

# Centers

## 教育研究施設等



学術情報メディアセンター

### ACADEMIC CENTER FOR COMPUTING AND MEDIA STUDIES (ACCMS)

The Academic Center for Computing and Media Studies conducts research and development on advanced applications of IT infrastructures and information media. The research findings are used to improve the education and research environment at Kyoto University and academic institutions nation-wide.

We also cooperate with the Institute for Information Management and Communication to improve university services, and research faculty work with graduate schools to apply their knowledge and findings to the university's curricula.

[www.media.kyoto-u.ac.jp/en/](http://www.media.kyoto-u.ac.jp/en/)

放射線生物研究センター

### RADIATION BIOLOGY CENTER

Living organisms have developed several mechanisms to repair radiation damaged DNA. Over the course of evolution, some of those mechanisms were adapted and modified, and now play important roles in a wide range of biological events such as oxidative stress response, brain development, cell cycle regulation, chromosome dynamics and tumor suppression. The Radiation Biology Center studies the way in which DNA repair mechanisms maintain life by combating various external and internal threats.

[www.rbc.kyoto-u.ac.jp/RBCHome/RBCeng.html](http://www.rbc.kyoto-u.ac.jp/RBCHome/RBCeng.html)

生態学研究センター

### CENTER FOR ECOLOGICAL RESEARCH (CER)

The approach taken by the Center for Ecological Research combines field studies, theory and experimentation, using methodologies such as the detection of ecological patterns, theoretical model analysis, and experimental theory testing. Research topics include spatial and temporal dynamics, biological interactions in terrestrial and aquatic ecosystems, and the ecological functions of biodiversity. The center also studies human impact, and aims to develop a general theory for the conservation of biodiversity and ecosystems.

Hirano 2-509-3, Otsu, 520-2113  
[www.ecology.kyoto-u.ac.jp/ecology/english](http://www.ecology.kyoto-u.ac.jp/ecology/english)

地域研究統合情報センター

### CENTER FOR INTEGRATED AREA STUDIES (CIAS)

Through innovative area studies approaches focusing on the analysis of inter-area relationships and inter-area comparisons, the Center for Integrated Area Studies seeks to deepen our understanding of modern global regions. The center has also established the new field of area informatics, which merges area studies with informatics. The CIAS was reestablished as a Joint Usage/Research Center in 2009.

[www.cias.kyoto-u.ac.jp/english/CIAS/](http://www.cias.kyoto-u.ac.jp/english/CIAS/)

野生動物研究センター

### WILDLIFE RESEARCH CENTER (WRC)

Through education and research relating to wild animals, the Wildlife Research Center is dedicated to contributing to a balanced coexistence among the living organisms of our planet. Research is focused on exploring the psychology, physiology, behavior, genomic makeup, health and longevity of endangered species. The center seeks to provide future generations with a deep understanding of nature and humanity's place within it.

[www.wrc.kyoto-u.ac.jp/en](http://www.wrc.kyoto-u.ac.jp/en)

高等教育研究開発推進センター

### CENTER FOR THE PROMOTION OF EXCELLENCE IN HIGHER EDUCATION

The Center for the Promotion of Excellence in Higher Education conducts studies of teaching and learning systems in higher education. The results of the studies are used to plan and develop Kyoto University's liberal arts and general education programs, and support the faculty in their professional development and teaching initiatives. The center comprises the following three divisions: Studies in Higher Education, Liberal Arts Curriculum Development and Information and Media Study Design.

[www.highedu.kyoto-u.ac.jp/index\\_e.html](http://www.highedu.kyoto-u.ac.jp/index_e.html)

総合博物館

### THE KYOTO UNIVERSITY MUSEUM

The Kyoto University Museum manages and develops the university's valuable museum collection and research resource archives. The museum collection currently



consists of 2.6 million specimens, which are relevant to a wide spectrum of fields from the humanities, to the natural sciences, to engineering. A valuable research and educational resource, the collection is frequently used by researchers from around the world.

