In Japan, we believe that the discipline involved in academic and sporting endeavors helps to build personal character. When you commit yourself fully to such pursuits, you gain the opportunity to grow in many different ways. Not only do you develop mental, physical, and technical skills, you also strengthen your sense of integrity and propriety. In valuing this spirit of self-improvement at Kindai University, we seek to foster well-rounded individuals with excellent character.
At a Glance

Kindai University was founded in 1925. Now one of Japan’s largest universities, it has six campuses in western Japan and boasts research facilities across the nation—from Hokkaido in the north to Kagoshima in the south. Currently, Kindai University comprises 14 faculties with 48 departments, 11 graduate schools, a law school, 17 research facilities, two junior colleges, 18 associated primary and secondary schools, and two teaching hospitals. The university has over 30,000 students and more than 500,000 alumni.

Kindai University conducts research in a wide range of fields and is making a name for itself as a leader in aquaculture, most notably for its work with bluefin tuna. Dedicated to meeting the needs of today’s rapidly changing society, Kindai University will continue expanding its educational programs and facilities.

Our Name

As of April 2016, the official English name of the university was changed from Kinki University to Kindai University. Our new name combines the kin from Kinki and the dai from daigaku ("university"). Kinki is the region in western Japan where the university is located; it covers seven prefectures and encompasses the cities of Kyoto, Kobe, Osaka, Wakayama, and Nara. Along with the name change, we also launched the Faculty of International Studies as part of our effort to broaden our global profile.

Our Logo

The Kindai University logo represents the flower of the Japanese plum tree, the first flower to blossom after Japan’s long, cold winter. The flower’s five petals resemble both the shape of a person and the Japanese kanji character "大" (dai), the first character in 大学 (daigaku). There is a small gap in one of the petals indicating that the university’s goals are not yet fully realized and that there is still potential for improvement and development.
Kindai University offers learning for the real world—a focus that puts our research programs at the international forefront of addressing some of today’s most complex issues. With vibrant campuses, compelling curricula, and practical field studies, Kindai University shapes caring global citizens who can inspire trust and respect.
Kindai University—Aiming Ever Higher for an Even Better Future

154,672
Number of applicants*1

5,966
Number of alumni who are company presidents*2

32,898
Number of undergraduate students*3

325
Number of R&D projects on consignment from private enterprises*4

527,062
Number of alumni association members*5

2,283
Full-time faculty members (May 2019)

3,613
Administrative staff members (May 2019)

2,310,542
Library books (March 2019)

601–800
Times Higher Education World University Rankings 2020

*1: Applied via academic year 2019 general entrance examinations
*2: Source: University Rankings 2020, Asahi Shimbun/Publications
*3: According to a 2018 study by MEXT

No. 3 among universities in Japan
No. 3 among universities in Japan
No. 3 among universities in Japan
No. 7 among universities in Japan
No. 1 among universities in Japan
No. 1 among universities in Japan
Leading the Way in Cutting-Edge Research

Kindai University’s research centers are equipped with state-of-the-art equipment and facilities and are blessed with an ideal research environment. Our dedicated research teams strive to make meaningful contributions to society and to lead the world in their respective areas of research.

Atomic Energy Research Institute

Established in 1960 for atomic energy research and education, the Atomic Energy Research Institute owns one of the two university-operated reactors in Japan. This extremely safe reactor is used for training, for joint research with other universities and overseas engineers, and for study tours by educators and high school students. The institute also offers tours by the general public. Through practical hands-on education, it aims to foster atomic energy specialists and to raise the general public’s awareness of atomic energy.

Bio-Coke Research Institute

Bio-coke is an environment-friendly biomass fuel that can be made from almost any photosynthetic plant, including what had been considered waste materials such as used tea leaves. An effective form of waste management, Bio-coke is also seen as a way to counter the over-reliance on fossil fuels. Someday, Bio-coke might replace the coal that industries currently use as a solid fuel for smelting iron, leading to a significant reduction in CO2 emissions. This institute is working to bring Bio-coke to commercial production and recently began a project in Malaysia to make Bio-coke from palm tree scraps.

Experimental Farms

The Faculty of Agriculture has two farms: one in Yuasa and another in Oishi. The Yuasa Farm focuses on the research and cultivation of fruit. It produces Kindai-brand mikan oranges and pears, an orchard, where original citrus fruit species are preserved. This farm’s research into tropical fruits has led to its successful development of a new breed of mango called Aikoh. The Oishi Farm breeds ducks, pigs, and angus cattle. Duck meat and beef from this farm are sold under the Kindai brand and are popular among local residents.

