
JSPS Bonn Office & Düsseldorf University, Düsseldorf, 05 Nov 2015

Experience Japan 2015
Keio University and British Council, London, 13 Nov. 2015

Studium in Japan
General Consulate of Japan in Munchen
-Heidelberg; 24 May 2016
-Freiburg; 08 June 2016
(Co-organized with Nagoya Univ. European Center)

Foreign Students
Inbound: 1. France (28) 2. Germany (20) 3. UK(12)
Outbound: 1. UK (200) 2. Germany (106) 3. France (98)

Number of Faculty Members-2,832
Number of Students
Undergraduate -------- 11,852
Master’s students ------- 4,516
Doctoral students -------- 3,620
Professional Degree Students -- 798
HeKKSaGOn Consortium - German-Japanese Universities Alliance Established in 2010

A central gateway to promote collaborative activities across Europe.
A vital platform to generate multidisciplinary and cutting-edge research in Japan and Germany.
A partnership to create mutually beneficial education projects, such as double/joint-degree programs.

Research Field
1. Life & Natural Science Fusion
2. Coordination Chemistry for Energy Conversion, Catalysis & Nanotechnology
3. Social Sciences & Humanities
4. Disaster Risk & Response: Scientific & technological Issues
5. Dynamic Imaging for Physical, Chemical & Biological Interests
6. Robotics: Challenges & Opportunities in the 21st Century
7. Japanese-German Neuroscience Research Network
   Focusing on Psychosis, Affective Disorders & Related Traits
8. Mathematics in Life Sciences, Materials Science & Economy

Joint Degree Program with Heidelberg
"Courses on Asian and Transcultural Studies"
Kyoto University Graduate School of Letters, Faculty of Letters and Heidelberg Center for Transcultural Studies (HCTS).
The credit transfer system of M.A student started. (October 2015)

Nurturing Global Experts and Leaders Contributing to the Sustainable Development of Asia

Kyoto University Winter School 2016
"From Materials to Life: Multidisciplinary Challenges"
(February 14-26, 2016)

Heidelberg University Kyoto Office
Since 2015. April

5th Presidential Conference
September 29-30th 2016 @ Karlsruhe

Heidelberg, Kyoto, Karlsruhe, Sendai (Tohoku), Göttingen, Osaka
Kumamoto University

Prof. Takashi Hiyama
International Research Organization for Advanced Science and Technology (IROAST) Starting from April of 2016

Four Major Research Areas for Advanced Innovation

- Nano Material Science
- Green Energy
- Environmental Science
- Advanced Green Bio

Director
Vice-Director

Pls
Distinguished Professors Visiting Professors

Pls (4)
Tenure Track Professor or Associated Professor Posts

Pls (6)
Young Faculty Members for International Joint Research

Post Doctoral Fellows (4)
Research Supporting Unit
URA(4) including International Coordinators

Tenure Posts at Graduate School of Science and Technology

- Fifth High School Museum
- Machine Shop
- Chemistry Laboratory
- School of Engineering Headquarters Building

Seriously Damaged Kumamoto Castle
Collapse of Volcanic Edifice
## Tightly Related Universities and Institutions in European Region