The museum's permanent and temporary exhibitions, and frequently held lectures and events are enjoyed by visitors of all ages, and the museum has come to be regarded as a gateway between the university and the community. Many students and researchers enthusiastically assist with our activities. This network of individuals within the university allows the museum to function as a unique center for the exchange of academic ideas.

[www.museum.kyoto-u.ac.jp/index\\_e.htm](http://www.museum.kyoto-u.ac.jp/index_e.htm)

#### 低温物質科学研究センター

### RESEARCH CENTER FOR LOW TEMPERATURE AND MATERIALS SCIENCES (LTM Center)

We support research activities in low temperature and materials sciences by providing cryogens and informative courses for more than 2,500 researchers as well as offer access to advanced scientific research facilities such as SQUID magnetometers and nanofabrication facilities.

The research divisions carry out original investigations on low temperature physics, functional organic conductive materials, biological materials science, and low temperature functional materials and provide outstanding scientific research opportunities to graduate students.

[www.ltm.kyoto-u.ac.jp/en](http://www.ltm.kyoto-u.ac.jp/en)

#### フィールド科学教育研究センター

### FIELD SCIENCE EDUCATION AND RESEARCH CENTER (FSERC)

The rapid expansion of human activity threatens forest and coastal biospheres, causing severe environmental problems. The goal of the Field Science Education and Research Center is to understand the relationship between those biospheres and to rehabilitate their ecosystems to a sustainable state. Current projects include field research on the banks of the Yura River (Kyoto), Koza River (Wakayama) and Niyodo River (Kochi). Each project involves collaboration with the local government and citizens to maximize the value of its findings.

[fserc.kyoto-u.ac.jp](http://fserc.kyoto-u.ac.jp)

#### 福井謙一記念研究センター

### FUKUI INSTITUTE FOR FUNDAMENTAL CHEMISTRY (FIFC)

The Fukui Institute for Fundamental Chemistry upholds the academic philosophy of Nobel laureate Professor Kenichi Fukui, who believed that scientific breakthroughs occur through the unexpected fusion of remotely related fields. The institute emphasizes research into pure chemistry, and is

developing new theories that will further the fundamental understanding of molecular materials and chemical theories. Support for the independent research of young scientists is one of the institute's priorities.

[www.fukui.kyoto-u.ac.jp/index-e.html](http://www.fukui.kyoto-u.ac.jp/index-e.html)

#### こころの未来研究センター

### KOKORO RESEARCH CENTER

The Kokoro Research Center promotes scientific research on the mind and consciousness, which spans the disciplines of psychology, neurophysiology, cognitive sciences, cultural studies and the humanities. The center aims to develop community outreach solutions through wide-ranging interdisciplinary research involving interdepartmental and international collaboration. Through its research, the center aspires to contribute to a humanity and mentality suited to life in the coming global era.

[kokoro.kyoto-u.ac.jp/en/AboutUs](http://kokoro.kyoto-u.ac.jp/en/AboutUs)

#### 文化財総合研究センター

### CENTER FOR CULTURAL HERITAGE STUDIES

The Center for Cultural Heritage Studies carries out excavations, field surveys and other projects on the many sites of archaeological value in and around the Kyoto University campuses. The center works in cooperation with teams from the departments of archaeology, architecture, geography, geology, and anthropology. Project sites range from prehistoric cemeteries to Edo period clay mines.

[www.kyoto-u.ac.jp/maibun/index-e.html](http://www.kyoto-u.ac.jp/maibun/index-e.html)

#### カウンセリングセンター

### COUNSELING CENTER

The Counseling Center provides confidential counseling services for students and staff members on wide range of matters relating to study, work, or personal problems. The center is staffed by trained specialists in fields such as clinical and adolescent psychology. In addition to private counseling, the center provides other services, such as conducting awareness and publicity campaigns, classroom lectures and independent research.