Other Research Centers and Institutes

Folklore Studies Research Institute

Conducts research on Japanese folklore, with the aim of contributing to the creation and development of new aspects of Japanese culture.

World Economy Research Institute

Conducts active international exchanges and joint research with a focus on globalization of the economy and makes constructive government policy proposals on the Japanese economy.

Fundamental Technology for Next Generation Research Institute

Conducts research on such engineering fields as automotive technology, 3D modeling, architectural environment, biotechnology, and robotics.

Life Science Research Institute

Conducts joint research involving various faculties, such as medicine, agriculture, science and engineering, and pharmacy, with the aim of contributing to the health and welfare of humanity.

Immunotherapy and Cancer Research Institute

Conducts research on the life-sustaining effects brought on by the combined application of immunostimulants and low-dose anticancer drugs.

Science and Technology Research Institute

Conducts research on the fundamentals of science and engineering as well as their applications, with the aim of contributing to the development of state-of-the-art manufacturing technology and interdisciplinary technologies.

Human Rights Research Institute

Conducts research and investigations into human rights issues overseas and in Japan, such as the international protection of human rights and the social discrimination issue in Japan referred to as racial discrimination.

Pharmaceutical Research and Technology Institute

Conducts unique, interdisciplinary research that includes search for outstanding medicinal seeds (potentials) and the development of foods with health-promoting benefits.

Japan Cultural Studies Research Institute

Analyses the current situation of Japanese culture and makes proposals on the direction it should take amid an increasingly globalizing international community.

Creative Management and Innovation Research Institute

Conducts research and investigations into management innovations, with the aim of contributing to the development of business administration.

Advanced Technology Research Institute

Comprises four research centers focusing on bioengineering, robotics engineering, plants, and high-pressure protein.

Oriental Medicine Research Institute

Conducts research on the life-sustaining effects brought on by the combined application of immunostimulants and low-dose anticancer drugs.

Joint Research Center

Facilitates the research and education conducted by faculties in the natural sciences by providing various kinds of state-of-the-art scientific equipment. Branch centers are located at each of the university’s campuses.

Agricultural Technology and Innovation Research Institute

Facilitates research in agriculture, forestry, and fisheries, with the aim of promoting industry-government-academia collaborations and technological advancements in local communities, while also raising the level of fundamental scientific research.
A World Aquaculture Pioneer: Aquaculture Research Institute

Kindai University’s aquaculture program and research began in 1968. The university was the first organization to successfully raise red sea bream and amberjack using full-cycle aquaculture, a process that involves raising adult fish from eggs rather than from juvenile fish caught in the wild.

With the wild stocks of many fish species in rapid decline due to overfishing, Kindai University has sought a solution by focusing its research on the use of full-cycle aquaculture. In 2003, we successfully completed the world’s first full-cycle breeding program for bluefin tuna. Our breeding technologies have been so effective that we are now able to release juvenile tuna into the ocean.

Tuna bred at the Aquaculture Research Institute have been trademarked as Kindai tuna, a name that attests to the high quality of these fish. At a time of growing concerns over the safety of tuna and the high levels of mercury it may contain, Kindai tuna are guaranteed to be safe for human consumption.

Kindai University will continue to push the boundaries of aquaculture research, with the ultimate goal of reducing pressure on wild fish stocks and cultivating the oceans of the world through the reintroduction of fish. The latest step in this process is an aquaculture development center in Malaysia that Kindai University established in February 2014 in collaboration with Universiti Malaysia Sabah.

Fish Species Farm Hatched and Raised by Kindai University—World Firsts

- 1958: Start use of first hatchery.
- 1965: Japanese flounder
- 1966: Silver seer
- 1967: Japanese perch
- 1968: Red sea bream
- 1969: Amberjack
- 1970: Spotfin barracuda
- 1975: Japanese whiting
- 1977: Tuna
- 1980: Pacific salmon
- 1985: Coho salmon
- 1990: Yellowfin tuna
- 1995: Bluefin tuna
- 2000: Scottish salmon
- 2001: Tuna
- 2005: Green-lipped mussels
- 2006: Coho salmon
- 2007: Atlantic salmon
- 2008: Coho salmon
- 2009: Coho salmon

First in the World to Farm Hatch and Raise 18 Species of Fish

In 1968, the Aquaculture Research Institute became the first in the world to produce farm-hatched, Japanese flounder fry. More world firsts followed, with the lab having successfully farm hatched and raised a total of 18 species of fish to date. These efforts help prevent the depletion of natural fish stocks caused by overfishing and also enable mass production of species in short supply, making it possible to bring priced fish to market at more reasonable prices. The Aquaculture Research Institute is achieving solid results towards its vision of harnessing the sea for resources and helping the fishing industry shift from fishing to farming in an age when food shortages are likely to occur in the future.