<table>
<thead>
<tr>
<th>Overseas Universities &amp; Institutions</th>
<th>Country</th>
<th>Associated Researchers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dusseldorf University</td>
<td>Germany</td>
<td>Prof. Ruediger Simon</td>
</tr>
<tr>
<td>RWTH Aachen University</td>
<td>Germany</td>
<td>Prof. Dmitri Molodov</td>
</tr>
<tr>
<td>Leibniz Institute for Applied Geophysics</td>
<td>Germany</td>
<td>Dr. Matthias Halisch</td>
</tr>
<tr>
<td>Ruhr University Bochum</td>
<td>Germany</td>
<td>Prof. Victoria Yardley</td>
</tr>
<tr>
<td>Max Planck Institute for Metals Research</td>
<td>Germany</td>
<td>Prof. Siegfried Hofmann</td>
</tr>
<tr>
<td>Fraunhofer WKI</td>
<td>Germany</td>
<td>Prof. Tunga Salthammer</td>
</tr>
<tr>
<td>CNRS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bordeaux University</td>
<td>France</td>
<td>Prof. Reiko Oda, Dr. Dario Bassani, Dr Nathan McClenaghan</td>
</tr>
<tr>
<td>Institute Polytechnic of Bordeaux</td>
<td></td>
<td></td>
</tr>
<tr>
<td>European Molecular Biology Laboratory</td>
<td>France</td>
<td>Prof. Ramesh Pillai</td>
</tr>
<tr>
<td>Joseph Fourier University</td>
<td>France</td>
<td>Assoc. Prof. Laurent Oxarango</td>
</tr>
<tr>
<td>Polytech Clemont-Ferand</td>
<td>France</td>
<td>Dr. Bastien Chevalier</td>
</tr>
<tr>
<td>University of Lorraine</td>
<td>France</td>
<td>Dr. Anne-Julie Tinet</td>
</tr>
<tr>
<td>INRA</td>
<td>France</td>
<td>Prof. Bruno Favery</td>
</tr>
<tr>
<td>University of Metz</td>
<td>France</td>
<td>Prof. Claude Esling</td>
</tr>
<tr>
<td>Wageningen University</td>
<td>Holland</td>
<td>Prof. Ben Scheres</td>
</tr>
<tr>
<td>Aarhus University</td>
<td>Denmark</td>
<td>Assoc. Prof. Anders Feiberg</td>
</tr>
<tr>
<td>University of Debrecen</td>
<td>Hungary</td>
<td>Prof. Zoltan Erdely</td>
</tr>
<tr>
<td>Zurich University</td>
<td>Switzerland</td>
<td>Prof. Kentaro Shimizu</td>
</tr>
<tr>
<td>Umea Plant Science Center</td>
<td>Sweden</td>
<td>Prof. Catherine Bellini</td>
</tr>
<tr>
<td>University of Rome</td>
<td>Italy</td>
<td>Prof. Giulia Delorenzo</td>
</tr>
<tr>
<td>AGH University of Science and Technology</td>
<td>Poland</td>
<td>Prof. Krzysztof Wojciechowski</td>
</tr>
<tr>
<td>Gehnt University</td>
<td>Belgium</td>
<td>Assoc. Prof. Ive de Smet</td>
</tr>
<tr>
<td>Vesalius Research Center</td>
<td>Belgium</td>
<td>Director Peter Carmeliet</td>
</tr>
<tr>
<td>Czech Academy of Science</td>
<td>Czech Republic</td>
<td>Prof. Radim Blaheta, Prof. Lubomir Stas, Prof. Pavel Lejcek, Dr. Kamil Soucek</td>
</tr>
<tr>
<td>Heyrovsky Institute of Physical Chemistry</td>
<td>Czech Republic</td>
<td>Assoc. Prof. Petr Krtil</td>
</tr>
<tr>
<td>Masaryk University</td>
<td>Czech Republic</td>
<td>Prof. Mojmir Sob</td>
</tr>
<tr>
<td>University of Glasgow</td>
<td>GB</td>
<td>Prof. David Fearm</td>
</tr>
<tr>
<td>Cambridge University</td>
<td>GB</td>
<td>Prof. Paul Dupree</td>
</tr>
<tr>
<td>University of Manchester</td>
<td>GB</td>
<td>Dr. Andre Geim, Dr. Kostya Novoselov</td>
</tr>
<tr>
<td>Manchester Metropolitan University</td>
<td>GB</td>
<td>Prof. Clive Mingham</td>
</tr>
</tbody>
</table>
Keio University

Mr. Atsushi Kaneki
What is Keio University?

Founded by **Yukichi Fukuzawa** in 1858

Oldest private general education institution in Japan

33,000+ Students in **10 Undergrad Faculties and 14 Grad Schools**, Major campus in **Tokyo** region, 300+ international partners,

26 double degree programs, 14 degree programs offered in **English**, 4.9m books in the library, 9th in **Top 100 Global Executives** Index, 1st in Japanese Nat’l **Bar Exam**, 1st in Japanese Nat’l **CPA**, and

One of the 13 **Top Global Universities**

<table>
<thead>
<tr>
<th></th>
<th>National/Public</th>
<th>Private</th>
<th>Keio University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of Universities</td>
<td>172</td>
<td>603</td>
<td>-</td>
</tr>
<tr>
<td>Total No. of Students</td>
<td>860,000</td>
<td>2,100,000</td>
<td>33,000+</td>
</tr>
<tr>
<td>% of Grad Students of the Total</td>
<td>25%</td>
<td>5%</td>
<td>10%+</td>
</tr>
<tr>
<td>% of Researchers in the Fields of Sci., Tech., Eng., and Med.</td>
<td>70%</td>
<td>40%</td>
<td>30%+</td>
</tr>
</tbody>
</table>

His portrait used in **10,000 yen note. Every Japanese knows him!**
Keio’s Global Initiatives

**Longevity**
Initiative to realize a society where people live better, longer lives

**Security**
Initiative to assure a safer, more sustainable society

**Creativity**
Initiative to bolster innovation in education and research

**Integrative Approaches**

- Measuring the tremors of an earthquake-savvy public
- Leading the race against dementia
- Motion sensors for sporting excellence

Leading the race against dementia
Research Topics at University of Tsukuba  
e.g., Integrative Sleep Medicine & Microbial Community Control

Solving the Mystery of Sleep

Molecular Genetics
- Why coffee wakes us up?

Neuroscience

Medicinal Chemistry

NOMURA
Microbial Community Control project

World Premier International Research Center Initiative (WPI)
International Institute for Integrative Sleep Medicine (IIIS)