[www.kyoto-u.ac.jp/counseling/englishpage.htm](http://www.kyoto-u.ac.jp/counseling/englishpage.htm)





## 大学文書館

### KYOTO UNIVERSITY ARCHIVES

Kyoto University Archives manages the university's non-current administrative records and other materials for research and business purposes. It also conducts studies on the development of the archival sciences and on the history of Kyoto University and higher education in Japan. A permanent historical exhibit of documents spanning the university's history is on display in the Clock Tower Centennial Hall.

[kual.archives.kyoto-u.ac.jp/ja/](http://kual.archives.kyoto-u.ac.jp/ja/)

## 先端技術グローバルリーダー養成ユニット

### EDUCATION UNIT FOR GLOBAL LEADERS IN ADVANCED ENGINEERING AND PHARMACEUTICAL SCIENCES (GL EDUCATION UNIT)

The two graduate schools of engineering and pharmaceutical sciences have been jointly offering advanced technology training programs for five years since 2008. The purpose of this educational program is to train graduate students and postdoctoral researchers to be global leaders in advanced technology fields. The following four courses are offered: the Industry-Government-University Cooperative School, Interactive Education-Type Joint Research, Practical English Training, and Intellectual Property Education.

[www.ugl.kyoto-u.ac.jp/index.php?lang=en](http://www.ugl.kyoto-u.ac.jp/index.php?lang=en)

## 宇宙総合学研究ユニット

### UNIT OF SYNERGETIC STUDIES FOR SPACE (USSS)

Kyoto University has the largest space research unit in Japan. The unit is dedicated to cultivating talented researchers with a broad range of interests within the fields of space and astronomy. The unit seeks to develop new research areas through inter-departmental cooperation spanning a diverse spread of fields: from precision engineering and physics to research into the sustainability of the humanosphere.

[www.kwasan.kyoto-u.ac.jp/uss/s/index-e.html](http://www.kwasan.kyoto-u.ac.jp/uss/s/index-e.html)

## アフリカ地域研究資料センター

### CENTER FOR AFRICAN AREA STUDIES (CAAS)

The Center for African Area Studies promotes multidisciplinary research on Africa. The center's primary foci are the sustainable use of the environment, agriculture and other economic activities, multi-ethnic coexistence, and socio-cultural change. Research is also undertaken into the potential of using indigenous practices as catalysts for Africa's development. The center has concluded cooperative research agreements with the world's academic institutions and publishes a quarterly interdisciplinary journal.

[jambo.africa.kyoto-u.ac.jp](http://jambo.africa.kyoto-u.ac.jp)

## 女性研究者支援センター

### CENTER FOR WOMEN RESEARCHERS

The Center for Women Researchers is dedicated to improving the equal opportunity working and learning environment at Kyoto University, and provides services to support female researchers and students as they establish themselves in the competitive academic world. Services include professional temporary nursery care for infants on preschool waiting lists and for sick babies and children, financial support for the hiring of research assistants, and counseling services. The center also organizes workshops and symposia, and publishes regular newsletters.

[www.cwr.kyoto-u.ac.jp/english](http://www.cwr.kyoto-u.ac.jp/english)

## 次世代研究者育成センター（白眉センター）

### YOUNG RESEARCHER DEVELOPMENT CENTER (THE HAKUBI CENTER)

The Young Researcher Development Center was founded in 2009 to implement and manage the Hakubi Project, an initiative to support promising young researchers from around the world through the provision of faculty positions at Kyoto University. Researchers recruited through the program are given the opportunity and facilities to pursue their own academic interests. The center's main role is the coordination of recruitment procedures in collaboration with the university's faculties, graduate schools and research institutes.



Kyoto University Research  
Information Repository  
(KURENAI)

## KURENAI :

### *Kyoto University's institutional repository attracts worldwide interest*

An institutional repository is a system to collect, store and preserve digital scholarly works, such as peer-reviewed journal articles and theses, and to make them available to the public via the Web. The Kyoto University Library Network began offering its institutional repository service known as KURENAI in 2006 to distribute the scholarly works produced at Kyoto University. KURENAI is regarded highly among institutional repositories throughout in the world. In 2011, it was ranked the top repository in Japan and 8<sup>th</sup> in the world by the Ranking Web of World Repositories conducted in July 2011 by the Consejo Superior de Investigaciones Científicas research institute in Europe.