In Global Media

The achievements of the Aquaculture Research Institute in full-cycle aquaculture of bluefin tuna have been covered by numerous news media, including the New York Times, Bloomberg News, and the Wall Street Journal. They have also been featured in TV programs on NHK (Japan’s public service broadcaster) and the BBC, as well as in TV programs in Korea and Taiwan.

11 KINDAI UNIVERSITY

12 KINDAI UNIVERSITY
Architects of a Better Future

Working in fields that span the realms of science, medicine, engineering, and more, Kindai University’s diverse community of dedicated researchers/educators/innovators is united in the pursuit of ideas and applications that make a real-world difference. Here are a few shining examples.

**Professor Tomonari Dotera (Physics)**

Professor Dotera specializes in condensed matter physics and does research on soft matter quasicrystals. He has created several complex Art’s fractal tiling patterns in polymers, and in a paper that was later cited in the explanation of the 2011 Nobel Prize in Chemistry— he showed evidence of a ‘polymeric quasicrystal’ tiling for the first time. In 2014, his paper clarifying the origin of unusual nanoparticles that define soft matter quasicrystals was published in Nature.

**Associate Professor Hirohito Moriyama (School of Cell Biology and Biotechnology)**

Associate Professor Moriyama’s scientific interest is focused on the basic biology of stem cells. His group investigates the potential value of mesenchymal stem cells in tissue engineering and the utilization of environmental signals, such as oxygen, in modulating stem cells. By combining his extensive technical expertise in stem cell science and dermatological research, his ultimate goal is to recreate the perfect skin tissue and to develop personalized regenerative therapy.

**Professor Kazuto Nishio (Koizumi Biology)**

Professor Nishio’s specialty is pharmacology for cancer—particularly the areas of targeted therapy, translational research, biomarkers, and personalized medicine. Using genome and gene analysis as well as an approach grounded in molecular biology, he works to elucidate pathological conditions and conduct research on biomarker development.

**Emeritus Professor Hidetoshi Kuma (Astronomy)**

A future biologist, Professor Kuma has long been involved in aquaculture. It was his research team that achieved full-scale aquaculture of shellfish in 2003, while serving as the third director of the Aquaculture Research Institute (1991 to 2000). Professor Kuma headed up an aquaculture project that was chosen for the 21st Century COE (Center of Excellence) Program and Global COE Program run by the Japanese government.

**Professor Reiko Sugiyama (Molecular Pharmacogenetics and Drug Discovery)**

Professor Sugiyama is a pioneering researcher on the identification of regulatory factors of MDR (Multidrug-resistant) drug resistance and the elucidation of its control mechanisms. Along with her distinguished work as a scientist and a medical doctor, she is developing a groundbreaking strategy to combat cancer on a molecular level.

**Professor Hidetoshi Kyo (Mechanical Engineering)**

Professor Kyo is a leading researcher in the development of both laser additive manufacturing technology and functional materials, such as shape-memory alloys made via powder metallurgy. He serves as a project leader in the JIPAM (Technology Research Association for Future Additive Manufacturing), an organization that has been commissioned by the Japanese government to develop next-generation industrial 3D printers and ultra-precise 3D modeling systems.

**Professor Tamio Iida (Mechanical Engineering)**

Professor Iida does research on three-dimensional bio-manufacturing that can be used as a core technique in large-scale industrial processes. His research on 3D bioprinting technology can help reduce CO2 emissions for the promotion of global warming and can also help control 3D printing costs. Professor Iida’s main research project is on bio-printing manufacturing methods and devices that are not limited to those of limited productivity or efficiency in the field of medicine and health care.

**Professor Tetsuya Mori (Biomedical Engineering)**

Professor Mori’s current research interests include surgical treatment, targeted therapy, and biomarker development for lung cancer. He won the Mary J. Matthews Award at the 2013 World Conference on Lung Cancer. He also received the 2014 Kiyoko and Paul Bounded Osteo-Scientific Prize for his paper on the treatment of lung cancer using EGFR-epidermal growth factor receptor mutations.

**Professor Shigeaki Hontsu (Biological Materials)**

Professor Hontsu uses interdisciplinary research that integrates electronics and bioengineering to develop novel medical equipment, such as the flexible endoscope for real-time examination. As a bionanomaterial, he hydrophilic nanoscale cantilever has been developed for use in the diagnosis and treatment of lung cancer.

**Professor Masatoshi Kudo (Orthopedics and Rehabilitation)**

Professor Kudo has been a member of the JIUC (International Union of Cancer) Governing Board since 2009 and president of Kindai University Medical Center since 2008. He has published over 400 international scientific paper journals and well-reputed journals and 800-plus scientific papers in Japanese-based publications. His research interests are in the diagnosis and treatment of HOC (Postoperative cranial cranial).
Kindai University is one of the largest universities in Japan, boasting 14 faculties with 48 departments, 11 graduate schools, and a law school. As a comprehensive educational institution, we provide opportunities for learning and research in a wide range of disciplines in the arts and sciences alike.

### Where Opportunities for Learning Abound

Kindai University

Kindai University is one of the largest universities in Japan, boasting 14 faculties with 48 departments, 11 graduate schools, and a law school. As a comprehensive educational institution, we provide opportunities for learning and research in a wide range of disciplines in the arts and sciences alike.

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<tr>
<th>Undergraduate Programs</th>
<th>Faculty of Law</th>
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<td>Faculty of Economics</td>
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<td>Department of Informatics</td>
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<td>Faculty of Architecture</td>
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<tr>
<td>Faculty of Pharmacy</td>
<td>Department of Pharmacy (6 years)</td>
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<td>Department of Pharmaceutical Sciences (5 years)</td>
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<tr>
<td>Faculty of Literature, Arts and Cultural Studies</td>
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<td>Faculty of Applied Sociology</td>
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<td>Faculty of International Studies</td>
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### Graduate Schools

- **Graduate School of Law**
- **Graduate School of Commerce**
- **Graduate School of Economics**
- **Graduate School of Science and Engineering**
- **Graduate School of Pharmacy**
- **Graduate School of Interdisciplinary Human Studies**
- **Graduate School of Agriculture**
- **Graduate School of Medical Sciences**
- **Graduate School of Biology-Oriented Science and Technology**
- **Graduate School of Systems Engineering**
- **Graduate School of Humanity-Oriented Science and Engineering**

### Academics

| Faculty of Agriculture | Department of Agricultural Science |
|                        | Department of Fisheries |
|                        | Department of Applied Biological Chemistry |
|                        | Department of Food Science and Nutrition |
|                        | Department of Environmental Management |
|                        | Department of Advanced Bioscience |
| Faculty of Medicine    | Department of Medicine |
| Faculty of Biology-Oriented Science and Technology | Department of Biotechnological Science |
|                        | Department of Genetic Engineering |
|                        | Department of Science and Technology on Food Safety |
|                        | Department of Computational Systems Biology |
|                        | Department of Human Factors Engineering and Environmental Design |
|                        | Department of Biomedical Engineering |
| Faculty of Engineering | Department of Biotechnology and Chemistry |
|                        | Department of Mechanical Engineering |
|                        | Department of Robotics |
|                        | Department of Electronic Engineering and Computer Science |
|                        | Department of Informatics |
|                        | Department of Architecture |
| Faculty of Humanity-Oriented Science and Engineering | Department of Biomedical and Environmental Chemistry |
|                        | Department of Electrical and Electronic Engineering |
|                        | Department of Architecture and Design |
|                        | Department of Information and Computer Science |
|                        | Department of Management and Business |
| Junior College Division | Department of Business and Economics |

Note: As of academic year 2019
Kindai University currently has partnerships with 258* worldwide universities, where over 600 of its students study. In addition to exchanges of faculty members and students, Kindai and these universities cooperate in conducting and publishing research in a range of fields.