京都大学学術情報リポジトリ  
**KURENAI**  
Kyoto University Research Information Repository



学際融合教育研究推進センター

## CENTER FOR THE PROMOTION OF INTERDISCIPLINARY EDUCATION AND RESEARCH

The main function of this center is to promote interdisciplinary education and research at Kyoto University. In addition to providing direct support to KU education and research units that merge multiple fields of study, the center also carries out its own projects on interdisciplinary education methodologies, and provides information to those on and off campus seeking to embark on interdisciplinary initiatives. Interdisciplinary research units consistently produce impressive results with potential for future development. The center has 15 research units.

[www.cpier.kyoto-u.ac.jp](http://www.cpier.kyoto-u.ac.jp) (Japanese)

先端医工学研究ユニット

**Advanced Biomedical Engineering Research Unit**

[www.abe.kyoto-u.ac.jp/en](http://www.abe.kyoto-u.ac.jp/en)

生命科学系キャリアパス形成ユニット

**Career-Path Promotion Unit for Young Life Scientists**

[www.cp.kyoto-u.ac.jp/IndexEng.html](http://www.cp.kyoto-u.ac.jp/IndexEng.html)

極端気象適応社会教育ユニット

**Educational Unit for Adaptation and Resilience for  
a Sustainable Society**

[ars.gcoe.kyoto-u.ac.jp/index.php?id=3](http://ars.gcoe.kyoto-u.ac.jp/index.php?id=3)

統合複雑系科学国際研究ユニット

**International Research Unit of Integrated Complex System Science**

[www.kier.kyoto-u.ac.jp/ICSS/english/eindex.htm](http://www.kier.kyoto-u.ac.jp/ICSS/english/eindex.htm)

計算科学ユニット

**Unit of Computational Science**

[www.cs.kyoto-u.ac.jp](http://www.cs.kyoto-u.ac.jp)

グリーン・イノベーションマネジメント教育ユニット

**Green Innovation Management Education Unit**

[www.cpier.kyoto-u.ac.jp/about/unit06](http://www.cpier.kyoto-u.ac.jp/about/unit06)

次世代低炭素ナノデバイス創製ハブ

**Micro/Nano Fabrication Hub in Kyoto University**

[www.mnhub.cpier.kyoto-u.ac.jp](http://www.mnhub.cpier.kyoto-u.ac.jp)

日本エジプト連携教育研究ユニット

**Center for Japan-Egypt Cooperation in  
Education and Research**

[www.cpier.kyoto-u.ac.jp/about/unit08](http://www.cpier.kyoto-u.ac.jp/about/unit08)

心の先端研究ユニット

**Unit for the Integrated Studies of the Human Mind**

[www.kokoro-kyoto.org](http://www.kokoro-kyoto.org)

地域生存学総合実践研究ユニット

**Institute of Applied Science of Sustainability for  
the Local Community**

[www.cpier.kyoto-u.ac.jp/about/unit10](http://www.cpier.kyoto-u.ac.jp/about/unit10)

生理化学研究ユニット

**Research Unit for Physiological Chemistry**

[www.physichem.kais.kyoto-u.ac.jp/en/index.php](http://www.physichem.kais.kyoto-u.ac.jp/en/index.php)

次世代開拓研究ユニット

**Pioneering Research Unit for Next Generation**

[kupru.iae.kyoto-u.ac.jp/en.html](http://kupru.iae.kyoto-u.ac.jp/en.html)

生存基盤科学研究ユニット

**Institute of Sustainability Science**

[iss.iae.kyoto-u.ac.jp/iss/eng](http://iss.iae.kyoto-u.ac.jp/iss/eng)