Partner Universities Overseas

**Europe**
- Belgium
  - KU Leuven-Liege
- Bulgaria
  - Technical University of Sofia
- Czech Republic
  - Charles University
  - Czech Technical University
- Finland
  - Aalto University
  - Helsinki University of Technology
- France
  - Ecole Normale Superieure Lille
  - University of Paris
  - University of Toulouse
  - University of Bordeaux
- Germany
  - University of Mannheim
  - University of Heidelberg
  - University of Cologne
- Hungary
  - University of Szeged
  - University of Debrecen
- Italy
  - University of Padua
  - University of Bologna
  - University of Rome
- Netherlands
  - University of Amsterdam
  - University of Leiden
- Norway
  - University of Oslo
  - University of Bergen
- Poland
  - Jagiellonian University
  - University of Wrocław
  - Lodz University of Technology
- Portugal
  - University of Lisbon
  - University of Porto
- Russia
  - Moscow State University
  - National Research University Higher School of Economics
  - St. Petersburg State University
- Serbia
  - University of Belgrade
- Slovenia
  - University of Ljubljana
- Spain
  - University of the Balearics
  - University of Seville
- Sweden
  - University of Gothenburg
  - University of Stockholm
- Turkey
  - University of Istanbul
  - Middle East Technical University
- United Kingdom
  - University of Oxford
  - University of Cambridge
- United States
  - University of California, Berkeley
  - Stanford University
- **Asia**
- Bangladesh
  - Rajshahi University
- Bhutan
  - University of Bhutan
- China
  - Peking University
  - Tsinghua University
  - Shanghai Jiao Tong University
  - University of Science and Technology Beijing
  - University of Science and Technology of China
- India
  - Indian Institute of Technology
  - University of Delhi
- Indonesia
  - Universitas Indonesia
  - Universitas Gadjah Mada
  - Universitas Brawijaya
  - Universitas Negeri Jakarta
- Japan
  - University of Tokyo
  - University of Kyoto
  - University of Osaka
- South Korea
  - Seoul National University
  - Korea University
  - Yonsei University
  - Inje University
- Taiwan
  - National Taiwan University
  - National Taiwan Normal University
  - National Taiwan University of Science and Technology
- Thailand
  - Mahidol University
  - Thammasat University
- **Australia**
- Australia
  - Australian National University
  - University of Melbourne
  - University of Sydney
- New Zealand
  - University of Auckland
  - Victoria University of Wellington
- **North America**
- Canada
  - University of British Columbia
  - University of Toronto
  - McGill University
- Mexico
  - Universidad Nacional Autonoma de Mexico
  - Universidad de las Américas
- **South America**
- Brazil
  - Universidade de São Paulo
  - Universidade Federal de Minas Gerais
  - Universidade Federal de Uberlândia
- Mexico
  - Instituto Politécnico Nacional
  - National Autonomous University of Mexico
- China
  - Zhejiang University
  - Tsinghua University
  - Peking University
  - Fudan University

The Village E³ [e-cube]

The Village E³ [e-cube] opened on the Higashisaka Campus in November 2006 as a unique place to learn and brush up English skills. The three Es—English, Enjoyment, and Education—represent the facility’s concept of learning practical English while having fun.

Only English is allowed at this first-of-its-kind facility for Japan. The three Es—English, Enjoyment, and Education—are on hand for practical conversation, and a variety of activities, mini lectures, and events are held in English. On average, 600 students a day visit the Village. It’s open to the public during spring and summer breaks and on special occasions. As of October 2019, over 1.4 million people took part in the Village’s activities, mini lectures, and events.

International Students at Kindai University

Approximately 500 students from around the world study at Kindai University, supported in their studies, everyday life, finding employment, and other areas by the International Center. The university also has a system for partnering international students with Japanese students, who provide support with academic and adapting to life in Japan.

Each year is seeing an increasing number of exchange students coming to Kindai University. Hailing from Asia, Europe, the US, and other world regions, these students contribute to the global atmosphere of the campus.

International Center

This center is in charge of all services related to international education and international exchange. Please contact us if you have any questions. We welcome all inquiries.
Industry-Government-Academia Collaboration

Kindai University has actively taken part in industry-government-academia collaboration since the 1970s. Kindai University’s coverage of both the sciences and the humanities as a comprehensive institution allows it to adopt an interdisciplinary approach to requests for joint research, contracted research, technical guidance, and technology transfer. Here are some recent examples of the university’s high-profile collaborations.

Kindai and Toyota Tsusho Ramp Up Tuna Farming

Bluefin tuna from this collaboration are now being exported, along with full-cycle aquaculture yellowtail that are being raised by Shizu En Co., Ltd. Under technical guidance from Kindai, other species of fish will eventually be included in these businesses, which will open up overseas markets for sustainably farmed fish and boost worldwide recognition of delicious, high-quality fish raised in Japanese-developed, full-cycle aquaculture.

Kindai University, Kagome, and Osaka Prefecture Grow Electrostatic Screen Business

An electrostatic screen is a screen that utilizes static electricity to capture insects. Attaching an electrostatic screen to the openings in a greenhouse creates a pest-free environment without using large amounts of pesticide. The screen was originally developed through a joint project between Kindai University and Kagome Co., Ltd. (a food manufacturer). Later on, an Osaka Prefecture research institute joined in. The screen was patented in Japan in July 2007. Although research was initially focused on agricultural applications, the screen’s potential for use in a wide range of areas, including the construction and food industries, became apparent. Kindai University Faculty of Agriculture responded by establishing the Research Association of Electric Screen Supporters, a study group charged with looking into other practical applications, such as ventilating food company factories and keeping pollen out of buildings. The association now has more than 20 member organizations from industry, government, and academia.

Kindai University Collaborates with NASA and JAXA to Monitor Air Quality

Kindai University’s RESIT (Remote sensing for Earth’s Environment based on Science and Information Technology) Group focuses on topics related to atmospheric particles (aerosol) and works with scientists from around the world. One such topic is the investigation of aerosol properties, carried out in collaboration with NASA’s AERONET (Aerosol Robotic Network) Group, Kindai University’s long-term contract with NASA on aerosol research dates back to the deployment of the first AERONET instrument at Kindai University’s Aquaculture Research Institute in Shirahama, Japan in 2000. Another focal topic is the development of an efficient method for aerosol remote sensing from space. Kindai University is working with JAXA (Japan Aerospace Exploration Agency) on its GCOM-C (Global Change Observation Mission Climate) project, which will provide aerosol information on a global scale from 2018.
Providing Advanced Medical Education and Treatment

The Kindai University Faculty of Medicine has two affiliated teaching hospitals that provide clinical education and training to current and future health professionals, while also delivering advanced medical care to patients. One of them, Kindai University Hospital, plays a vital role as the core medical institution in southern Osaka. It is renowned for its use of cutting-edge treatments and diagnostic tools, such as PET-CT scans. The other is Nara Hospital, which also contributes to the local community by offering prompt and precise diagnosis and treatment in a wide range of specialties.

The Faculty of Medicine campus and Kindai University Hospital (both located in Osaka-Sayama city) are being transferred to Ikoma in Nara city. The transfer, which is scheduled for completion in 2023, will enhance the provision of education and advanced medical care in southern Osaka.

The Faculty of Medicine also has three research centers that actively pursue research projects of real-world significance.

Kindai University Hospital on the Faculty of Medicine Campus in Osaka-Sayama

Kindai University Hospital Emergency and Disaster Center

In December 2019, Kindai University Hospital bolstered its position as southern Osaka’s core medical institution by opening its Emergency and Disaster Center. The new center consolidates the hospital’s emergency departments—including the ER, Cardiovascular Center, and Stroke Center—in a new five-floor, earthquake-proof building equipped with state-of-the-art medical facilities and equipment. With this center, the hospital can provide efficient and appropriate treatment as well as the best in emergency medical care. Designated by the Japanese government as a key disaster-response base hospital, Kindai University Hospital will make its Emergency and Disaster Center available as a base for treating severely ill or injured patients during disasters, such as large-scale earthquakes.

Da Vinci Surgical System

In keeping with its reputation of being one of Japan’s best hospitals for cancer treatment, Kindai University Hospital has introduced the da Vinci Surgical System. This robotically assisted surgical platform facilitates complex surgery and uses a minimally invasive approach, giving patients a safe and less burdensome surgical option. Kindai University Hospital uses da Vinci mainly for prostatectomies but is increasing its use in the treatment of gynecologic and stomach cancers.

Making Advances in Cancer Research

The Department of Medical Oncology (headed by Professor Kazutiko Nakagawa) is the first university department in Japan dedicated to medical oncology. Part of the Faculty of Medicine, this department played a central role in the development and clinical trial of gefitinib (Iressa), a drug used in targeted therapy for lung cancer.

First approved in Japan, gefitinib inhibits tyrosine kinases, an enzyme that causes cancer cells to grow. Though gefitinib does produce side effects, it is highly effective in certain types of patients when properly administered. In March 2004, a clinical trial for gefitinib got underway, with Kindai University and medical institutions in nine Asian countries taking part. Called IPASS (Iressa Pan-Asia Study), this joint study lasted a year and seven months. The results, announced at international academic conferences, have made an impact on the medical world. The wealth of detailed data collected through IPASS was instrumental in paving the way for the appropriate and effective usage of gefitinib as a new treatment for lung cancer.

Kindai University is a key player in the research and treatment of cancer in Japan and Asia. It is also one of the few universities in Japan focusing on fostering oncologists who are also pharmacotherapy specialists.
Our Athletes Aim for the Highest

Kindai University is home to varsity athletic teams ranked among the highest in Japan, including the swimming, baseball, and archery teams. These teams have produced top-caliber athletes who have made their mark both in Japan and in international arenas. Here we introduce Kindai University’s lineup of Olympic medalists and its history of participation in the Olympic Games.

Kindai University Olympic Medalists

**Mexico 1968 Bronze**

**Athens 2004: Bronze**

**Eiji Morikawa**
- Swimmer (100 meter backstroke)
- Graduated 1987, Faculty of Commerce-Economics
  Morikawa began swimming on the USSA team at the age of 15 and was selected to represent the Japanese national team at the 1987 World University Games. He continued his swimming career at Kindai University and participated in the 1990 Asian Games, where he won a silver medal in the 100-meter backstroke.