レジリエンス研究ユニット

**Resilience Research Unit**

[trans.kuciv.kyoto-u.ac.jp/resilience](http://trans.kuciv.kyoto-u.ac.jp/resilience)

物質-細胞総合システム拠点

## INSTITUTE FOR INTEGRATED CELL-MATERIAL SCIENCES (iCeMS)

Established in 2007 to integrate the cell and material sciences, the iCeMS combines the potential power of stem cell (e.g. ES/iPS cell) science and technology together with mesoscopic science and technology to benefit medicine, pharmaceutical studies, the environment, and industry. Its founding director is Prof. Norio Nakatsuji, Japan's pioneer in the establishment and distribution of human ES cell lines, and a leader in ES/iPS cell-based drug discovery. As one of six national science hubs under the World Premier International Research Center (WPI) Initiative of the Ministry of Education, Culture, Sports, Science and Technology (MEXT), the institute's global focus extends to the use of English as its official language. Of the institute's 174 scientists, 54 (31%) are from overseas and 45 (26%) are female.

[www.icems.kyoto-u.ac.jp/e/](http://www.icems.kyoto-u.ac.jp/e/)

附属図書館

## KYOTO UNIVERSITY LIBRARY

Kyoto University Library has a history of more than 110 years since its establishment in 1899. The library supports the learning and research activities of students and faculty members at Kyoto University with its large collection of printed and electronic resources.

The library building, with four stories and three basement floors, holds approximately 860,000 books and contains a variety of study spaces and equipment. The library also maintains e-Books, e-Journals and databases among other electronic resources.

Rare book collections, including *Konjaku Monogatari* (a designated National Treasure) and *Man'yōshū* (a designated Important Cultural Asset of Japan), are also preserved at the library. Some works have been digitized and made available to the public as part of the online Kyoto University Digital library, which is frequently accessed from all over the world.

[www3.kulib.kyoto-u.ac.jp/index-e.html](http://www3.kulib.kyoto-u.ac.jp/index-e.html)



# Organizations

## 機構等

### 高等教育研究開発推進機構

#### INSTITUTE FOR THE PROMOTION OF EXCELLENCE IN HIGHER EDUCATION

The Institute for the Promotion of Excellence in Higher Education (IPEHE) was founded in 2003 to develop and manage university-wide liberal arts and general education programs.

In line with the objectives of liberal arts education at the university, the IPEHE aims to enrich fundamental education, develop students' general academic skills and foreign language proficiencies, support inter-faculty education and provide an educational environment for autonomous learning.

[www.media.kyoto-u.ac.jp/en/](http://www.media.kyoto-u.ac.jp/en/)

### 環境安全保健機構

#### AGENCY FOR HEALTH, SAFETY AND ENVIRONMENT

This agency was established in April 2005 to oversee matters relating to health, safety and the environment in Kyoto University's education, research and medical practices. In April this year, the agency was relaunched with the integration of three centers which had previously formed a support network for its operations: the Environment Preservation Research Center, Radioisotope Research Center and Kyoto University Health Service.

### ● 環境科学センター

#### Environment Preservation Research Center

The Environment Preservation Research Center aims to prevent environmental pollution caused by waste produced by Kyoto University. In addition to disposing of laboratory waste materials, the center plans and implements various measures to reduce the university's greenhouse gas emissions. The center also provides up-to-date environmental education, and conducts research on environmental-, technical-, and social-system issues, all of which are related to environmental management and the creation of a material-cycle society.

<http://eprc.kyoto-u.ac.jp/en/>

### ● 放射性同位元素総合センター

#### Radioisotope Research Center

The Radioisotope Research Center's principal purpose is to ensure that Kyoto University's education and research undertakings involving radioisotopes (RI) and radiation are carried out safely and effectively. The center also carries out unique advanced research on the properties and applications of RI and radiation. We apply the results of our studies to various practical uses, such as assisting with the effective integration of safety control systems at other radiation facilities and producing educational materials.