**Yuko Nakanishi**
- Swimming (100 meter butterfly)
- Graduated 2004, Faculty of Commerce-Economics
  Nakanishi competed in her first Olympics in Sydney in 2000. She earned a medal during her second day, with a strong performance in the 100-meter backstroke.

**Sydney 2000: Bronze**

**Miki Nakao**
- Swimming (100 meter backstroke)
- Graduated 2001, Faculty of Commerce-Economics
  Nakao was a student at Kindai University and participated in the 2001 World University Games. She qualified for the Olympics and became the first Kindai University athlete to compete in the 2000 Sydney Olympics.

**Athens 2004: Bronze**

**Yoshihiro Okumura**
- Swimming (100 meter backstroke)
- Graduated 2004, Faculty of Commerce-Economics
  Okumura competed in the 2004 Athens Olympics and swam in the 100-meter backstroke. He also competed in the 200 meter backstroke and placed 3rd.

**London 2012: Silver**

**London 2012: Silver**

**Takaharu Furukawa**
- Archery men’s individual
- Graduated 2006, Faculty of Business Administration
  Furukawa competed in the 2012 London Olympics and won a silver medal in the men’s individual archery.

**London 2012: Silver**

**Aya Terakawa**
- Swimming (100 meter backstroke)
- Graduated 2007, Faculty of Law
  Terakawa won her first Olympic medal in 2000, when she broke her own Japanese record in the 100-meter backstroke. She also earned a bronze medal in the 4x100-meter women’s medley relay team.

**London 2012:**

**Miki Kanie**
- Archery women’s team
- Graduated 2011, Faculty of Law
  Kanie competed in the 2012 London Olympics and helped lead her team to a bronze medal in the women’s archery team.

**Ryosuke Irie**
- Swimming (100 meter backstroke)
- Graduated 2012, Faculty of Law
  Irie won bronze in the 2008 Beijing Olympics and helped lead his team to a gold medal in the 4x100-meter medley relay.

**1964 Tokyo Olympics**
- Kindai University competes in 16 sports, making it the first university in Japan to compete in multiple sports simultaneously. The university’s athletes win several medals, including gold in archery.

**1968 Mexico Olympics**
- Eiji Morikawa wins a bronze medal in swimming.

**1972 Munich Olympics**
- Shiko Miyamoto competes as a member of the men’s fencing team.

**1984 Los Angeles Olympics**
- Takashi Yamamoto competes in swimming.

**1988 Seoul Olympics**
- Yuko Morinaga and Shigemi Maruyama compete in swimming.

**1992 Barcelona Olympics**
- Five Kindai University students compete in swimming, archery, and sailing.

**1996 Atlanta Olympics**
- Takehiro Yamamoto and Yoko Nakanishi win bronze medals in swimming.

**1998 Nagano Winter Olympics**
- Kindai University competes in alpine skiing.

**2000 Sydney Olympics**
- In swimming, Takehiro Yamamoto and Yuko Nakanishi win bronze medals, and Miki Nakao wins a bronze medal in archery. Masahito Mabayashi and Yoji Hamano compete.

**2004 Athens Olympics**
- In swimming, Takehiro Yamamoto and Yoko Nakanishi win a silver and bronze medal, respectively. Yoshihiro Okumura and Ayaka Watanabe also compete.

**2008 Beijing Olympics**
- In swimming, Ryosuke Irie, Miki Nakanishi, and Yoko Nakanishi compete.

**2010 Vancouver Winter Olympics**
- Hirono Takahara and Tatsuki Ono compete in skiing events.

**2012 London Olympics**
- Medalists go to Ryosuke Irie and Aya Terakawa for swimming and Miki Kanie, Kaori Kawanaka, and Takaharu Furukawa for archery.

**2014 Sochi Winter Olympics**
- Miki Kanie wins a silver medal in alpine skiing.

**2016 Rio Olympics**
- Four Kindai University graduates compete in swimming and archery; the archery team finishes as a finalist in swimming at the Paralympics.

**Tokyo Olympics and Paralympics**
- Kindai University sends a total of 24 athletes to the Tokyo Olympics and 10 athletes to the Paralympics. The university’s athletes compete in 12 events, including swimming, archery, and karate.
Greetings from the President of Kindai University

President’s Message

President Hosoi

President Hosoi graduated from the Graduate School of Agriculture, Kyoto University, with a PhD in Agriculture in 1990. He joined the University of Osaka Prefecture in 1992 as a research assistant in the Faculty of Agriculture, and became a full professor in 2000. President Hosoi is currently the director of the Advanced Technology Research Institute at the University of Osaka Prefecture, and has been a member of the Japan Society of Biotechnology since 1993. He is also a member of the Japan Society of Animal Science and the Japan Society of Fisheries Science. President Hosoi has been involved in research on microorganisms and has published numerous papers on the subject. He is currently the president of Kindai University.

Kindai University was established in 1949 with the goal of developing graduates that are “learning, trustworthy, and respectable.” Our founding principles are “learning for the real world” and “nurturing intellectual and emotional intelligence.” The university was formed from the amalgamation of Osaka Technical College, founded in 1925, and Osaka Science and Engineering University, which was established in 1964. Our founder Koichi Seki’s philosophy—“insilting teachings in those that yearn to learn”—is at our core, and we aim to nurture students into people that contribute to society, drawing on their teachings and research performed while at our university—in a wide range of fields from medicine to arts and literature, and even by correspondence learning.

The world is currently undergoing a period of major transformation. Japan must be a first mover, making Society 5.0 a reality by implementing the technological innovations of Industry 4.0 into all walks of life and industries, solving a variety of social issues. We must develop innovative technologies, utilizing artificial intelligence and the Internet of Things in many different fields to encourage economic and social progression. Kindai University undertakes numerous industry—academia collaboration projects; students and teaching staff come together to combine expert knowledge and skills across fields—an example of our “learning for the real world.”

Kindai University is responding to globalization by establishing our Faculty of International Studies. We have partnership agreements with 250+ overseas universities, and the number of exchange students on campus is increasing. As well as student exchange programs, we will promote collaborative research with overseas institutions, and as a world-class university, we will further improve our facilities to develop an educational and research environment that attracts teaching staff and students from overseas.

With a view towards the centennial anniversary of the establishment of Kindai University in 2025, we are carrying out large-scale construction projects at the main campus in Higashiosaka. Our new academic hub, Academic Theater, which opened in April 2017, features facilities that go against conventional wisdom—housing a distinctive Bibliotheca with approximately 70,000 books including about 22,000 comics, and multiple 24-hour fully equipped self-study rooms, including one accessible only to women.

In the future, we will continue to stay true to our founding principles, as we create an even better environment for learning and conducting research—and all of our staff will do their best to ensure the diverse potential of students is reached.

News Focus

Passing the Baton: Making Kindai University into a World-Class Institution

In April 2018, Kindai University appointed its new president, Professor Yoshihiko Hosai. President Hosai has previously served as vice president of the university as well as dean of the Faculty of Biology-Oriented Science and Technology. President Hosai has been actively involved in the university’s various educational developments and transforming it into a globally oriented organization.

At the press conference announcing his appointment, President Hosai said he will continue to build on the “All Kindai” spirit, which he has previously advocated. President Hosai will be working to improve educational standards and foster international joint research projects.

Kindai Restaurants Cultivate an Appetite for Lab-Bred Fish

Kindai University Aquaculture Research Institute in Wakayama Prefecture is putting the fruits of its research to tasty use at the university’s own seafood restaurants in Osaka and Tokyo, two of Japan’s largest cities. The restaurants serve tuna, red sea bream, and other kinds of fish cultivated at the aquaculture lab as well as vegetables and other produce from Wakayama.

The Osaka restaurant opened in April 2013 in a bustling business and commercial complex known as Grand Front Osaka. The Tokyo outlet opened in December 2013 in the upscale Ginza district, an ideal location for showcasing Kindai University’s achievement as the first in the world to cultivate bluefin tuna.

Customers line up daily at both locations. In fact, the restaurants are so popular that they reached the 500,000 customer milestone in September 2017.

Kindai Opens Academic Theater at Higashiosaka Campus

On April 6, 2017, Kindai University’s Higashiosaka Campus opened the Academic Theater, an innovation. The building hosts practical, real-world learning in the arts and sciences. It includes the Bibliotheca, a next-generation library stocked with approximately 70,000 titles, including about 22,000 manga. There’s also the CNN Café—a first for a university in Japan—providing the world news so important for today’s globally informed students. Study rooms, including a purpose-built one for women only, are conveniently open 24/7.

Presidential Message

Career Overview

Month

Year

Position

1981

Graduate from the Graduate School of Agriculture, Kyoto University, with PhD

1980

Research assistant, Faculty of Agriculture, Kyoto University

1990

Lecturer, Biology-Oriented Science and Technology Research Institute, Kindai University

1995

Assistant Professor, Faculty of Biology-Oriented Science and Technology, Kindai University

2002

Professor, Faculty of Biology-Oriented Science and Technology, Kindai University

2010

Director, Advanced Technology Research Institute, Kindai University

2015

Dean, Faculty of Biology-Oriented Science and Technology, Kindai University

2016

Vice President, Kindai University

2018

President, Kindai University and Kindai University Junior College

Notes

President Hosai

President of Kindai University

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