## ● 健康科学センター

### Kyoto University Health Service

The Kyoto University Health Service was established in 1966 to promote the health and wellbeing of the university's students, faculty and staff. A range of services are provided by medical professionals, including periodic and on-demand checkups, individual and group counseling for health problems, primary clinical care for the sick and injured, health data management, and research and training opportunities.

[www.kyoto-u.ac.jp/health/kuhc-E.html](http://www.kyoto-u.ac.jp/health/kuhc-E.html)

## 国際交流推進機構

### THE ORGANIZATION FOR THE PROMOTION OF INTERNATIONAL RELATIONS (OPIR)

The OPIR is the strategic headquarters for international relations at Kyoto University. Its activities include: information gathering and planning for the promotion of international relations; expansion of multi-faceted academic exchange through involvement in international university alliances; improvement of the recruitment infrastructure for international students and researchers; administrative training for international exchange activities and organizational enhancement.

[www.opir.kyoto-u.ac.jp/e/](http://www.opir.kyoto-u.ac.jp/e/)

## ● 国際交流センター

### The International Center

The International Center provides a stimulating environment for the pursuit of academic exchange among students and researchers of diverse cultural backgrounds. The center provides a variety of resources and support to the university's international community, including advising services, non-degree Japanese language classes, and English-taught courses for the KUINEP undergraduate exchange program. The center also collaborates with institutions overseas to develop new study opportunities for prospective international students.

[www.ryugaku.kyoto-u.ac.jp/en/](http://www.ryugaku.kyoto-u.ac.jp/en/)

## 情報環境機構

### INSTITUTE FOR INFORMATION MANAGEMENT AND COMMUNICATION (IIMC)

The Institute for Information Management and Communication provides safe, reliable and convenient IT systems and services (IT environment) which are designed and operated in collaboration with the Academic Center for Computing and Media Studies (ACCMS) to support all of the activities at Kyoto University. The IT environment is continuously updated and maintained using state-of-the-art technology derived from research activities at ACCMS.

[www.iimc.kyoto-u.ac.jp/en](http://www.iimc.kyoto-u.ac.jp/en)

## 図書館機構

### KYOTO UNIVERSITY LIBRARY NETWORK

The extensive network of over 6,500,000 holdings throughout 50 libraries maintained at Kyoto University is the third largest collection in Japan.

The library network's activities include the organization of public lectures and rare material exhibits, preservation and restoration of resources, staff development and other forms of support, and research into overseas libraries among a wide variety of other initiatives.

[www.kulib.kyoto-u.ac.jp/?ml\\_lang=en](http://www.kulib.kyoto-u.ac.jp/?ml_lang=en)

## 産官学連携本部

### OFFICE OF SOCIETY-ACADEMIA COLLABORATION FOR INNOVATION (SACI)

The threefold mission of the Office of Society-Academia Collaboration for Innovation is (1) to promote collaborative research among academia, industries and the government, (2) to support business start-ups by researchers or students, and (3) to manage and utilize the university's intellectual properties.

Collaborative Research Courses/Laboratories, produced by SACI in April 2010, specialize in researches based on collaborative research contracts and are established to improve the efficiency of collaborative research with Kyoto University. These courses are supervised by the deans and directors of the university and are supported by the various faculties to help ensure the successful progress of collaborative research.

Comprehensive Collaboration Agreements are entered into between SACI and major global companies to identify common research interests from Kyoto University's many distinguished academic research seeds.

SACI combines academic research and business applications into an educational foundation built upon which to bring up entrepreneurial and business-oriented human resources. SACI also maintains a close collaborative relationship with the Kyoto University Venture Fund (NVCC #1), promoting spin-out venture companies based on the university's research discoveries.

The Notable R&D for Technology Transfer website is managed by SACI as a portal to information on up-to-date technologies in their various stages of development: not only on intellectual properties such as patents, but also on technologies which are currently being researched.

<http://int.saci.kyoto-u.ac.jp/>

